



Academic Calendar
2016/2017

2016–2017 Academic Calendar MacEwan University



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- 89 Bachelor of Communication Studies
- 92 Bachelor of Music in Jazz and Contemporary Popular Music
- 99 Bachelor of Psychiatric Nursing
- 102 Bachelor of Science
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- 137 Acupuncture
- 140 Arts and Cultural Management
- 143 Asia Pacific Management
- 145 Business Management
- 151 Correctional Services
- 153 Design Studies
- 156 Design Studies (3 majors)– suspended
- 159 Disability Management in the Workplace – suspended
- 160 Disability Studies: Leadership and Community – suspended
- 161 Early Learning and Child Care
- 163 Emergency Communications and Response
- 165 Fine Art
- 167 General Studies
- 168 Hearing Aid Practitioner
- 170 Human Resources Management
- 172 Legal Assistant
- 174 Library and Information Technology
- 176 Massage Therapy
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Disclaimer and Important Notice:

MacEwan University makes every effort to ensure accuracy in all university publications. However, if there is inconsistency with the information as published and that which resides in official university policy, the official university policy will prevail. Further, MacEwan University reserves the right to make changes in the information provided within this academic calendar without prior notice.

The Programs of Study listed in this academic calendar are available for the intake year for which the academic calendar applies. Further, the university reserves the right to change the content or structure of a Program of Study, and all reasonable attempts will be made to notify active program students.

The university also reserves the right to update course content, prerequisites and co-requisites without prior notice. In addition, not every course listed in the academic calendar will be offered every year. Further, the university reserves the right to implement new policies, regulations and procedures which may not be available at time of publication.

The university will not be held responsible for any loss, damage or other expense in relation to any changes to information contained within this academic calendar. Students are responsible for informing themselves on matters related to admission, program and graduation requirements, and other academic matters including policies, regulations and procedures. Students are also responsible for ensuring the accuracy and completeness of their enrolment, and are strongly encouraged to consult with and to seek advice on academic and program planning matters from program and discipline advisors.

By the act of applying to a program and/or enrolment into courses, each student agrees to be bound by the policies and procedures of the university.

2016-2017 ACADEMIC SCHEDULE

SEPTEMBER 1, 2016 TO AUGUST 31, 2017

Fall 2016 and Winter 2017 Terms

Important Dates/Deadlines	Fall 2016	Winter 2017
New Student orientation.	Sep 6	Jan 3
Regular Session classes begin. <i>(See note 1)</i>	Sep 7	Jan 4
Last day to apply for Fall Convocation.	Sep 15	
Last day to add or drop regular session classes. No refunds after this date. <i>(See note 2)</i>	Sep 16	Jan 13
Last day for payment of regular session tuition and fees.	Sep 30	Jan 31
Fall Convocation.	Nov 15	
Reading Break. No regular session classes.	Nov 9-10	Feb 21-24
Last day of classes. Last day to withdraw from regular session classes without academic penalty. <i>(See note 2)</i>	Dec 5	Apr 7
Final Exams. <i>(See note 3)</i>	Dec 7-16	Apr 11-22
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 23	Apr 28

Spring/Summer 2017 Term

Important Dates/Deadlines	May Session	June Session	Spring Session ⁴	July Session	August Session	Summer Session ⁴	Spring/Summer Session ⁴
Start of Classes. <i>(See note 1)</i>	May 1	Jun 5	May 1	Jul 4	Aug 1	Jul 4	May 1
Last Day to add or drop classes. No refunds after this date. <i>(See note 2)</i>	May 3	Jun 7	May 5	Jul 6	Aug 3	Jul 10	May 10
Last day for payment of tuition and fees.	May 5	Jun 9	May 12	Jul 10	Aug 8	Jul 18	May 31
Spring Convocation.							Jun 20-22
Last day of classes. Last day to Withdraw from classes without academic penalty. <i>(See note 2)</i>	May 17	Jun 21	Jun 14	Jul 20	Aug 18	Aug 16	Aug 16
Final Exams. <i>(See note 3)</i>	May 19	Jun 23	Jun 16, 19	Jul 24	Aug 21	Aug 21-22	Aug 21-22
Session grades due.	May 26	Jun 30	Jun 30	Jul 28	Aug 28	Aug 28	Aug 28

Notes

1. Not all classes follow the regular session dates listed on this schedule.
2. A grade of "W" (withdrawn) will be shown on the academic record up to and including the last day to withdraw.
3. Classes without final exams may be scheduled into the exam period.
4. Spring session classes run May through June, summer session classes run July through August and spring/summer classes run May through August.

2016-2017 HOLIDAYS OBSERVED

SEPTEMBER 2016

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER 2016

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Date	University Closed
Sep 5	Labour Day
Oct 10	Thanksgiving

NOVEMBER 2016

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER 2016

					1	2	3
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30	31	

Date	University Closed
Nov 11	Remembrance Day
Dec 24	Christmas Eve
Dec 25	Christmas Day
Dec 26–30	University Closed

JANUARY 2017

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY 2017

S	M	T	W	T	F	S	
				1	2	3	4
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28					

Date	University Closed
Jan 2	New Year's Day Observed
Feb 20	Family Day

MARCH 2017

S	M	T	W	T	F	S	
				1	2	3	4
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

APRIL 2017

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Date	University Closed
Apr 14	Good Friday
Apr 17	Easter Monday

MAY 2017

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE 2017

S	M	T	W	T	F	S	
					1	2	3
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30		

Date	University Closed
May 22	Victoria Day

JULY 2017

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST 2017

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Date	University Closed
Jul 3	Canada Day Observed
Aug 7	Heritage Day

UNIVERSITY PILLARS

STUDENTS FIRST

Focused on learner-centred teaching, student growth, opportunity and achievement.

QUALITY EDUCATION

Excellence is achieved here by combining a first-class education with an extraordinary student experience.

PERSONAL LEARNING EXPERIENCES

We are a welcoming, intimate and inspiring learning environment where the individual student – the whole person – thrives.

STUDENT-ENGAGED RESEARCH

We support and foster research and innovation that engages students, faculty and the community across all our programs.

AN ENGAGED UNIVERSITY

A 'connected' culture where students, faculty, staff and the community are linked – and collectively, collaboratively engaged in realizing their full potential.

SUSTAINABILITY

We are committed to creative approaches to sustainability in education and campus operations – activating solutions for positive environmental, social and economic impact.

AT THE HEART OF THE CITY

A vibrant and vital urban experience. We are a hub of creative, scholarly and cultural activity in the core of the city – building, sharing in, and contributing to its growth and prosperity.

THE MACEWAN UNIVERSITY SPIRIT

Our youthful energy comes from a pervasive excitement about the future – about how all of us can contribute to helping the university grow and succeed.

Approved by the Board of Governors, February 28, 2013

POSITIONING STATEMENT

MacEwan University inspires its students with a powerful combination of academic excellence and personal learning experiences. We provide a transformative education in a creative, collaborative and supportive learning environment.

We are an engaged university at the heart of the city where creativity and innovation thrive, and a unique student experience opens up diverse pathways for achievement and growth.

Approved by the Board of Governors, February 28, 2013

UNIVERSITY MANDATE

Grant MacEwan University is a public, board-governed Baccalaureate and Applied Studies Institution within Alberta's post-secondary system, operating under the authority of the public colleges section of the *Post-Secondary Learning Act*. The University was officially renamed Grant MacEwan University by Order in Council on September 24, 2009.

Grant MacEwan University focuses on four primary types of programming:

- Baccalaureate degrees that prepare learners for employment and for graduate studies.
- Certificate, diploma and applied degree programs that prepare learners for entry to careers and employment, and for continued study in other credential areas.
- University transfer programs that prepare learners for degree completion at other degree-granting institutions.
- Preparatory programming that prepares learners for success in further post-secondary studies.

Grant MacEwan University serves a diversity of learners in the following major areas of study: liberal arts, business/commerce, communications, education, engineering, health and human services, performing and visual arts, physical education and science. The University's innovative approaches to program delivery are designed to maximize graduates' opportunities to advance their careers and further their education.

Grant MacEwan University emphasizes a learner-centred approach to the provision of its programs and services. The University fosters student success through a focus on teaching excellence, interaction among faculty and students, flexible learning delivery and high quality student support. From prospective learners to alumni, students are provided with a wide range of services and support systems, residence and campus life activities, and intercollegiate and intramural sports programs. The University's inclusive governance structure provides many opportunities for leadership development that enable learners to develop skills to enhance their careers and future post-secondary endeavours.

Grant MacEwan University supports a culture of research, scholarship and creative activity to inform pedagogy, support economic and community development, enhance learning, create opportunities for innovation, and foster the application and creation of new knowledge. By incorporating a global focus in its research and teaching, serving a diverse range of Canadian and international faculty and students, and providing opportunities for knowledge dissemination and study abroad, the University aims to provide all researchers and learners with opportunities to develop the skills and attitudes to function successfully in an interconnected world economy and society.

Grant MacEwan University serves primarily the greater Edmonton region and northern Alberta by responding to the learning needs of business, industry, government and communities. Through distance delivery and eCampusAlberta, the University extends educational access across Canada and internationally. As a strong partner in Campus Alberta, Grant MacEwan University collaborates with stakeholders and partners to advance student mobility, conducts applied research, develops shared services and delivers continuing professional education and customized training.

Approved by the Board of Governors, May 20, 2010

Approved by the Deputy Premier and Minister of Advanced Education & Technology: August 18, 2010

CAMPUS LOCATIONS

For hours of operation, visit
MacEwan.ca/Campuses

CITY CENTRE CAMPUS

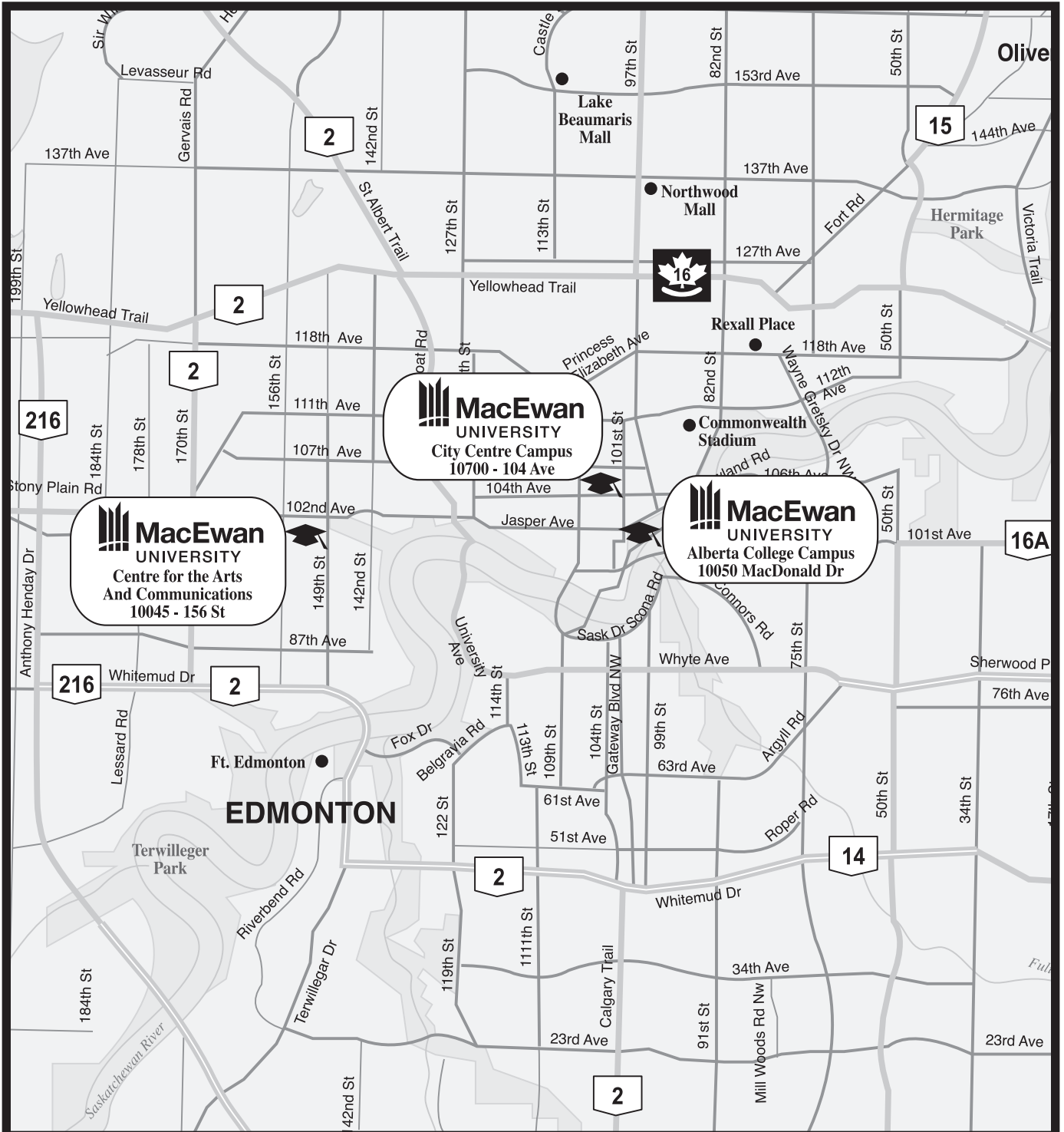
10700 – 104 Avenue NW
Edmonton, AB T5J 4S2
Switchboard: 780-497-5040

CENTRE FOR THE ARTS AND COMMUNICATIONS

10045 – 156 Street NW
Edmonton, AB T5P 2P7
Switchboard: 780-497-4340

ALBERTA COLLEGE CAMPUS

10050 MacDonald Drive NW
Edmonton, AB T5J 2B7
Switchboard: 780-497-5040



PHONE DIRECTORY

GENERAL INQUIRIES AND FREQUENTLY CALLED AREAS

Campus Switchboards

City Centre Campus – Main Campus	780-497-5040
Welcome Centre	780-633-3434
Alberta College Campus (Continuing Education)	780-497-4400
Toll-free	1-855-797-4400
Centre for the Arts and Communications	780-497-4340
Toll-free	1-888-497-4622
Admissions	780-497-5000
Advising – Prospective Students and Financial Aid	780-497-5000
Alumni and Development	780-497-4679
Bookstores	
City Centre Campus	780-497-5482
Griffins Landing	780-497-5463
Centre for the Arts and Communications	780-497-4382
Toll-free	1-866-418-0391
Campus Security (urgent calls only)	780-497-5555
Enrolment/Registration	780-497-5000
Fees and Fee Payments	780-497-5000
MacEwan International	780-497-5397
Library	
City Centre Campus	780-497-5850
Alberta College Campus	780-633-3738
Centre for the Arts and Communications	780-497-4346
Lost and Found	780-497-5554
Medical Clinic	780-497-5699
Parking	780-497-5875
Residence	780-633-8000
Toll-free	1-877-497-4017
Scholarships, Awards and Bursaries	780-497-5033
Technology Support	780-497-4357
Toll-free	1-877-497-4267
Transcripts	780-497-5000

PROGRAMS

Accounting and Strategic Measurement	780-497-5162
Acupuncture	780-497-4610
Arts and Cultural Management	780-497-4364
Asia Pacific Management	780-497-5162
Bachelor of Applied Business Administration – Accounting	780-497-5162
Bachelor of Applied Communications in Professional Writing (suspended)	780-497-5614
Bachelor of Applied Human Service Administration	780-497-5164
Bachelor of Arts	780-497-4505
Bachelor of Child and Youth Care	
Full-time	780-497-5657
Part-time	780-497-4614
Bachelor of Commerce	780-497-5162
Bachelor of Communication Studies	780-497-5614
Bachelor of Education Transfer – see Bachelor of Arts	
Bachelor of Music in Jazz and Contemporary Popular Music	780-497-4436 780-497-4056

Bachelor of Physical Education Transfer	780-633-3594
Bachelor of Psychiatric Nursing	780-497-5874
Bachelor of Science	780-497-4505
Bachelor of Science in Engineering Transfer	780-497-4505
Bachelor of Science in Nursing	780-497-5874
Bachelor of Social Work	780-497-5099
Business Management	
Insurance and Risk Management	780-497-5162
Professional Golf Management (suspended)	780-497-5162
Regular/Aviation Management	780-497-5162
Cardiac Nursing	780-497-5188
Toll-free	1-888-497-9390
Correctional Services	
Full-Time	780-497-5379
Distance	780-497-5186
Design Studies	780-497-4312
Disability Management in the Workplace (suspended)	780-497-5188
Toll-free	1-888-497-9390
Disability Studies: Leadership and Community (suspended)	780-497-5000
Early Learning and Child Care	780-497-5146
Emergency Communications and Response	780-497-5379
English as a Second Language	780-497-4000
Fine Art	780-497-4321
General Studies (suspended)	780-497-4505
Hearing Aid Practitioner	780-497-5723
Toll-free	1-888-497-5622 ext. 5723
Human Resources Management	780-497-5162
Legal Assistant	780-497-5162
Library and Information Technology	780-497-5162
Massage Therapy	780-497-5704
Occupational Health Nursing	780-497-5188
Toll-free	1-888-497-9390
Office Assistant	780-497-5162
Perioperative Nursing for Registered Nurses	780-497-5188
Toll-free	1-888-497-9390
Police and Investigations	
Full-time	780-497-5186
Part-time	780-497-5379
Post-basic Nursing Practice	780-497-5188
Toll-free	1-888-497-9390
Preparation for University and College	780-497-4029
Psychiatric Nursing	
Edmonton	780-497-5874
Ponoka	403-783-7801
Public Relations	780-497-5162
Social Work	780-497-5154
Special Needs Educational Assistant	780-497-5569
Theatre Arts	780-497-4393
Theatre Production	780-497-4393
Therapist Assistant	780-497-5723
Travel	780-497-5162
Wound Management	780-497-5188
Toll-free	1-888-497-9390

DEANS

Faculty of Arts and Science	
Dean, Dr. Craig Monk	780-497-5302
Associate Dean, Administration, Dr. Melike Schalomon	780-497-5302
Associate Dean, Students, Dr. Rob Wiznura	780-497-5302
Faculty of Fine Arts and Communications	
Dean, Denise Roy	780-497-4410
Associate Dean, Dr. Rey Rosales	780-633-3715
Faculty of Health and Community Studies	780-497-5155
Associate Dean, Sharon Hobden	780-497-5181
Faculty of Nursing	
Associate Dean, Dr. Christy Raymond-Seniuk	780-497-5714
Director, Centre for Professional Nursing Education, Shirley Galenza	780-497-4135
Library	
Dean, Debbie McGugan	780-497-5894
School of Business	
Dean, Elsie Elford	780-497-5210
Associate Dean, Students, Gordon Lucyk	780-497-5236
Associate Dean, Research and International, Dr. William Wei	780-633-3535
School of Continuing Education	
Dean, Dr. Heather McRae	780-497-4743

OFFICE OF THE UNIVERSITY REGISTRAR

University Registrar, Mike V. Sekulic	780-497-5039
Associate Registrar, Records and Registration, Frances Billingsley	780-633-3110
Associate Registrar, Information Systems and Scheduling, Michelle Fraser	780-497-5005
Associate Registrar, Admissions and Transfer, Anthony Norrad	780-633-3367

SERVICES FOR STUDENTS

Aboriginal Education Centre	780-497-5382
Athletics – Griffins Teams	780-497-5324
Child Care Centre	780-497-5195
Sport and Wellness – Main Switchboard	780-497-5300
Students' Association of MacEwan University (SAMU)	
City Centre Campus	780-497-5631
Centre for the Arts and Communications	780-497-4441
Alberta College Campus	780-633-3786

Student Affairs General Inquiries	780-497-5063
	780-497-5064

Student Affairs Executive Office	
Executive Director, Student Affairs	780-497-4575
Executive Director's Assistant, Student Affairs	780-497-5414
Student of Concern Team: 24-7 Line	780-497-5555

Director, Security Services	Cell	780-235-2429
Executive Director, Student Affairs		780-497-4575

Wellness and Psychological Services	
Chair, Wellness and Psychological Services	780-497-4114
Centre for the Arts and Communications Wellness and Psychological Services	780-497-4340
Alberta College Campus Wellness and Psychological Services	780-633-3708
Career Development and Experiential Learning (CDEL)	780-633-3512
Manager, CDEL	780-633-3405
Technology Support (ORBIS & Titanium)	780-497-4529
Student Leadership Development and Community Engagement (SLDCE)	780-633-3405
Manager, SLDCE	780-497-3735
MacEwan University Ambassadors	780-497-5817
Golden Key Honor Society	780-497-5817
Team Lead, Student Learner Services & Writing Centre, SLDCE	780-497-5063
Campus Tours and Welcome Desk	780-633-3434
Services to Students with Disabilities (all campuses)	780-497-5886
Chair, SSD	780-497-5811
Toll-free	1-888-497-4622
Student Conduct, Community Standards and Values Academic Integrity Office	780-633-3083
Business Strategy and Financial Operations, Student Affairs Manager, Student Affairs Business & Finance	780-497-4779
Writing and Learning Services	780-497-5063

ADMINISTRATION

Executive Team	
President, Dr. David Atkinson	780-497-5401
Provost and Vice-President Academic, Dr. John Corlett	780-497-5421
Vice-President and General Counsel, Michelle Plouffe	780-497-5750
Vice-President, Finance and Administration and Chief Financial Officer, Brent Quinton	780-497-5446
Vice-President, Integrated Information and Communication Systems & Chief Information Officer, John McGrath	780-497-5890



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ADMISSIONS AND TRANSFER

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A. GENERAL ADMISSION INFORMATION

Each program at MacEwan University has a unique set of admission criteria. Be sure to read the complete admission criteria under the program section of this academic calendar.

B. ADMISSION DATES AND DEADLINES

Term	Opening Date for Applications
Fall term	October 1
Winter term	February 1
Spring/Summer term	May 1 (for the following year)

Deadlines for Applications

Refer to the following link to confirm application deadlines: MacEwan.ca/WCM/Registrar/Admissions/AdmissionDatesDeadlines

C. COMPETITIVE PROGRAMS

Admission to many programs may be competitive based on higher than minimum academic requirements, “other admission criteria” or a combination of both. Applicants are encouraged to apply and submit documents early. In addition, it is important to keep the Office of the University Registrar and the program informed of any changes that may affect admission. Posted competitive ranges may be lowered as the applicant pool is evaluated.

D. EARLY CONDITIONAL ADMISSION

Some programs may extend offers of Early Conditional Admission. Specific criteria is located on the Admissions page at MacEwan.ca/Admissions.

E. CLASSIFICATION OF HIGH SCHOOL COURSES

Acceptable Alberta Education Grade 12 subjects*, other than English Language Arts 30-1, have been classified into the following four groups:

Group A (Humanities)

1. Social 30-1

30-level language other than English

2. Additional 30-level language other than English
3. Aboriginal Studies 30

Notes:

- a. Any one of the following courses will meet the 30-level language other than English requirement: French 21, 20S, 20N, 30S, 30N; French 31, 31A, 31B, 31C, 30-3Y, 30-9Y; French Language Arts 20, 30, 30-1, 30-2; Français 20, 30, 30-1, 30-2; Langue et Literature 20, 30.
- b. Any one of the following courses will also meet the 30-level language other than English requirement: Blackfoot Language and Culture 30; Chinese Language Arts 30; Chinese Language and Culture 30; Cree Language and Culture 30; German Language Arts 30; German Language and Culture 30; Italian Language and Culture 30; Japanese Language and Culture 30; Latin 30; Spanish Language and Culture 30; Ukrainian Language Arts 30; Ukrainian Language and Culture 30. There are other 35-level locally developed courses which may also be used to meet the language other than English requirement.

Group B (Fine Arts)

1. Art 30
2. Art 31
3. Communication Technology Advanced (5 credits)
4. Dance 35
5. Drama 30
6. Music 30 (Choral, Instrumental or General (5 credits)
7. Musical Theatre 35
8. Music 35
9. Performing Arts 35 A, B, or C

Additional 35-level Fine Arts courses may be considered.

Note: Equivalents of Music 30: Conservatory Canada, Grade 8 Practical and Grade IV Theory; Royal Conservatory of Music of Toronto, Grade 8 Practical and Grade II Theory; Mount Royal University, Grade 8 Practical and Grade II Theory. Documents must be presented to Alberta Education for evaluation.

ADMISSIONS AND TRANSFER

Group C (Sciences)

1. Biology 30
2. Chemistry 30
3. Mathematics 30-1
4. Mathematics 30-2 (cannot be used for admission with Mathematics 30-1)
5. Mathematics 31
6. Physics 30
7. Science 30
8. Computing Science (CSE) Advanced Level Career and Technology Studies (CTS) (minimum 5 credits)

Group D (Optional)

1. Applied Sociology 30
2. Cultural and Physical Anthropology 30
3. Experimental Psychology 30
4. International Politics 30
5. Macroeconomics 30
6. Microeconomics 30
7. Philosophies of Man 30
8. Physical Education 30
9. Religious Studies 35 (for approved Schools)
10. Western World History 30
11. World Geography 30
12. World Religion 30
13. Advanced CTS strands as follows:
 - Community Health
 - Construction/Electro Technologies
 - Fabrication Studies
 - Fashion Studies
 - Financial Management
 - Foods
 - Information Processing
 - Legal Studies
 - Management and Marketing

Note: Students using a Group D subject for admission must present either one 5-credit subject or any combination of two 3-credit subjects.

*The Grade 12 courses listed are based on Alberta Education approved curriculum and nomenclature. Prospective applicants from other provinces and territories should visit our website at MacEwan.ca/admissions for out of province equivalencies.

Applicants who are home schooled will be required to complete the Alberta Education diploma examinations (or equivalent) in order to meet any high school course requirements.

F. UNIVERSITY CREDIT SUBSTITUTIONS FOR HIGH SCHOOL COURSES

This chart lists university credit that can be substituted in cases where applicants do not present the appropriate 30 level high school courses. **Note:** 'cr' = credits

University Credits Required

ENGLISH

English (6 cr)

GROUP A (HUMANITIES)

1. Language Other Than English (6 cr)
2. Humanities or Social Sciences (3 cr)

GROUP B (FINE ARTS)

Fine Arts (3 cr)

GROUP C (SCIENCES)*

1. Mathematics (algebra) (3 cr)
2. Mathematics (calculus) (3 cr)
3. Chemistry (3 cr)
4. Physics (3 cr)
5. Biology (includes botany, genetics, microbiology, zoology) (3 cr)**

*Any course from a science discipline may be used as a Group C subject, including PSYC 104 (3 cr).

**For admission into Nursing, Botany and Zoology cannot be used as Biology 30 substitutions.

G. ADVANCED PLACEMENT (AP) COURSES

For admission purposes, MacEwan University will use the higher of either the high school grade or the AP grade. Transfer credit will be granted for AP courses where an AP grade of 4 or 5 is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

AP Course	MacEwan University Equivalent	Credits
Art History	ARTE 1xx	3
Biology	BIOL 1xx	3
Calculus AB	MATH 114	3
Calculus BC	MATH 114	3
Chemistry	CHEM 101/102	6
Chinese Language and Culture	CHIN 102/201	6
Computer Science A	CMPT 114	3
Computer Science A/B	CMPT 114/115	6
English Language and Composition	ENGL 102	3
English Literature and Composition	ENGL 103	3
Environmental Science	SCIOP 1xx	3
European History	HIST 102	3
French	FREN 1xx ¹	6
German	GERM 211/212	6
Government and Politics: United States Comparative	POLS 1xx ²	3
Japanese Language and Culture	JAPN 201/202	6
Latin: Vergil	LATN 101/102	6
Macroeconomics	ECON 102	3
Microeconomics	ECON 101	3
Physics B	PHYS 124/126	6
Physics C: Electricity and Magnetism	PHYS 281	3
Physics C: Mechanics	PHYS 1xx	3
Psychology	PSYC 104 ³	3
Spanish Language and Culture	SPAN 211/212	6
Statistics	STAT 151	3
United States History	HIST 1xx	3
World History	HIST 102	3

1 Student cannot also receive credit for FREN 211/212 at MacEwan University.

2 Student cannot also receive credit for POLS 101 at MacEwan University.

3 Student cannot also receive credit for PSYC 105 at MacEwan University.

H. INTERNATIONAL BACCALAUREATE (IB) COURSES

For admission purposes, MacEwan University will use the higher of either the high school grade or the IB grade. Transfer credit will be granted for IB courses where an IB grade of 5 or higher is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

IB Course	MacEwan University Equivalent	Credits
Biology (higher level)	BIOL 107	3
Business and Management (higher level)	BUSN 1xx	3
Chemistry (higher level)	CHEM 101	3
Classical Languages	LATN 101/102	6
Computing Science (higher level)	CMPT 101 or CMPT 114/115 ¹	6
Computing Science (standard level)	CMPT 101 or 114 ²	3
Dance (higher level)	GENOP 1xx	3
Economics (higher level)	ECON 101/102	6
Economics (standard level)	ECON 101	3
English A1 (higher level)	ENGL 1xx ³	6
Environmental Systems and Society	SCIOP 1xx	3
Geography (higher level)	SCIOP 1xx	3
History (higher level)	HIST 1xx ⁴	3
Islamic History (higher level)	HIST 2xx	3
Language A1 (higher level)	ENGL 1xx	6
Language A2 – German (higher level)	ARTOP 1xx ⁵	3
Language A2 – German (standard level)	ARTOP 1xx ⁵	3
Language ab initio	ARTOP 1xx ⁵	3
Language – Chinese (higher level)	ARTOP 1xx ⁵	3
Language – Chinese (standard level)	ARTOP 1xx ⁵	3
Mathematics (higher level)	MATH 114	3
Music (higher level)	GENOP 1xx	3
Philosophy (higher level)	PHIL 1xx	3
Physics (higher level)	PHYS 124/126	6
Physics (standard level)	PHYS 124	3
Psychology (higher level)	PSYC 104	3
Social and Cultural Anthropology (higher level)	ANTH 1xx	3
Sports, Exercise and Health Science (standard level)	HEED 1xx	3
Theatre (higher level)	THAR 103	3
Theory of Knowledge	PHIL 102	3

1 Student will receive credit for CMPT 101 if Computing Science (higher level HL) is taken prior to 2006, or CMPT 114/115 if Computing Science (HL) is taken 2006 onwards.

2 Student will receive credit for CMPT 101 if Computing Science (standard level SL) is taken prior to 2006, or CMPT 101 or 114 if Computing Science (SL) is taken 2006 onwards.

3 Student cannot also receive credit for ENGL 103 at MacEwan University.

4 Student cannot also receive credit HIST 101 or 102 at MacEwan University.

5 Credit will be assessed on a student-by-student basis.

I. FIVE EASY STEPS FOR ADMISSION

STEP 1: APPLY AND PAY APPLICATION FEE

Applicants may apply online at MacEwan.ca or complete an application form. The application form is available for download at MacEwan.ca/Apply or from the Office of the University Registrar or any Information Centre.

The application requires a non-refundable \$110 (Canadian Dollars) fee. Applications received without the fee will be returned. Application fees are non-refundable and cannot be applied toward tuition.

The application fee must be paid each time an application for admission is submitted.

Paper applications can be mailed or delivered to:

The Office of the University Registrar
MacEwan University
10700 – 104 Avenue NW
Edmonton, Alberta T5J 4S2

All cheques, money orders, and drafts MUST have all of the following imprints by the bank:

- Bank transit/swift number
- Bank account number
- Branch number
- Cheque, money order or draft number

(Examples of acceptable and unacceptable cheques, money orders, drafts and wire transfers can be found at MacEwan.ca/FFI > Tuition and Fees > Make a Payment.)

STEP 2: APPLICANT ACKNOWLEDGMENT

The Office of the University Registrar will send a network ID letter once an application and payment has been received.

The network ID letter will provide applicants with a secure login to the student portal at myMacEwan.ca where the applicant will be able to locate information regarding the admission status and check their secure MacEwan email account. This is an easy way to check the status of your application.

STEP 3: ADMISSION DECISION

If you clear all conditions as listed in your offer of admission, you will automatically be admitted. You can check the decision using your secure login to the student portal at myMacEwan.ca

Admission decisions are not subject to appeal. In cases where the reason for inadmissibility is failure to meet program specific requirements, applicants may discuss concerns with their program or an advisor.

If you are admissible but the quota has been filled, you may be offered a place on a waiting list.

STEP 4: ACCEPT OFFER OF ADMISSION AND PAY DEPOSIT

If you receive an offer of admission, you are required to accept your offer and pay the required deposit:

Fall 2016 – Domestic Applicants

Admissions confirmation deposit - \$200.00 CDN non-refundable

Winter 2017 and onward - Domestic Applicants

Admissions confirmation deposit - \$400.00 CDN 50% refundable if request is received 2 months prior to the intake start term.

Fall 2016 and onward – International Applicants

Out of Country international Admissions confirmation deposit - \$10,000 CDN.

In Country international Admissions confirmation deposit - \$1,000 CDN.

You can accept or decline your offer of admission, using myStudentSystem, accessed through myPortal.MacEwan.ca. Details of the due date and admissions confirmation deposit amount are displayed. Information regarding the deposit and other methods of paying the deposit are available at MacEwan.ca/MakeAPayment.

Failure to accept your offer and/or pay the deposit will result in your offer of admission being withdrawn.

STEP 5: CLEARING ALL CONDITIONS

Ensure that you submit any outstanding items for admission by the date specified in your offer of admission. Applicants are advised to submit all documentation as soon as possible.

If admitted, your offer of admission may include the condition that you complete specific items prior to the start of the program or by a certain date. Read your offer of admission information carefully and take steps immediately to meet any conditions. Upon meeting all conditions, you will be automatically moved to final accepted status. Using your secure login to the student portal at myMacEwan.ca you can (1) check to see if your transcripts have been received and (2) review admission decisions made to date. Check your “To Do” list often.

Failure to meet all conditions by the timelines indicated in your letter of acceptance may result in your offer of admission being rescinded.

J. RE-ADMISSION

Students who were registered in a program, and who have taken a break in their studies of twelve (12) consecutive months or more are required to apply for re-admission to their program, pay the appropriate fee, and meet the admission and graduation requirements in effect at that time.

K. TRANSCRIPTS

Official high school transcripts are essential to the admission process, so ensure that you send them promptly. Also, if you are currently attending or have previously attended another post-secondary institution, you must declare this attendance on your application form and submit these transcripts promptly. Once submitted, all transcripts become the property of MacEwan University; this is a standard practice among post-secondary institutions and is designed to protect the authenticity of the transcript.

Note: If you applied to MacEwan University and have attended an Alberta high school, we will order these transcripts for you. If you have attended one of ApplyAlberta's participating post-secondary institutions, we will order these transcripts for you. Log onto www.ApplyAlberta.ca to track your transcript requests and to view the list of participating institutions.

ALBERTA HIGH SCHOOL TRANSCRIPTS

You may obtain an Alberta high school transcript by contacting Alberta Education by mail, in person or online:

Alberta Education
2nd Floor, 44 Capital Boulevard
10044 – 108 Street NW
Edmonton, Alberta J 5E6
Website: www.education.gov.ab.ca

POST-SECONDARY TRANSCRIPTS

Transcripts of post-secondary grades must be issued and signed by the institution and bear their official seal.

It is not necessary to request official transcripts for coursework previously completed at MacEwan University.

L. TRANSFER STUDENTS

If you have attended another post-secondary institution, courses that you have successfully completed may be considered for credit towards a credential at MacEwan University.

Upon application to MacEwan University, submit official transcripts as soon as available. It is strongly recommended that you submit transcripts by June 15 for fall enrolment and by October 15 for winter enrolment. The official transcripts should include final grades and any credentials awarded.

Transfer agreements for post-secondary institutions in the province of Alberta are available for information and reference at www.transferalberta.ca. Transfer credit listed on the ACAT (Alberta Council on Admissions and Transfer) website will be approved for transfer credit to MacEwan University. Specific credit awards to a program are subject to the requirements and regulations of the admitting program, and may vary from the total credit awarded by MacEwan University. Transfer credit is subject to academic residency requirements per C2100 Graduation or program-specific exemptions and Inter-Institutional Transferability (C2030) policies. You may view MacEwan University policies at MacEwan.ca/PolicyManual

If your previous course(s) is not included on the ACAT website or if your course history is with an institution outside Alberta, you may be asked for course outlines. Course outlines are reviewed by MacEwan University evaluators for credit transfer and then considered with respect to the program for which you have applied for admission. To enable this processing time, ensure your official final transcripts have been received by MacEwan University and be prepared to provide course outlines as required.

Transfer credit is completed after the admission decision and in consideration of the program of study, unless a block transfer is in place and is published. It is the student's responsibility to review the transfer credit granted with respect to the program requirements; discrepancies may be brought to the attention of the Transfer Unit in the Office of the University Registrar. Some programs schedule specific enrolment events for new MacEwan University students and transfer students are strongly encouraged to attend for both information and advice. You are also encouraged to review your program information at MacEwan.ca or to contact the program office for more details.

Domestic and international students, who have completed post-secondary/higher education outside of Canada, refer to the subsection, International Transfer Credit Evaluation, included in the "International Student" section of this academic calendar.

M. DOCUMENT TRANSLATION

Documents not printed in English must also include a certified English language translation. Translations must be literal, word-for-word, and in the same format as the original document. English translation services are provided by several agencies in Alberta, for example:

Members of the Association of Translators and Interpreters of Alberta (ATIA)
Edmonton Office
P.O. Box 546
Edmonton, Alberta T5J 2K8
Phone: 780-434-8384

Edmonton Immigrant Services Association
Suite #201
10720 – 113 Street
Edmonton, Alberta T5H 3H8
Phone: 780-474-8445
Fax: 780-477-0883

N. SKILLS APPRAISAL

Applicants may be required to write admissions tests, depending on the program. The Skills Appraisal is used to assess reading and writing skills. If your intended program requires mathematics, you may be tested in mathematics as well. If you have done appropriate prior coursework in the areas to be tested, you may be exempt from writing the Skills Appraisal. Once your official secondary and/or post-secondary transcripts have been evaluated, we will determine if all or portions of the Skills Appraisal will need to be written. Some programs do not make exemptions and require all applicants to write all portions of the Skills Appraisal. **Note:** there is a fee for this test and results are valid for two years.

For details regarding the tests, re-write information and exemption criteria, refer to the Skills Appraisal brochure or at MacEwan.ca/SkillsAppraisal

O. ENGLISH LANGUAGE PROFICIENCY (ELP)

BACHELOR DEGREES (EXCLUDES THE BACHELOR OF SCIENCE IN NURSING AND PSYCHIATRIC NURSING PROGRAM) FOR ADMISSION TO THE FALL 2016, WINTER 2017 AND SPRING 2017 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant's language of instruction in the last three years of study as the applicant's language for daily written and oral communication.

	TESTS	REQUIRED SCORE	WEBSITE
1	IELTS – Academic International English Language Testing System	Minimum overall band score of 6.5 and a minimum score of 5.5 in each component	www.ielts.org
2	TOEFL Test of English as a Foreign Language	86 iBT (internet-based) and a minimum score of 21 on all 4 sections of reading/listening/speaking/writing or 580 PBT (paper-based) with a minimum score of 50 in each component	www.toefl.org/infobull
3	CAEL (Canadian Academic English Language Assessment)	Minimum overall band score of 70 and a minimum score of 60 in each band	www.cael.ca
4	PTE – Academic Pearson Test of English	PTE Academic with a minimum overall score of 59 and a minimum score of 56 in each band	www.pearsonpte.com
	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
5	Alberta English 30-1 or ELA 30-1	75% (final blended grade)	
6	IB (International Baccalaureate) Higher Level English A1, A2 or English B	6.0 (minimum grade)	www.ibo.org
7	AP (Advanced Placement) – English College Board Exam	4.0 (minimum score)	www.collegeboard.org/ap
8	ENGL-086 ELP for University Reading and Writing AND ENGL-087 ELP for University – Listening and Speaking [formerly ENGL-0106] – Completed at MacEwan University or Global Village, Calgary	B- (minimum grade in each course)	www.macewan.ca/usi
9	ERDW-085 Reading and Writing for Academic Purposes and ESPL-085 Speaking and Listening for Academic Purposes and EOPT-068 Research Writing (formerly ESLG-085/ESLG-0105): Completed at MacEwan University	B- (minimum grade in each course)	www.macewan.ca/esl
10	EAL 140 and EAL 145 : Completed at University of Alberta or Canadian College of English Language	Successful completion of both courses. Official transcripts must be provided.	www.extension.ualberta.ca
11	6 credits of transferable university level English Language and Literature course(s)	B+ (minimum grade in each course)	
12	An O-level, GSCE or IGCSE English Language or Literature course	B (minimum grade)	
13	Previous post-secondary degree	Completed a degree from a recognized post-secondary institution where English is the primary language of instruction and in a country where English is the principal language	
14	Three years of full-time education in English	SUCCESSFUL COMPLETION OF 3 YEARS OF FULL-TIME EDUCATION IN ENGLISH: a) In Canada including the grade 12 year. This can be a combination of secondary and post-secondary education b) In another country where English is recognized as an official language of instruction c) At a recognized school/institution which uses English as the primary language of instruction	<i>Enrolment in English as a Second Language (ESL) courses or programs will not be included in the calculation of three years of full time study. Enrolment must be in a regular high school or post-secondary credit program. Failing grades/courses will not be counted when calculating full time attendance. Only courses with passing grades will be considered.</i>
	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
15	Three years of full-time instruction in a school/institution in Canada in which the major language of instruction is other than English, but where the level of English proficiency required for graduation is equivalent to that in English language schools/institutions in Canada	Successful completion	

An applicant who is completely bilingual and fluent in English shall be entitled to submit a written petition to the Office of the University Registrar providing evidence that the applicant's English language proficiency exceeds the specified minimum levels, and requesting exemption from the language proficiency requirement. If you are fully bilingual and fluent in English, your petition should detail this – your background; your educational and personal experience with English; the language of instruction throughout your schooling and the language you use at home and on a daily basis; why you believe that an exception to the requirement is warranted in your situation. Attestations from former English instructors and reports of any standardized English language proficiency tests may be supportive of your petition.

The International Admissions Unit of the Office of the University Registrar will review the petition for possible waiver. Successful petition will not guarantee admission to another institution.

CAREER PROGRAMS FOR ADMISSION TO THE FALL 2016, WINTER 2017 AND SPRING 2017 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as the applicant’s language for daily written and oral communication.

	TESTS	REQUIRED SCORE	WEBSITE
1	IELTS – Academic International English Language Testing System	Minimum overall band score of 6.0 and a minimum score of 5.5 in each component	www.ielts.org
2	TOEFL Test of English as a Foreign Language	76 iBT (internet-based) and a minimum score of 18 on all 4 sections of reading/listening/speaking/writing or 550 PBT (paper-based)	www.toefl.org/infobull
3	CAEL (Canadian Academic English Language Assessment)	Minimum overall band score of 60 and a minimum score of 60 in each band	www.cael.ca
4	PTE – Academic Pearson Test of English	PTE Academic with a minimum overall score of 51 and a minimum score of 49 in each band	www.pearsonpte.com
	EIKEN Test in Practical English Proficiency	Minimum Grade Pre-1 score	www.stepeike.org
	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
5	Alberta English 30-1 or ELA 30-1	65% (final blended grade)	
6	IB (International Baccalaureate) Higher Level English A1, A2 or English B	5.0 (minimum grade)	www.ibo.org
7	AP (Advanced Placement) – English College Board Exam	3.0 (minimum score)	www.collegeboard.org/ap
8	ENGL-086 ELP for University Reading and Writing AND ENGL-087 ELP for University – Listening and Speaking [formerly ENGL-0106] – Completed at MacEwan University or Global Village, Calgary	C (minimum grade in each course)	www.macewan.ca/usi
9	ERDW-085 Reading and Writing for Academic Purposes and ESPL-085 Speaking and Listening for Academic Purposes and EOPT-068 Research Writing (formerly ESLG-085/ESLG-0105): Completed at MacEwan University	C (minimum grade in each course)	www.macewan.ca/esl
10	EAL 140 and EAL 145: Completed at University of Alberta or Canadian College of English Language	Successful completion of both courses. Official transcripts must be provided.	www.extension.ualberta.ca
	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
11	6 credits of transferable university level English Language and Literature course(s)	C- (minimum grade in each course)	
12	An O-level, GSCE or IGCSE English Language or Literature course	C (minimum grade)	
13	Previous two-year diploma	Completed a two-year diploma from a recognized post-secondary institution where English is the primary language of instruction and in a country where English is the principal language	
14	Three years of full-time education in English	Successful completion of 3 years of full-time education in English: a) In Canada including the grade 12 year. This can be a combination of secondary and post-secondary education b) In another country where English is recognized as an official language of instruction c) At a recognized school/institution which uses English as the primary language of instruction	<i>Enrolment in English as a Second Language (ESL) courses or programs will not be included in the calculation of three years of full time study. Enrolment must be in a regular high school or post-secondary credit program. Failing grades/courses will not be counted when calculating full time attendance. Only courses with passing grades will be considered.</i>
15	Three years of full-time instruction in a school/institution in Canada in which the major language of instruction is other than English, but where the level of English proficiency required for graduation is equivalent to that in English language schools/institutions in Canada	Successful completion	

An applicant who is completely bilingual and fluent in English shall be entitled to submit a written petition to the Office of the University Registrar providing evidence that the applicant’s English language proficiency exceeds the specified minimum levels, and requesting exemption from the language proficiency requirement. If you are fully bilingual and fluent in English, your petition should detail this – your background; your educational and personal experience with English; the language of instruction throughout your schooling and the language you use at home and on a daily basis; why you believe that an exception to the requirement is warranted in your situation. Attestations from former English instructors and reports of any standardized English language proficiency tests may be supportive of your petition.

The International Admissions Unit of the Office of the University Registrar will review the petition for possible waiver. Successful petition will not guarantee admission to another institution.

BACHELOR OF SCIENCE IN NURSING AND PSYCHIATRIC NURSING PROGRAM FOR ADMISSION TO THE FALL 2016, WINTER 2017 AND SPRING 2017 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant's language of instruction in the last three years of study as the applicant's language for daily written and oral communication.

	TESTS	REQUIRED SCORE	WEBSITE
1	IELTS – Academic International English Language Testing System	Minimum overall band score of 6.5 and a minimum score of 5.5 in Reading and Writing, 6.0 in Listening, and 7.0 in Speaking*	www.ielts.org
2	TOEFL Test of English as a Foreign Language	86 iBT (internet-based) and a minimum score of 21 in Reading and Writing, 23 in Listening, and 26 in Speaking*	www.toefl.org/infobull
3	CAEL Canadian Academic English Language Assessment	Minimum overall band score of 70 and minimum scores of 60 in Reading and Writing, and minimum scores of 70 in Listening and Speaking*	www.cael.ca
4	PTE – Academic Pearson Test of English	PTE Academic with a minimum overall score of 59 and minimum scores of 56 in Reading and Writing, 58 in Listening, and 71 in Speaking*	www.pearsonpte.com
5	MELAB Michigan English Language Assessment Battery	Minimum overall score of 85 and a minimum score of 4 in the Speaking Test*	www.lsa.umich.edu/eli/testing/melab

***Note:** The speaking requirement can also be met by successfully completing the Speaking Test (administered through University of Alberta Extension) with a minimum score of 50. Official transcripts must be provided. Refer to www.elp.ualberta.ca or contact at elpinfo@ualberta.ca/Tel: (+1)780-492-3036/Tel: (+1)780-492-5530

	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
6	ENGL 086 ELP for University – Reading and Writing and ENGL 087 ELP for University – Listening and Speaking Completed at Grant MacEwan University or Global Village Calgary <i>(formerly ENGL-086 – 10 credits, ENGL-0106)</i>	B- (minimum grade in each course)	www.macewan.ca/usi
7	ERDW-085 Reading and Writing for Academic Purposes and ESPL-085 Speaking and Listening for Academic Purposes and EOPT-068 Research Writing <i>Completed at Grant MacEwan University (formerly ESLG-085/ESLG-0105)</i>	B- (minimum grade in each course)	www.macewan.ca/esl
8	EAL 140 and EAL 145 and Speaking Test Completed at University of Alberta or Canadian College of English Language	Successful completion of both courses and a minimum score of 50 in the Speaking Test	www.extension.ualberta.ca

Based on policy C5010 Admissions, no petitions or waivers will be considered for the above requirements.

P. THERAPIST ASSISTANT PROGRAM – SPEECH LANGUAGE PATHOLOGIST ASSISTANT MAJOR SPOKEN ENGLISH PROFICIENCY FOR ADMISSION TO FALL 2016, WINTER 2017 AND SPRING 2017 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as the applicant’s language for daily written and oral communication.

	TESTS	REQUIRED SCORE	WEBSITE
1	IELTS – Academic International English Language Testing System	Minimum score of 7.0 on Speaking	www.ielts.org
2	TOEFL Test of English as a Foreign Language	Minimum score of 26 on iBT (internet-based) Speaking	www.toefl.org/infobull
3	CAEL Canadian Academic English Language Assessment	Minimum score of 70 on sub-test for Speaking	www.cael.ca
4	PTE Pearson Test of English	PTE Academic with a minimum score of 71 for Speaking	www.pearsonpte.com
5	Speaking Test Administered through University of Alberta Extension	Minimum score of 50	www.elp.ualberta.ca or elpinfo@ualberta.ca/Tel: (+1)780.492.3036/Tel: (+1)780.492.5530
	EDUCATIONAL EXPERIENCE	REQUIRED SCORE	WEBSITE
6	6 years of full-time education in English	Successful completion of 6 years of full-time education in English in Canada or the equivalent in another country where English is the principal language. Such education must include Alberta Grade 12 (or equivalent level) and can combine secondary and post-secondary training	
7	Previous post-secondary degree	Completed a degree from a recognized post-secondary institution where English is the primary language of instruction and in a country where English is the principal language	

Based on policy C5010 Admissions, no petitions or waivers will be considered for the Spoken English Proficiency requirements.

Q. VISITING STUDENTS

1. Outbound (MacEwan University Students Studying at Another Post-Secondary Institution)

- a. Students enrolled in a program at MacEwan University who wish to take a course(s) offered by another post-secondary institution must obtain approval from their program. The approval process is subject to their Faculty/School regulations and, if granted, students are issued a Letter of Permission (LOP) by the Office of the University Registrar.

Letter of Permission – Authorizes students to take courses at another post-secondary institution as a visiting student. The letter includes the name of the ‘host’ institution, their current academic standing, and indicates the MacEwan University courses for which credit will be granted upon successful completion.

- a. Students who wish to participate in a Study Abroad opportunity should contact MacEwan International regarding the process

2. Inbound (Other Post-Secondary Students Studying at MacEwan University)

- a. Students enrolled at another post-secondary institution who wish to study at MacEwan University should complete the following steps:
 - i. Apply to MacEwan University as an Open Studies student.
 - ii. Submit a Letter of Permission from your home institution authorizing you to attend MacEwan University to the Office of the University Registrar. The LOP must include the specific courses you have been granted permission to register in and your current academic standing.

Only students deemed to be in good academic standing are eligible to enrol.

R. CONTACT INFORMATION

T: 780-497-5000
Toll-free: 1-888-497-4622

ENROLMENT

All students at the university are required to enrol in courses. Students will not be permitted to attend classes unless officially enrolled.

HOW TO ENROL

- Using your MacEwan University Network ID, log into myMacEwan.ca
- Click on the myStudentSystem tab to enrol in your courses and pay your tuition fees

For online instructions on how to use myStudentSystem navigate to our Step-By-Step Guide at MacEwan.ca/Contribute/Groups/Public/Documents/Document/mystudentsystem_guide.pdf

MAKING CHANGES IN COURSES

You may make course additions or course section changes up to the last day for course add/changes as specified in the academic schedule for each term. These changes will be permitted only if space is available in the course section you have chosen. You may drop a credit course without academic penalty any time up to the academic withdrawal date.

BEFORE THE ADD/DROP DEADLINE PUBLISHED IN THE ACADEMIC SCHEDULE:

Most program students are able to drop their courses online up until the withdrawal date published in the Academic Schedule. If you drop a course before the last day to add/drop then no record of that course will appear on your transcript. If you drop a course between the last day to add/drop and the withdrawal date then the course will appear on your transcript and a “W” grade will be assigned to your record.

Note: Any changes may alter your current fee assessment. See the Refund Policies section for more information.

After the “Add/Drop Deadline” each term, if you drop a course you will receive a grade of “W” on your transcript and you will be responsible for the full tuition of the course.

Notifying your instructor, ceasing to attend classes, or stopping payment on a cheque will NOT be accepted as a course(s) drop.

Those who withdraw after the academic penalty withdrawal date, or stop attending any time during the term, will normally be assigned a failing grade.

If there is a change in your fee assessment, you may receive a refund or a fee notice by the Financial Services department.

Note: As all courses may not be offered every term, students should consult the schedule of courses for each term before dropping a course.

STUDENTS WITH DISABILITIES

Students who may require accommodations due to a disability are advised to discuss their needs with Services to Students with Disabilities. Students should also advise instructors at the beginning of the course if accommodations are requested.

STUDENT RECORDS AND TRANSCRIPTS

MacEwan University will create and maintain student records necessary to meet the administrative and academic needs of the university and shall collect, retain, use, disclose, and dispose of all information collected in accordance with the following policies:

- E1050 Management of Student Records and Information,
- D6010 Use of Computer Facilities and Information Resources;
- D7510 Records and Information Management;
- D7230 Information Security;
- Other related policies, official manuals of the university, and provincial/federal legislation pertaining to access to information and protection of privacy.

OFFICIAL STUDENT FILE AND RECORD

The Official Student File and Official Student Record are under the custody and control of the Office of the University Registrar, which is accountable for the management of these records. Student records are managed according to the provisions of Policy E1050 Management of Student Records and Information. Additional records relating to students may also exist in academic areas and in Personal Information Banks elsewhere in the university. Original completed student Releases, Consents, Waivers and other Agreements must be sent promptly for placement on the Official Student File in the Office of the University Registrar.

OFFICIAL STUDENT TRANSCRIPT

An Official Transcript of the student academic record is created, maintained and under the custody and control of the Office of the University Registrar. This is considered confidential information and will not be released without written consent.

The Official Transcript includes the official student name(s), birth date, courses, grades, academic standing statuses, and graduation program, major, minor and date.

To obtain an Official Transcript, write or send a Transcript Request form to the Office of the University Registrar.

Transcripts can be mailed, faxed, picked-up in person by the student, or picked-up by or sent to anyone other than the student. MacEwan University requires the student's written authorization to have transcripts sent to institutions, employers, legal counsel and other agencies or picked-up by a Third Party as this is a release of student personal information. If you want the transcript(s) sent to someone other than yourself or a post-secondary institution, be sure to specify the name and address including postal code.

The student is cautioned that faxing is a less than secure mechanism for transmitting sensitive personal information.

GRADING

MacEwan University utilizes one letter grade system based on the Alberta Common Grading Scheme for the reporting of final grades in credit courses. All final grades shall be reported to the Office of the University Registrar using letter grades. Letter grades shall be converted to the four-point grading scale for the calculation of a Grade Point.

Letter Grade	Grade Point Value	Grade Description
A+	4.0	Outstanding
A	4.0	Excellent
A-	3.7	
B+	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	
C	2.0	Satisfactory
C-	1.7	
D+	1.3	Poor
D	1.0	
F	0.0	Fail
WF	0.0	Withdraw Failure

Grades and notations not included in the GPA calculations:

AU	Audit
CIP	Course In Progress
CR	Completed Requirements
DEF	Deferred
IN	Incomplete
IP	In Progress (continued next term)
NCR	Not Completed Requirements
NGR	No Grade Received
S	Supplemental Privilege (not included in GPA if subsequent grade is recorded)
TR	Transfer Credit
W	Withdrawal (without academic penalty)

Probation

Required to Withdraw

GRADE POINT AVERAGE

Grade Point Value: A grade point value is a number between 0.0 and 4.0 that is assigned to a letter grade.

Grade Point: A Grade Point is defined as Grade Point Value multiplied by course credits and then used to calculate a Grade Point Average (GPA).

Grade Point Average (GPA): The GPA is a weighted average calculated by dividing the sum of all grade points by the sum of all credits attempted. Courses with the notations of W (Withdrawal), TR (Transfer Credit), or AU (Audit) are not included in any GPA calculations.

Term Grade Point Average (Term GPA): The Term GPA is calculated by dividing the sum of grade points achieved in the term by the sum of all credits attempted in the term. The Term GPA is included on the transcript.

Cumulative Grade Point Average (CGPA): The CGPA is calculated by dividing the sum of total grade points achieved by the sum of all credits attempted.

Graduation Grade Point Average (GGPA): The GGPA is calculated by dividing the sum of the total grade points achieved and counted towards a program credential by the sum of all those credits.

Although a pass in a course is D (1.0), in some courses students are required to achieve more than a minimal level of achievement in order to proceed in their program, or to transfer a course to another program or institution.

In order to remain in good standing, a student must obtain an Academic Standing GPA of 2.0 or higher, or for Arts Honours, an Academic Standing GPA of 3.0 or higher.

Students may request the reassessment of written final examinations within 15 calendar days from the date of the official release of the course grades.

Student performance in a course shall normally be assessed on more than one occasion. No single evaluation event shall have a value of greater than 60 per cent of the course grade, with the following exceptions:

- All one-credit courses are exempted;
- Directed Field Studies courses (in Applied Degree programs) may be exempted where a single project or research study constitutes the course requirements;
- Clinical courses in baccalaureate nursing, psychiatric nursing, nursing refresher, and specialty nursing programs may be exempted;
- Four-hundred level seminars, independent study courses, directed research courses, and thesis courses may be exempted.

Deferred Exams – Application for a deferred examination must be made using an Examination Request form no later than two (2) business days after the missed examination or final assessment activity date (also see policy C2005 Final Assessment).

Reassessment of Final Exam – Students can apply for a reassessment of a final examination. This application must be made in writing to the program/department chair responsible for the course. This application must indicate the reason for the application and must be accompanied by proof of payment of the final examination reassessment fee. The application must be made within fifteen (15) days of the official issuance of grades.

Supplemental Examination – Students wishing to write a Supplemental examination shall contact the program/department chair to ascertain eligibility for a Supplemental examination within five (5) calendar days of the posting of grades.

Any student who leaves a co-op job without approval will receive a failing grade for the work term and may be prohibited from continuing in the Co-operative Education program (C2065).

How is a GPA Calculated?

$$\text{GPA} = \frac{\text{sum}(\text{grade point values} \times \text{credits})}{\text{sum of credits}} = \frac{\text{sum of grade points}}{\text{sum of course credits attempted}}$$

Example:

Course	Grade	Grade Point Value	Credits	Total Grade Points
TPPR 109	In progress	-	-	-
SOCI 100	C+	2.3	3	6.9
HIST 260	B-	2.7	3	8.1
FREN 111	F	0	3	0
PSYC 104	W	-	-	-
Total			9	15

$$\text{Term Grade Point Average} = \frac{15 \text{ total grade points}}{9 \text{ credits}} = 1.66$$

Former Grading Scales

1990 – 2004 – No grade of A+

September 1978 to August 1990

A = Excellent: 4 Grade Points/Credit

B = Very Good: 3 Grade Points/Credit

C = Average: 2 Grade Points/Credit

D = Low Pass: 1 Grade Point/Credit

CR = Completed Requirements: Not Calculated in GPA

I = Incomplete: Not Calculated in GPA

W = Withdrew: Not Calculated in GPA

F = Failure: 0 Grade Points/Credit

AUD = Auditor: Not Calculated in GPA

NMR = No Mark Received: Not calculated in GPA Hours of Instruction – May 1982 to August 1990

ACADEMIC STANDING

MacEwan University is committed to academic success and provides a variety of services to help students achieve success. As part of this commitment the university establishes criteria for assessing academic performance and reviews students' performance. The existence of established criteria for academic performance allows students to monitor their own performance. The results of the academic review enable the university to recognize superior performance and to address unacceptable performance. The university undertakes to complete the review of academic standing as quickly as possible. Students are responsible for monitoring their own progress and for seeking assistance.

The categories and criteria for academic merit and good standing follow:

- Graduation with Distinction
Students with a Graduation Grade Point Average (GGPA) of 3.7 or higher shall receive a credential "with

Distinction.” Students must complete all residency requirements to receive this distinction. A notation will be made on the student’s transcript.

- b) **Dean’s List**
Students who maintain a Grade Point Average (GPA) of 3.7 or higher while enrolled in twenty-four (24) or more credits of study in two consecutive terms and not less than twelve (12) credits in any one term shall be entered on the Dean’s List. A notation will be made on the student’s transcript and the dean will send a letter.
- c) **First Class Standing**
Students who have an Academic Standing GPA of 3.30-3.69 while enrolled in twenty-four (24) or more credits of study in two consecutive terms and not less than twelve (12) credits during a term shall be deemed to have attained First Class Standing. A notation will be made on the student’s transcript and the chair of the program will send a letter.
- d) **Good Standing**
Students who have an Academic Standing GPA of 2.0 or higher shall be in Good Standing. No transcript notation will be made.

Students must also achieve satisfactory performance in all clinical, field placement, ensemble setting, or equivalent requirements of their program in order to be in Good Standing or to receive recognition of merit.

Notifications of Unsatisfactory Academic Performance

1. The records of all students are reviewed at the end of each term and academic standing is assessed.
2. Students who have a Term GPA of less than 2.00 are placed on Academic Probation.
3. Students are Required to Withdraw (RTW) when they meet one of the following conditions:
 - Term GPA below 1.50 for two consecutive terms.
 - Term GPA below 1.50 for two non-sequential terms where the student had no enrolment in the terms between.
 - Term GPA below 2.00 for three consecutive terms.
 - Term GPA below 2.00 for three non-sequential terms where the student had no enrolment in the terms between.
4. A student placed on academic probation for a fourth time is subject to review by the program and can be required to withdraw upon the recommendation of the Chair and with the concurrence of the Dean.
5. The performance of a student in a clinical, field placement, ensemble setting, or equivalent may be reviewed at any time, and, if the student is failing to meet the prescribed level of performance, the student may be Required to Withdraw from the learning activity at any point in the term upon the recommendation of the instructor and the Chair and with the concurrence of the Dean. Upon receiving instruction from the Dean to withdraw the student, the University Registrar (or designate) shall notify the student in writing.
6. A student who fails to complete a prerequisite course designated as being required for progress in the program may be Required to Withdraw from the program. Upon receiving instruction from the Chair to withdraw the student, the University Registrar (or designate) shall notify the student in writing.

Students who are placed on Academic Probation are advised in writing by the Office of the University Registrar of the consequences of Academic Probation and requirements to regain Good Standing. Students also receive information about sources of assistance available within the university.

Students who have been Required to Withdraw are advised in writing by the Office of the University Registrar of the consequences of being Required to Withdraw, requirements for re-admission, and sources of advice within the university.

The transcript indicates if a student has been Required to Withdraw or placed on Academic Probation due to unsatisfactory standing. This notation is not removed from the transcript.

Conditions of Unsatisfactory Academic Standing

1. After being assigned a standing of Academic Probation, to regain Good Standing a student must, achieve a term grade point average of 2.0 or higher.
2. Programs may require probationary students to limit the number of credits in which they enroll and to engage in remedial activities. In cases where programs limit the number of credits and/or require students to engage in remedial activities, these requirements shall be communicated in letters, sent by the program area, informing students of the requirements set by the program for probationary status.
3. Students who have been Required to Withdraw for unsatisfactory academic performance may be considered for re-admission after 12 or more months have elapsed since the student was Required to Withdraw.
4. Re-admission after Required to Withdraw is not guaranteed (See policy C5010 (Admissions) for regulations regarding re-admission).

Appeals

Students wishing to appeal their Academic Standing must follow the Regulations as set out in E3103 (Student Appeals). For purposes of this policy, the Chair shall be considered the initial ruler of the decision.

CHANGE OF NAME OR ADDRESS

This information is considered confidential and is only used for official university business. Having current name, address and contact information on file with MacEwan University is critical to effective university communications with students.

Change of Name: All name changes must be submitted in writing or on the appropriate form to the Office of the University Registrar, and accompanied by at least one of the following official government issue identification (ID): valid driver’s license, provincial ID card, passport, or citizen documentation. Only current ID will be recognized as valid. Expired ID will not be accepted for a name change.

Change of Address: All program students at MacEwan University are given access to myStudentSystem via . This allows students to change their address and telephone number via the web. Students may also complete a Notification of Change of Address form or mail a post office change notice to the Office of the University Registrar.

FEES

APPLICATION FEES

Applying to a program? Remember to include your application fee of: \$110.00 per application. For most of our programs you will be able to select a second choice program within the same application.

Fees must be submitted each time an application is submitted. Application fees are non-refundable and cannot be applied toward tuition.

ADMISSION CONFIRMATION DEPOSIT

To guarantee your position in the program, you must accept your offer of admission and pay the Admission Confirmation Deposit within 45 days of your date of acceptance.

All cheques, money orders, and drafts MUST have all of the following imprints by the bank:

- bank transit/swift number
- bank account number
- branch number
- cheque, money order or draft number

For Canadian applicants, the most convenient method to pay your program deposit is online.

ADMISSIONS RELATED FEES AND DEPOSITS

FEE DESCRIPTION	FALL 2016 APPLICANTS	WINTER 2017 ADMISSION INTAKE ONWARD	ALL ADMISSION INTAKES IN THE 2017-2018 ACADEMIC YEAR
Application for Admissions Fee	\$110.00	\$110.00	\$110.00
Admission Confirmation Deposit (applied towards tuition)	\$200.00	\$400.00*	\$400.00*
Admission Confirmation Deposit for an International Applicant Residing Outside of Canada at Time of Application (applied towards tuition)	\$10,000.00	\$10,000.00	\$10,000.00
Admission Confirmation Deposit for an International Applicant Residing Inside of Canada at Time of Application (applied towards tuition)	\$1,000.00	\$1,000.00	\$1,000.00
Outbound Exchange Student Application Fee	\$100.00	\$100.00	\$100.00
Returning Student Deposit (applied towards tuition)	\$150.00	\$150.00	\$150.00

*Effective the Winter 2017 admissions intake, students may be eligible for a 50% refund of their Admission Confirmation Deposit if they notify the Office of the University Registrar in writing of their intent to withdraw from the university by the following deadlines: Fall Term – July 1st, Winter Term – November 1st and Spring/Summer Term – March 1st.

International applicants will receive a 100 per cent refund of their Admission Confirmation Deposit if the Study Permit is denied and a copy of the denial letter from Citizenship and Immigration Canada is received by the Office of the University Registrar. International applicants who decide not to attend MacEwan University, may be eligible for a refund of up to 50 per cent of the Admission Confirmation Deposit.

CONTINUING / RETURNING STUDENT DEPOSIT

If you are a continuing/returning student you may be required to pay a returning student deposit of \$150 each year to confirm your enrolment in your program. This payment will be allocated towards your tuition. Continuing/Returning student tuition deposits are non-refundable. This payment must be made even if you have applied for student loans, scholarships, bursaries, or sponsored payments. This deposit must be paid on or before 4:30pm on August 1 each year. If payment is not received by this date, your course enrolment in the upcoming academic year will be canceled.

TUITION AND SERVICE FEES

As a post secondary student you are expected to make a direct financial contribution to the operating costs of your educational activity. Tuition fees, which are fees for instruction, are established and reviewed on an annual basis through the university's approval process in accordance with the provincial tuition fee legislation. Service fees are developed and approved through the university's fee approval process and are reviewed on an annual basis. Service fees are defined as fees for specified products or services and are either mandatory or optional. All fees for service must be paid at the time they are assessed. Fees related to undergraduate course registration(s) must be paid prior to the publish deadline in the annual academic schedule produced by the Office of the University Registrar.

2016 - 2017 PER CREDIT TUITION RATES BY PROGRAM¹

PROGRAM	CANADIAN ²	INTERNATIONAL
Academic Pathways ³	\$222	\$553
Accounting and Strategic Measurement	\$134	\$553
Acupuncture	\$305	\$553
Arts and Cultural Management	\$154	\$553
Asia Pacific Management	\$154	\$553
Bachelor of Applied Business Administration - Accounting	\$134	\$553
Bachelor of Applied Communications in Professional Writing	\$134	\$553
Bachelor of Applied Human Service Administration	\$180	\$553
Bachelor of Arts	\$154	\$553
Bachelor of Child and Youth Care	\$154	\$553
Bachelor of Commerce	\$154	\$553
Bachelor of Communication Studies	\$209	\$553
Bachelor of Music in Jazz and Contemporary Popular Music	\$180	\$553
Bachelor of Physical Education Transfer	\$134	\$553
Bachelor of Psychiatric Nursing	\$180	\$553
Bachelor of Science	\$180	\$553
Bachelor of Science in Engineering Transfer	\$134	\$553
Bachelor of Science in Nursing	\$180	\$553
Bachelor of Social Work	\$180	\$553
Business Management	\$134	\$553
Cardiac Nursing Post-basic Certificate	\$222	\$553
Correctional Services	\$134	\$553
Design Studies	\$134	\$553
Disability Management in the Workplace	\$134	\$553
Disability Studies: Leadership and Community	\$134	\$553
Early Learning and Child Care	\$134	\$553
Emergency Communications and Response	\$134	\$553
English as a Second Language ³	\$209	\$553
Fine Art	\$134	\$553
General Studies	\$154	\$553
Hearing Aid Practitioner	\$154	\$553
Human Resources Management	\$180	\$553
Legal Assistant	\$134	\$553
Library and Information Technology	\$209	\$553
Massage Therapy	\$154	\$553
Music (<i>Diploma</i>)	\$134	\$553
Occupational Health Nursing	\$180	\$553
Office Assistant	\$134	\$553
Open Studies	\$222	\$553
Perioperative Nursing for Registered Nurses	\$222	\$553
Police and Investigations	\$134	\$553
Post-Basic Nursing Practice	\$222	\$553
Preparation for University and College ³	\$154	\$553
Psychiatric Nursing (<i>Diploma</i>)	\$180	\$553
Public Relations	\$134	\$553
Social Work (<i>Diploma</i>)	\$134	\$553
Special Needs Educational Assistant	\$134	\$553
Theatre Arts	\$134	\$553
Theatre Production	\$134	\$553
Therapist Assistant	\$134	\$553
Travel	\$134	\$553
Wound Management Post-basic Certificate	\$222	\$553

¹Tuition fees are calculated by taking the number of course credits multiplied by the per credit tuition rate for your program.

²The Canadian category includes Permanent Residents and Convention Refugees.

³Tuition fees for academic upgrading (high school) and English language preparation **courses** are calculated by taking 60% of the number of course credits multiplied by the per credit tuition rate for your program.

FEES

2016-2017 MANDATORY TERM FEES

Information Technology Fee	\$34.50	\$34.50
Medical Clinic Δ	\$10 (at 6+ credits)	\$10 (at 6+ credits)
Registrarial Service Fee	\$13 (full-time, 9 credits +)	\$13 (full-time, 9 credits +)
	\$6.50 (part-time, 1-8 credits)	\$6.50 (part-time, 1-8 credits)
Sport & Wellness Fee Δ	\$84 (at 6+ credits)	\$84 (at 6+ credits)
Dental Benefit Fee Δ	\$49 (at 9+credits)	
Global Education Fee	\$3.50 (at 9+credits)	
Health Care Benefit Fee Δ	\$67 (at 9+credits)	
Student Association Fee	\$13 (maximum \$117/term at 9+ credits)	\$13 (maximum \$117/term at 9+ credits)
U-Pass Fee Δ	\$170.00	\$170.00

Δ not applicable for off-campus programs

2016-2017 OTHER FEES

FEE DESCRIPTION	AMOUNT	FEE DESCRIPTION	AMOUNT
Challenge Exam/Prior Learning Assessment	\$40.00	Non-Program International Student Service	\$50.00
Course Audit (for students choosing to audit a course versus completing a course for credit)	50% of course tuition	Photo Identification Card	\$10.00
		Photo ID Card Replacement	\$10.00
Deferred Examination	\$50 for single exam; \$100 for 2+ exams	Reassessment of Final Exam	\$20.00
		Replacement T2202A Tax Receipt	\$20.00
Extension to Incomplete Grade	\$50.00	Returned Cheque (NSF)	\$40.00
Field Placement/Practicum Identification Card	\$10.00	Skills Appraisal/Skills Appraisal Rewrite	\$50.00
Locker Fees per term	\$12.00	Tuition Payment Plan	\$50.00
Locker Contents Reclaiming	\$10.00		

INFORMATION TECHNOLOGY FEE

This fee was established to fund technology projects that specifically result in providing new or improved technology services that benefit students.

MEDICAL CLINIC

These fees support Health Services for all students. If you are in need of medical support, please drop in or make an appointment MacEwan Health Service's easily accessible medical clinic located on the City Centre Campus. For a list of services visit <http://www.macewanhealth.ca/>

REGISTRARIAL SERVICE FEE

This fee covers a variety of services offered by the Office of the University Registrar, they include but are not limited to, your Application to Graduate, Parchment Replacement, Confirmation Letters and cost of Undergraduate Transcripts.

SPORT AND WELLNESS FEE

MacEwan University supports the value of developing the whole person by providing students with opportunities to grow intellectually, socially, personally and physically. The Sport and Wellness fee provides students a membership to Sport and Wellness, funding for Recreation programming and Griffins Athletics.

STUDENTS' ASSOCIATION OF MACEWAN UNIVERSITY (SAMU) CHARGED TERM FEES

STUDENTS' ASSOCIATION FEE

The Students' Association of MacEwan University (SAMU) is the student government body that represents and serves MacEwan University students. SAMU is a statutory corporation established under section 93 of the Post-Secondary Learning Act that operates offices on all MacEwan University campuses.

Purpose

The Students' Association of MacEwan University exists to:

- act as the sole representative body for all MacEwan University students
- oversee all student-operated facilities on campus
- provide a wide variety of excellent student services
- enhance students' overall university experience
- provide meaningful volunteer opportunities for students
- coordinate special events and activities
- provide leadership development designed to complement students' academic pursuits
- act as the official medium of communication between the students and the university's Board of Governors and Academic Governance Council
- develop and manage student clubs and organizations
- liaise between the students, the university, and various levels of government
- help interpret university policies with and for students
- promote the general welfare of students consistent with the purposes of the university
- administer student funds and affairs
- provide a social centre

The SAMU membership fee is \$13 per credit to a maximum of nine credits during the Fall, Winter and Spring/Summer terms.

Any student enrolled in one to eight credits for either the Fall term, Winter term or Spring/Summer terms and paying partial membership fees may choose to pay the remainder of the SAMU membership fee. This additional payment will give the student full membership in SAMU and access to selected SAMU services.

GLOBAL EDUCATION FEE

This fee provides funds to overseas educational projects for underprivileged schools and students (\$1); and sponsors refugee students' attendance at MacEwan University (\$2.50).

SUPPLEMENTAL HEALTH CARE AND DENTAL FEE

A mandatory Supplemental Health Care and Dental Care fee is charged to all full time, on-campus credit program students as part of the enrolment process. Student eligibility for health and dental plans is determined and assessed in the Fall term for coverage until December 31 and again in the Winter term for coverage until August 31. Any student with proof of alternate coverage for supplemental health care and/or dental care may opt out of these plans prior to the advertised deadline date by contacting the plan administrator. The health plan is above and beyond your provincial insurance plan, and the dental plan has a list of specified dentists. For more information about your eligibility, policy content, family add-on, opt out, and current network dental list visit SAMU.ca/Health-Dental

U-PASS FEE

The Universal Transit Pass (U-Pass) is a mandatory fee-based service that is charged to all students who are registered for 1 (one) credit or more in a single term. The U-Pass gives all MacEwan University students unlimited use of regular ETS, St. Albert and Strathcona bus and LRT service from September to August. At MacEwan University, SAMU administers the U-Pass and will attach a U-Pass sticker on the MacEwan University Student ID card from late August to early September for the Fall term, from December to early January for the Winter term and from the end of April to early May for the Spring/Summer term. For more information, visit SAMU.ca/UPass.

PAYING YOUR FEES

The university provides several payment methods for tuition and all other fees. The most convenient method is online through *myStudentSystem* or through *Internet or telephone banking*.

All major banks and credit unions offer Internet and telephone banking. To use these services to pay your tuition and related fees, note the following:

- Register with your bank to make online bill payments.
- Select **MacEwan University** as the payee. If MacEwan University is not listed as a payee, try searching for Grant MacEwan University or Grant MacEwan College. If that is not successful, contact your bank.
- The account number will be your seven-digit **student ID number**.
- For Internet or telephone banking, the payment will be considered received as of the transaction date; however, it might not show up in your balance in *myStudentSystem* for up to five business days, as it takes time for the payment to be processed.

SPONSORED STUDENTS

If your fees are being paid by a sponsor, you must obtain a letter from the sponsoring agency. A copy of this letter must be received in Financial Services prior to enrolment or it must be presented on enrolment day. Sponsorship approval may be emailed to AcctRec@macewan.ca or faxed to 780-497-5450. Refunds for sponsored students will be made directly to the sponsoring agency.

REFUNDS

(EXCERPT FROM POLICY E2112)

Refunds for tuition and fees will be actioned according to the guidelines as set out in Policy E2112 Refunds of Tuition and Student Fees.

Tuition and Special/Material Fees Refund

As a student, you are responsible to formally drop or withdraw from courses you no longer wish to attend according to deadline and other information published by the Office of the University Registrar.

The deadlines listed in the academic schedule for dropping and withdrawing from courses are strictly adhered to.

For course drops, the amount refunded is calculated according to the scheduled refund category. The effective drop date is the date reported by the Office of the University Registrar (not the date the student stops attending classes) or the date the transaction was recorded on the student information system via a web transaction.

Non-attendance, notifying your instructor that you have stopped attending classes, NSF cheques or stopping payment on a cheque do not constitute notice of a course drop or

course/program withdrawal. You will be responsible for any outstanding tuition and student fees. Refer to policy E1055 Withdrawal from University Programs.

Refund Categories for Degree, Diploma and Certificate Programs in the Undergraduate Career

Refund Category U1: Regular session courses that follow the Academic Schedule:

U1 100% Refund: Students must officially drop the course on or prior to the add/drop deadline as indicated in the Academic Schedule. There is no refund after this date.

Refund Category U2: Variable session courses not in alignment with the Academic Schedule:

U2 100% Refund: Students must officially withdraw within 5 calendar days from the start of the course. There is no refund after this date.

Refund Category U3: Courses that require a non-refundable deposit (courses may include but are not limited to those with a travel abroad component):

U3 Refund: Prior to the published refund deadline date, students may receive a full refund less the non-refundable deposit. No refund is available after the published deadline date.

Miscellaneous Refund Policies

Refund Category M1: Other Fees and Sponsorships

M1 Refund A: If “other” items are provided or distributed prior to or on the first day of class, there will be no refund available once the course has started. A 100 per cent refund will be available prior to the course start date if items are returned in unused/new condition.

M1 Refund B: When courses are offered on behalf of or paid for by another learning institution or sponsoring agency, the refund category will be in accordance with the signed contract. Students must contact their program for further refund details.

Appeals

Decisions of the university with respect to refunds are not subject to appeal under policy E3103 (Student Appeals). However, the University Registrar (or designate) may review requests per regulation 4.8.

TAX RECEIPTS

T2202A tax receipts will be made available to students online via MyPortal.MacEwan.ca in February. Tax receipts will not be mailed and will only be accessible via the web.

G.S.T.

G.S.T. is applied to material fees. G.S.T. is not applied to tuition fees.

EDUCATIONAL FUNDING, SCHOLARSHIPS AND AWARDS

GOVERNMENT STUDENT LOANS

Government student loan programs are available based on your province of residence and financial need.

For Alberta residents considered to be studying full-time, an online application is recommended as the processing time is much quicker – most students are approved in up to two weeks versus four to six weeks for a paper application (note that part-time students can only apply by submitting a paper application). Through one application, Student Aid Alberta will assess your eligibility for Alberta Student Loans, Canada Student Loans and, if you qualify, for grants.

While loans must be repaid, grants do not – as long as you remain a full-time student for your period of study. You can apply online for your funding via Student Aid Alberta (at www.studentaid.alberta.ca) Applications for funding are generally made available in June or July for studies commencing on or after August 1. We recommend applying early – at least eight weeks before your studies start. You do not have to be accepted to your program in order to apply for your loan funding; however, you do need to be registered full-time in your program to receive your money.

No interest accumulates on your loans as long as you are a full-time student, and you don't have to start paying back your loans until six months after you stop being a full-time student. If at any time you can't make your payments, student loan programs offer a Repayment Assistance Plan.

For more information about government student loans, visit www.studentaid.alberta.ca, www.canlearn.ca or MacEwan.ca/StudentLoans

STUDENT SCHOLARSHIPS, AWARDS AND BURSARIES

In recognition of your dedication and hard work, you may be eligible for many scholarships, bursaries and awards.

MacEwan University's scholarships recognize academic excellence, while awards also recognize students' involvement and service in the community. Many dedicated students who face financial challenges may benefit from MacEwan University's bursaries, which are issued on the basis of financial need and good academic standing.

In the 2014/2015 academic year, the Student Awards Office managed the distribution of \$7.4 million dollars, from internal and external sources, to more than 5,000 students. To see the scholarships, bursaries and awards offered to MacEwan University students visit MacEwan.ca/Scholarships. To apply online, go to MyPortal.MacEwan.ca and look under "Financial".

OTHER FUNDING OPTIONS

Depending on your educational/career goal, financial need and/or personal situation, there may be other options to help you finance your education such as:

- Educational Savings Plans
- Advancing Futures Bursary
- Alberta Works (ESL, Preparation for University and College)
- Northern Alberta Developmental Council Bursary
- Financial/Banking Institution Student Line of Credit

For more information about your funding options, visit our Fees and Financial Information page at MacEwan.ca/FFI or contact an advisor in the Office of the University Registrar at 780-497-5000 or 1-888-497-4622 (toll-free) or info@macewan.ca

INTERNATIONAL STUDENTS

MacEwan University welcomes all international students to our world class institution. The university's commitment to being a leader in international education is reflected in all areas of programs and services. Our strong international reputation for excellence is based on more than 40 years of providing quality education to thousands of students from around the world. Whether you want to improve your English skills, academic preparation, or complete a degree, diploma or certificate program, MacEwan University will work with you to help you meet your academic goals. It is a privilege and pleasure to be your first choice in higher education.

IMMIGRATION, REFUGEES AND CITIZENSHIP CANADA RULES AND REGULATIONS

International students attending MacEwan University are responsible for familiarizing themselves with the Immigration, Refugees and Citizenship Canada rules and regulations regarding study permits, work permits and temporary resident visas. Under the new Immigration and Refugee Protection Act (IRPA), Section 91, MacEwan University is unable to provide advice to international students relating to immigration applications; however, international advisors are able to refer students to websites, accredited professionals and community agencies for assistance with these matters. The Office of the University Registrar issues letters and other documents required by international students for study permit and visa renewals. If you are currently studying in Canada, you may contact the Immigration, Refugees and Citizenship Canada Call Centre at 1-888-242-2100 for assistance.

INTERNATIONAL STUDENT SERVICES

MacEwan International offers a range of services to help international students be successful in their studies. International advisors assist students with understanding their program of study and how to access additional academic, social, and career support services.

ADMISSION REQUIREMENTS TO DEGREE AND CAREER PROGRAMS

- High School diploma or equivalent, or the required secondary courses as specified by the program.
- English language proficiency requirements (see MacEwan.ca/ELP).
- Other program specific requirements (see academic calendar, program publications or MacEwan.ca for further details).

ENGLISH LANGUAGE REQUIREMENTS

Refer to the English Language Proficiency (ELP) requirements in the Admissions and Transfer section of the Academic Calendar.

APPLICATION PROCESS

Submit an application through www.applyalberta.ca

After you have submitted your online application, scan copies of the following to rointernational@macewan.ca:

- All educational documents and certified word-for-word English translations for documents that are not in English
- English Language Proficiency (ELP) test results, such as IELTS or TOEFL
- A valid passport document

Remember to include your full name and Student ID number in the body of your email. Full details available at MacEwan.ca/International

International Tuition Costs

CREDIT COURSES

All international students who are registered in a MacEwan University program are assessed tuition fees on a per credit basis according to the published fee table. Refer to the International Tuition Fees table in the Fees section of the academic calendar. Estimated program costs for international students are also available from the university's website at MacEwan.ca/FFI.

NON-CREDIT COURSES

International students taking non-credit courses are charged twice the Canadian tuition fee. This is in addition to any credit tuition charges. Fees for international students enrolled in non-credit programs and courses within the School of Continuing Education vary. Refer to the website at Macewan.ca/SCE.

INTERNATIONAL TRANSFER CREDIT EVALUATION

Upon acceptance to a degree, diploma or certificate program at MacEwan University, students with post-secondary/higher education completed outside of Canada can submit a Request for Transfer Credit.

For each course previously completed with similar content to a MacEwan University course, a Request for Transfer Credit form and detailed, descriptive course syllabi and outline must be submitted. The course syllabi and/or outline MUST be in English and the student is responsible for having the translations completed. At least 80 per cent of the content from the incoming course must be equivalent to the MacEwan University course to be considered for transfer credit.

Complete instructions and forms can be found at MacEwan.ca/Transfer, under the International tab.

CONTACT INFORMATION

Veronique Khamly, International Advisor
Nataliya Oliferchuk, International Advisor
Erin Wight, Manager, International Student Services
T: 780-497-5397
E: international@macewan.ca

Executive Director
Kimberley Howard, BA(H), M.Ed., MBA

Specialized Programs for International Students

ACADEMIC PATHWAYS PROGRAM (APP)

APP provides English as a Second Language (ESL), Preparation for University and College (academic upgrading), and professional development courses to international students. Additional information is available through the School of Continuing Education.

ADMISSION CRITERIA

To be evaluated through the Office of the University Registrar.

All students applying to APP must present a minimum level of English Language Proficiency (ELP). The minimum ELP requirement to enter the lowest level of ESL classes offered is the Canadian Language Benchmark (CLB) 4 with no skill under 4, Academic IELTS 4.0, Academic TOEFL iBT 39, TOEIC 405, or CAEL 40.

PROGRAM OF STUDY

An advisor will develop an individualized study plan for each APP student to help them complete their ESL and/or high school courses. All APP students are expected to consult regularly with an advisor to ensure they are undertaking the appropriate coursework and progressing in their studies. Students who have successfully completed APP may apply for admission to a university degree, diploma or certificate program; however, admission is not guaranteed.

CONTACT INFORMATION

School of Continuing Education

T: 780-497-4400

E: SCE@macewan.ca

MacEwan.ca/AcademicPathways

INSTITUTIONAL GRADUATION REGULATIONS

MacEwan University has institutional graduation regulations for all Ministry approved programs. Each student must fulfill all of the following regulations in order to be eligible to graduate with a MacEwan University credential. Details are available in the university's Graduation Policy C2100 and other relevant policies as noted below.

Academic Residency – A student must complete at least 50 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 50 per cent. Approved exemptions are noted in the program section.

Attendance – A student must comply with any course or program attendance and punctuality requirements as noted in degree or program regulations, course outlines or program handbooks. In addition, sponsored students may have special attendance requirements.

Graduation Grade Point Average – A minimum Graduation Grade Point Average (GGPA) of 2.00 on the 4.00 scale is required. For Honours programs, a minimum Graduation Graduation Grade Point Average (GGPA) of 3.00 on the 4.00 scale is required.

Minimum Course Grade – The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. Some programs may require the achievement of a specific grade in a course for graduation purposes. For specific course grade requirements, refer to your program of study.

Minimum Transfer Grade – A minimum course transfer grade of D is required except when a higher grade is specified as a program requirement for graduation – see “Minimum Course Grade” in the Program of Study (C2030 Inter-Institutional Transferability).

Non-duplicative Coursework – Each course completed for credit or for which transfer credit is granted may be used only once for credit towards fulfilling any program requirement.

Prerequisites/Co-requisites – Each student is responsible for fulfilling each course prerequisite(s) or co-requisite(s) as listed in the course description (E3101 Student Rights and Responsibilities).

Program Time Limit – The period of time permitted for completion of program requirements varies by credential type and starts from the first day of the term of acceptance for all credential types as follows (C2075 Program Time Limits):

1. Certificates – 4 years
2. Post-Diploma Certificates – 3 years
3. Post-Basic Certificates – 3 years
4. Diplomas – 7 years
5. Applied Degrees of two year duration – 6 years
6. Applied Degrees of four year duration – 10 years
7. Baccalaureate Degrees – 10 years

Approved exemptions are noted in the program section.

Repeating Credit Courses – A student in a credit course shall be allowed to repeat any course one additional time, regardless of whether the initial registration resulted in a failing or passing grade (C1035 Repeating Credit Courses). Course Withdrawals (W) and Audits (AU) do not count as course attempts.

Required English Course – A student in a Ministry approved program shall take an English course as specified in the Program of Study (C1030 Required English Course).

POLICIES

A comprehensive listing of all university policies may be found on the university's website at MacEwan.ca/PolicyManual Click on the Current Policies tab to find specific policies under Academic or Student Services.

As a student, it is your responsibility to know and understand the university policies that apply to you. If you have questions about a policy, contact your program or the Office of the University Registrar.



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MacEWAN UNIVERSITY SERVICES FOR STUDENTS

ABORIGINAL EDUCATION CENTRE (AEC)

The Aboriginal Education Centre (AEC) is committed to enhancing Aboriginal student experience by offering encouragement, providing support and guidance throughout their educational journey. The AEC works in partnership with regional Aboriginal communities and organizations to ensure Aboriginal students are supported academically and are connected culturally and socially to their learning environments.

The AEC assists Aboriginal students with navigating the transition to University life and meeting its challenges. Information and services include, but are not limited to:

- Direction concerning time management, organization, course selection/work load, study and writing skills
- Access to tutors and additional student services such as the Writing and Learning Centre, Career Services, Services for Students with Disabilities and program advisors
- Information about bursaries and scholarships; assists with application process
- Advocate with students regarding issues such as discrimination/harassment; cultural exclusion; academic concerns
- Liaison between the University, Aboriginal education organizations and/or individual bands
- One-on-one connection with Elders, traditional teachings through Elders and community educators and access to smudge and additional ceremonial practices
- Connection with the Aboriginal Student Club- a student group which aims to create a spirit of friendship and partnership with both the university and Aboriginal communities, as well as supporting and encouraging fellow students

The Aboriginal Education Centre provides students with a place to gather, work and grow in a community environment that honors the distinctive knowledges of Aboriginal peoples. The AEC is located on the main floor of Building 7 (7-131) and is a friendly, welcoming place with quiet study space, student computers and kitchen facilities. Students are encouraged to spend time in the Centre to connect with one another, access resources and student supports.

We support future students in achieving their education goals through academic advising on programs, funding options, bursaries and connections to community resources. We are able to visit communities and high schools to share what MacEwan University and the Aboriginal Education Centre has to offer through participation in career/resource fairs and presentations.

The AEC facilitates recognition and understanding of Aboriginal knowledge, culture and history in the greater campus community. It advocates for increased supports for Aboriginal initiatives across MacEwan's campuses and more engaged relationships with Aboriginal communities and organizations.

ALUMNI STATUS

Students qualifying to be alumni (all students who graduate with a Ministry-approved credential) will have their name, address, telephone number, email, student number, date of birth, gender, program of graduation and faculty transferred to the alumni database at the time of graduation. All graduates of the university automatically, and without fee, become alumni members of MacEwan University.

This personal information will be used by Alumni and Development only for specific university alumni relations and fund development purposes. It will be used to register individuals as members and to communicate with alumni concerning university and alumni benefits, services or initiatives. Alumni information will also be used for fund development solicitation purposes. The alumni database is in the custody of and under the control of MacEwan University.

Individuals may contact the Alumni and Development office for any of the following reasons:

- they do not wish to receive promotional or other material through the mail
- they do not wish to be contacted at all
- they want all their personal information permanently removed from the alumni database

For more information, visit MacEwan.ca/Alumni

CHILD CARE CENTRE

MacEwan University's Early Learning and Child Care Lab School is a rich, inclusive environment for children aged 19 months through six years. Qualified early childhood educators work closely with families ensuring a warm, healthy, safe environment for play, care, learning and development. Knowledgeable educators engage children and their families in designing an integrated curriculum, focused on broad holistic goals for young children's learning. Responsive educators create daily experiences and routines that promote play, well-being, early literacies, and caring relationships. The indoor and outdoor environments are purposefully designed to stimulate exploration, curiosity, creativity and wonder. The centre provides educational research and teaching support to the MacEwan Early Learning and Child Care Program. MacEwan students are actively engaged with the children during each term.

The centre is open year-round with the exception of a closure from December 25 to January 1, and the last week of July, first week of August. For more information, visit MacEwan.ca/ChildCareCentre. Note – Some families may qualify for Government of Alberta subsidies – more information is available at www.humanservices.alberta.ca/financial-support.html

LIBRARY

Each campus has a library that offers a wide range of services, resources and staff to support students. Visit Library.MacEwan.ca for further information.

MACEWAN ATHLETICS

Show your MacEwan University spirit and cheer your Griffins on to victory! With a proud tradition of excellence in basketball, volleyball, soccer, hockey, cross-country running, curling and track, the Maroon and White compete for league and national championships as a member of both Canada West (Canadian Interuniversity Sport) and the Alberta Colleges Athletic Conference (Canadian Collegiate Athletic Association). Visit MacEwan.ca/Griffins for news, ticket information and results.

MACEWAN RETAIL AND CAMPUS SERVICES

Bookstore

The MacEwan Bookstore (aka mstore), will be one of the first places you'll visit on campus. Our mstore carries everything you will need from textbooks to tech all year round. Whether it's books, art supplies, school supplies, clothing, computer accessories, or even giftware – we got you covered. Helpful advice is always available here.

Can't make it to mstore? Want to avoid long line-ups during back to school? Students can now get their personalized textbook lists and order all their books and supplies online at www.macewanbookstore.com. All they need is their student ID and they will be ready for pick-up before class or shipped to your mailing address of choice. It's that easy.

Transportation Services

Transportation Services is proud to offer MacEwan University students, staff and faculty competitive rates on all three of our campuses all year round. Responsible for Daily and Monthly Parking, ETS @ Work Passes, Car Share Program, Car Pool Program, Taxi Service, Shuttle Service, and Bicycles. Whether you need to get to class, attend an event, or stay in residence – Transportation Services will get you there. For more information, please visit www.MacEwan.ca/Parking

Food Services

Whether it's preparing freshly made meals in house or supporting the local food movement, MacEwan University Food Services is an integral part of this university. Providing local quality foods that are value specific to students, faculty and staff, Food Services is committed to serving more variety on campus. From gluten-free to vegan, we are elevating campus food to another level. For more information about Food Services, please visit them at www.MacEwanEats.ca

MACEWAN HEALTH SERVICES

Located on the main floor of the Christenson Family Centre for Sport and Wellness (Building 8), MacEwan Health Services are available to students and staff. Services include physical exams, immunizations, allergy shots, birth control, pregnancy tests, PAP tests, exam deferral notes, health promotion, specialist referrals, and counselling referrals. Walk-in appointments are accommodated if an opening is available, but appointments are preferred. Visit MacEwanHealth.ca for more information.

MACEWAN INTERNATIONAL

MacEwan International focuses on campus internationalization and global engagement, international student recruitment, international student services, and education abroad and international partnerships. We provide leadership, support and services for students, faculty and staff who are involved in international activities. MacEwan International works with the larger MacEwan community to achieve the goals of becoming a university of global significance, relevance and value and to foster a culture of internationalization that creates global citizens. We are located at City Centre Campus.

MACEWAN RESIDENCE

About Us

Our vision is to be a diverse community and the preferred choice for engaged student living. Through an empowered community of respect and collaborative leadership, students will leave with an enriched university experience.

To bring that vision into reality, we provide a connected, academically focused, and safe environment for students and the community through respect, leadership, innovation, professionalism, and empathy.

More Than Just A Place To Live.

Located on City Centre Campus, the MacEwan Residence is the University's only residence building and gives almost 800 students safe, affordable housing and a unique living and learning environment. It's more than just a place to live. It's a place to meet other students and get involved in campus activities. It's a place to learn and excel in a supportive environment. And a place to call home.

Safe. Central. Complete.

The building is as central as you can get in Edmonton. It's located right on City Centre Campus, close to classes and services like the Library and Christenson Family Centre for Sport and Wellness. And it's within walking distance to everything from groceries and restaurants to shopping and entertainment. It is also near a major hub for public transit, serving major sites across the city and other MacEwan University campuses.

Residence Life

The best thing about living in residence is the experience of living in a unique community with other students facing the same experiences and challenges you face every day. Residents often say they appreciate how easy it is to meet new people and to develop great friendships that last well beyond their experiences at MacEwan University.

The residence environment provides you the opportunity to become an active member of the university community and to develop a range of personal skills. Our Residence Life program includes everything from social events and fun activities like intramurals and movie nights, to personal growth workshops like study skills and financial planning workshops, to formal leadership opportunities on the Residence Life Staff Team.

Safety and Security

With 24-hour security, a multi-key access system and a team of live-in staff, MacEwan University's residence is built to give you the security you need. Information and Residence applications are available at MacEwan.ca/Residence

MAC EWAN UNIVERSITY SPORT AND WELLNESS

MacEwan University's top-notch sport and wellness facilities and programs offer an escape from the everyday work of being a student. Student membership includes access to on-campus fitness facilities, pool and drop-in aerobic and strength classes, as well as student rates on registered classes, personal training, recreation leagues, tournaments and events. Go to MacEwan.ca/SportandWellness for fitness and aquatic information or MacEwan.ca/Recreation for the latest on recreation events.

STUDENT AFFAIRS

Student Affairs is all about student development and especially strengthening students' decision-making skills and resiliency. Career Development and Experiential Learning, Wellness and Psychological Services, Services to Students with Disabilities and all our other excellent services encourage students to explore who they are and define their future by taking every opportunity to fully experience university life and connect with likeminded seekers. Student Affairs believes students have the right and capacity to manage their lives, to influence, to apply knowledge so as to make positive differences at school, at work, in the community, at home, and as engaged global citizens. Student Affairs understands that each student builds his or her personal leadership expertise in different ways and times, but doing so enhances academic, personal and career opportunities and success while at university and beyond. For more information about how Student Affairs can inspire and work for you, see

MacEwan.ca/StudentAffairs

Wellness and Psychological Services

The professional psychologists/counsellors at Wellness and Psychological Services provide confidential support and assistance to current students, free of charge, in the areas of personal, educational and career concerns. The information you share with these professionals is confidential. We believe that confidentiality is an important aspect of every session, and your counsellor is available to discuss the rare exceptions to confidentiality. We can act as consultants and resources for faculty and staff, administrators and parents for concerns related to student psychological health and well-being.

MacEwan.ca/Counselling

Services to Students with Disabilities

Register with SSD if you experience any barriers at the university that may be related to a short-term or long-term disability or medical condition. Our goal is to facilitate the full participation of students with disabilities by sharing information and resources, providing a broad range of services including access to technology, and recommending academic accommodations for students.

MacEwan.ca/SSD

Career Development and Experiential Learning

Whether you're a first-year student with limited professional experience or a mature student looking to make an important career transition, we are here to help. We can help you identify your strengths, prepare for interviews, look for jobs, and create your professional profile on LinkedIn. Drop in to the Career Development Centre.

MacEwan.ca/CareerServices

Student Conduct, Community Standards and Values

This new unit within Student Affairs approaches student conduct in relation to community standards and values. Its aim is to provide and facilitate opportunities for MacEwan students to explore engaged citizenship and ethical conduct, and the values and responsibilities that belong to these. The Office of Student Conduct, Community Standards and Values further approaches academic integrity education strategically and holistically, in its relation to ethical values, moral standards, and engaged citizenship. On the belief that ethics require patient reflection and practice, it aims to facilitate and promote an experiential learning approach to ethics.

Academic Integrity

MacEwan University is committed to fostering an environment of academic integrity through education about academic integrity and compliance with academic integrity regulations. You may have a question about how to avoid plagiarism when writing an academic paper. If you don't indicate sources of information in your papers, you have plagiarized. Even though most plagiarism is unintentional, there can be serious consequences for plagiarizing in writing assignments. To ensure you comply with Policy C1000 on Academic Integrity, check with us if you have any questions.

[MacEwan/StudentAffairs/Academic Integrity](http://MacEwan/StudentAffairs/AcademicIntegrity)

Writing Centre and Writing & Learning Services

Drop in and check out the Writing Centre; quiet and comfortable reading, collaboration and working spaces are available. Book an appointment with a consultant to learn about effective study and time management strategies, or bring in a draft of an essay to receive feedback on potential areas for improvement. You can also learn how to avoid plagiarism and how to use APA, MLA and Chicago documentation styles to cite information correctly.

MacEwan.ca/WLS

New Student Orientation

New Student Orientation is held each fall and winter, just before the start of classes. Attend orientation to get the information you need about services and resources at MacEwan and meet other students. A parent orientation is held each fall to share information and tips for parents to support their students.

MacEwan.ca/Orientation

Parents

It is true that parents can set the standard for how their son or daughter engages with academic programs and services to get the most from their first-year student experience. We believe each parent can be the steady hands on a steering wheel helping each new student make a safe and successful journey from high school to university. Parent Orientation will be held at Centre at City Centre Campus in early fall. Watch for your evite in early summer.

MacEwan.ca/Orientation

First-Year Experience

In your first year of university you will be surrounded by new environments, new knowledge, new people and new perspectives. We have a lot of support and information to help you get through your first year successfully. Starting with New Student Orientation, First Year Experience gives you information you need on support and resources, extracurricular activities and ways to get involved to make the most of your university experience. Find out more on our First Year Experience Facebook page.

MacEwan University Ambassadors

If you like to be involved, help in your community and develop your leadership skills, consider becoming a MacEwan Ambassador. The MacEwan Ambassador Program is a leadership program that gives you the opportunity to serve the MacEwan University and Edmonton community through volunteer service. This program promotes the profile of MacEwan University by displaying integrity, compassion, and a high standard of professional and personal excellence. While promoting the image of MacEwan University to prospective or new students, their families and the community at large. This is a great opportunity to develop leadership skills that will serve MacEwan University students into the future.

MacEwan.ca/Ambassador

Golden Key Liaison

Golden Key exists to unlock the potential of our members. We offer a sense of fellowship within the Society's three pillars – Academics, Leadership and Service – and are dedicated to achievement – personally, professionally and altruistically. Membership begins with recognition of academic excellence and can lead to a lifetime of learning and achievement.

The Golden Key chapter at Grant MacEwan University believes in excellence and strives to provide the best environment possible for guiding our members to achieve in academics, leadership and service. The 393rd Golden Key chapter worldwide and the 19th in Canada, Grant MacEwan was chartered November 16, 2010.

Members focus on community service, networking events, and reaching out to make connections with the local community and the entire university student body. We welcome prospective members who are in the top 15% of their class and interested in service and leadership development.

MacEwan.goldenkey.org

Work Integrated Learning

Work Integrated Learning (WIL) provides guidance on workplace integrated activities such as field placements, practica and preceptorships. Information available includes that related to worker compensation coverage available for students on placements within or outside of Alberta. For information about WIL services and Student WCB while on placements.

MacEwan.ca/StudentAffairs/CareerServices

Office of the Graduate Liaison

Explore study options after graduation. The Graduate School Liaison will help you find the best global options available for graduate school or professional studies and can provide advice and resources to help with your application. The Graduate School Fair held at MacEwan gives you an opportunity to meet representatives from national and international schools.

MacEwan.ca/GradSchoolLiaison

MacEwan Diversity Project

Whether you identify as lesbian, gay, bisexual, transgender, two-spirit, queer (LGBTQ) or not, we can all be allies, support diversity, and continue to make MacEwan a welcoming place to work and learn. Access information and support through the MacEwan University Diversity Project.

MacEwan.ca/Diversity

Student of Concern

Student of Concern is a multidisciplinary, behavioural intervention team at MacEwan University coordinated by Student Affairs. It is made up of professionals from Student Affairs, Security, Wellness and Psychological Services, Office of the University Registrar and others as appropriate. The purpose of the team is to proactively identify, assess and offer appropriate support to students who may be at risk or pose a risk to others. The team's work supports the university's values of Students First, Quality Education and Personal Learning Experiences because they mitigate risks; help students make informed and positive decisions; accommodate ongoing or emerging student physical or mental needs; and offer routes to protection for students under threat of harm by others. Student of Concern wants students to be safe and healthy, stay on track to achieve their academic goals and engage fully and positively in campus life. The team aims to work at the lowest possible level with respect and caring to protect privacy, minimize risk, and prevent further disruption of the university experience for the student of concern, peers, faculty, staff and other members of the community.

Contact Student of Concern if you have serious concerns about your own or another's mental or physical safety and well-being. Often behaviours that trigger a referral are of a growing urgency or have recently escalated. Examples may include suicidal communication (writing, talk, social media); suicide attempts; talking about serious abuse/threats done/made or happening to them; cutting or other self-harm; not eating; uttering threats or planning to hurt others; saying goodbye to friends and family often including giving away items value like keepsakes or mobile devices; hearing voices or loss of contact with reality; paranoia or thinking others are out to get them or are watching them; isolating behaviour (missing work placement commitments, classes or postings, club/recreational/social events); talking about worthlessness or profound fear of failure; or deepening depression.

To report call 780-497-5555; for information, visit MacEwan.ca/StudentAffairs

Sexual Violence

Learn more about how to be part of the positive movement at MacEwan University where we are building a culture of consent. We are committed to ending sexual violence on campus and have established procedures to react to any incidents.

For more information, give support or get help, visit MacEwan.ca/SexualViolence

STUDENTS' ASSOCIATION OF MACEWAN UNIVERSITY (SAMU)

SAMU.ca

The Students' Association of MacEwan University (SAMU) is a student-centric organization committed to serving the needs of the entire MacEwan University student body. SAMU strives to guarantee the strongest possible voice for students through advocacy and support, as well as services such as the Health and Dental plan, the U-Pass, Peer Support, the Student Food Bank and the SAM Centre.

Additionally, SAMU governs student clubs, publishes the griff (MacEwan University's monthly student publication), and hosts several exciting events on campus each year, including Fall Fest, Winter Fest, Stress Less, Speaker Series, Breakfast Club, and the Golf Classic.

SAMU is governed by an elected Students' Council and Executive Committee. These bodies, voted in by students, are responsible for the vision and direction of SAMU, and are supported by a full-time and part-time staff. SAMU operates on student fees, paid by students, and seeks alternative funding through business opportunities, advertising and events.



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FACULTIES OF THE UNIVERSITY

Arts and Science

The Faculty of Arts and Science comprises nine departments across the humanities, the social sciences, and the natural sciences. Each year, our seventeen disciplines offer approximately 650 courses, through which our students can access fourteen majors and twenty-two minors, in pursuit of bachelor's degrees to prepare for a career, to pursue a professional program, or to enter graduate school.

Our faculty colleagues have been trained at universities all over the world, and they engage in a wide variety of scholarly activities at MacEwan. Some of our professors are recipients of major research awards from organizations like the Alberta Foundation for the Arts, ArcticNet, the Natural Sciences and Engineering Research Council of Canada (NSERC), and the Social Sciences and Humanities Research Council of Canada (SSHRC). The research interests of our faculty members are diverse, and some of our more well-known projects have taken our faculty members to dig into humanity's prehistoric past at funeral sites in Russia, to analyze the sources and fate of environmental contaminants, and to investigate the history of crime in medieval Scotland. Other projects see faculty members examining the evolution of aggression and weaponry in field crickets, studying methods for the prevention of sexual and domestic violence, and exploring the horrors encountered by a fictional assistant to author H.P. Lovecraft. At times, this research involves external agencies like the Department of Natural Resources Canada, the Edmonton City Police, and the National Aeronautics and Space Administration (NASA).

Attending an institution committed to enhancing the undergraduate experience, our students have the opportunity to extend their experience beyond the conventional classroom, engaging in research with faculty mentors as well as undertaking their own research projects. They often present the results of this work at conferences, in publications, and during the Student Research Day hosted by departments across the Faculty.

Dean

Craig Monk, D.Phil. (Oxford)

Associate Dean, Administration

Melike Schalomon, PhD (Alberta)

Associate Dean, Students

Robert Woznura, PhD (British Columbia)

Programs

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Science in Engineering Transfer
- General Studies

DEPARTMENT OF ANTHROPOLOGY, ECONOMICS AND POLITICAL SCIENCE

Chair

Shahidul Islam, PhD (Oregon State)

Agricultural and Resource Economics

Anthropology

Anthropology is “the study of humans,” where students acknowledge the equal value of all humans and cultures. It is also the most comprehensive of the social sciences, providing anthropology majors with a well-rounded education. Anthropologists often borrow theories and methods from fields such as psychology, economics, and political science, as well as biology, ecology, and zoology. Students may find themselves specializing in one of the five fields of anthropology: social/cultural anthropology, archaeology, physical/biological anthropology, linguistic anthropology, or applied anthropology.

Faculty

Katie Bittner, PhD (Alberta)

Anthropology

Franca Boag, PhD (Alberta)

Anthropology

Hugh McKenzie, PhD (Alberta)

Anthropology

Paul Prince, PhD (McMaster)

Anthropology

Sarah Shulist, PhD (Western Ontario)

Anthropology

Treena Swanston, PhD (Saskatchewan)

Anthropology

Cynthia Zutter, PhD (Alberta)

Anthropology

Economics

Economics seems to apply to every nook and cranny of human experience. It is an aspect of all conscious action. Whenever alternatives exist, life takes on an economic aspect. There is an economics of money and trade, of production and consumption, of distribution and development. There is also an economics of welfare, manners, language, industry, music, and art. There is an economics of war and an economics of power. There is even an economics of love.

Faculty

Rafat Alam, PhD (Ottawa)

Economics

Junaid bin Jahangir, PhD (Alberta)

Economics

Constantin Colonescu, PhD (Charles)

Economics

Ergete Ferede, PhD (Alberta)

Economics

Joseph Fong, PhD (Queen's)

Economics

Shahram Manouchehri, PhD (Alberta)

Economics

Political Science

As Aristotle points out, the ‘science’ of politics is the master science on which all other aspects of civilization depend. Political scientists examine how humans organize their societies and make collective decisions. Students taking political science will be able to understand and evaluate complex political issues in the contemporary world, develop independent analytical ability, and learn the basic concepts for making intelligent political analysis.

Faculty

Jean-Christophe Boucher, PhD (Laval)

Political Science

Sen Lin, PhD (Calgary)

Political Science

Chaldeans Mensah, PhD (Alberta)

Political Science

Christopher Gaelan Murphy, PhD (Georgetown)

Political Science

John Soroski, PhD (British Columbia)

Political Science

DEPARTMENT OF BIOLOGICAL SCIENCES

Biological Sciences is the study of living organisms, environments and the various relationships therein. It examines the structure, function, growth and development, origin, evolution, distribution, and classification of all living things. Biological Sciences at MacEwan University encompasses biochemistry, botany, genetics, microbiology, and zoology, allowing students to study a diverse range of organisms all the way from their molecular level to the ecosystems that these organisms inhabit. Courses in the department support two streams of study: Molecular/ Cellular Biology and Ecology/ Environmental Biology. Students will also gain technical expertise, which can be supplemented with research-intensive individual study courses or with field-based courses.

Chair

Ross Shaw, PhD (British Columbia)

Zoology

Faculty

Agata Becalaska, PhD (Princeton)

Molecular Biology

Nina Bernstein, PhD (Alberta)

Biochemistry

Victoria Bowles, M.Sc. (Alberta)

Biological Sciences

Karen Christensen-Dalsgaard, PhD (Manchester)

Plant Sciences

Mrinal Das, PhD (Alberta)

Zoology

Kathy Davies, B.Sc. (Alberta)

Biological Sciences

Mark Degner, M.Sc. (Alberta)

Zoology

Shannon Digweed, PhD (Lethbridge)

Evolution and Behaviour

Christina Elliott, M.Sc. (Alberta)

Environmental Biology and Ecology

Leah Flaherty, PhD (New Brunswick)

Forestry and Environmental Management

Erin Fleming, M.Sc. (British Columbia Okanagan)

Environmental Sciences

Kevin Friesen, PhD (Alberta)

Physiology and Cell Biology

Kimberley Harcombe, PhD (Alberta)

Microbiology and Biotechnology

Melissa Hills, PhD (Australian National)

Biochemistry and Molecular Biology

Kevin Judge, PhD (Toronto)

Zoology

David Locky, PhD (Alberta)

Environmental Biology and Ecology

David McFadyen, PhD (Alberta)

Molecular Biology and Genetics

Randi Mewhort, M.Sc. (Alberta)

Environmental Biology and Ecology

Lisa Prichard, PhD (Washington)

Pharmacology

Michael Stock, PhD (Alberta)

Zoology

Gord Youzwshyn, M.Sc. (Alberta)

Zoology

DEPARTMENT OF COMPUTER SCIENCE

Computer Science students study the nature and techniques of problem solving through computation. Understanding computation requires a knowledge of hardware, software, mathematics and logic. Include the essentials such as psychology, philosophy, linguistics and management theories—computer science connects technology with people. Students can choose one of two streams of study in computer science. The general computer science major is flexible and allows students to create a focus that reflects your interests. The software professional concentration provides the best preparation for a career in software development.

Chair

Ron Meleshko, PhD (Alberta)

Computing Science

Faculty

Calin Anton, PhD (Alberta)

Computing Science

Nicholas Boers, PhD (Alberta)

Computing Science

Sharon Bratt, PhD (Simon Fraser)

Instructional Technology

Brian Brookwell, M.Sc. (Calgary)

Computing Science

Jon Coulson, M.Comp (New England, Australia)

Computer Studies

Mohamad El-Hajj, PhD (Alberta)

Computing Science

Indratmo, PhD (Saskatchewan)

Computer Science

Cameron Macdonell, PhD (Alberta)

Computing Science

Nicole Malloy, M.Sc. (Alberta)

Computing Science

Ibrahim Sumrain, PhD (Oregon State)

Instructional Technology

DEPARTMENT OF ENGLISH

The department of English offers a range of courses to all students, from first-year courses focusing on the basics of writing, composition, and literary study, to more specialized period and genre courses at the senior levels. In all of our courses, students will hone their writing and research skills and gain a body of knowledge that will help them succeed in both your studies and the workplace. Students will also apply critical reading and thinking skills, and add to their general education the opportunity to study many facets of language, aspects of popular culture, and thought-provoking works of literature.

Chair

Jillian Skeffington, PhD (Arizona)

English

Faculty

David Atkinson, PhD (Calgary)

English

Jacqueline Baker, MA (Alberta)

English

David Buchanan, PhD (Alberta)

English

Sarah Copland, PhD (Toronto)

English

Robert Einarsson, PhD (Alberta)

English

Pamela Farvolden, PhD (Alberta)

English

David Grant, PhD (Toronto)

English

Valerie Henitiuk, PhD (Alberta)

Comparative Literature

Elizabeth Hollis-Berry, PhD (Alberta)

English

Rashmi Jyoti, PhD (Maharaja Sayajirao)

English

Svitlana Krys, PhD (Alberta)

Slavic Languages and Literatures

Romuald Lakowski, PhD (British Columbia)

English Literature

Paul Lumsden, PhD (Alberta)

English

Daniel Martin, PhD (Western Ontario)

English

Don McMann, PhD (Wales)

Creative Writing

Craig Monk, D.Phil. (Oxford)

English

Michael O'Hea, PhD (Alberta)

English

Mike Perschon, PhD (Alberta)

Comparative Literature

Jack Robinson, PhD (Alberta)

English

Mark Smith, PhD (UC Irvine)

English Literature

William Thompson, PhD (Alberta)

English

Joshua Toth, PhD (Western Ontario)

English

Robert Woznura, PhD (British Columbia)

English

DEPARTMENT OF HUMANITIES

Chair

Edvard Lorkovic, PhD (Alberta)

Philosophy

Classics

Classics is the study of ancient Greek and Latin art, culture, history, literature and religion and their effects on subsequent and contemporary civilizations. The study of Classics helps provide a solid background and better understanding of many of the disciplines in the Arts and Social Sciences. It is a particularly valuable component of a liberal education. Training in Classics helps students develop skills in oral and written expression; it gives students a greater understanding of western artistic, literary and philosophical traditions. Classics develops well-rounded students capable of critical thought, articulate argumentation and considered reasoning.

Faculty

Colin Bailey, PhD (British Columbia)

Classics

Benjamin Garstad, PhD (St. Andrews)

Classics

Maria Kozakiewicz, PhD (Alberta)

Classics

History

Historians craft history, make history, do history, and record history. It deals with anything and everything; from the daily life of a peasant to the history of ideas to diplomacy and conflict, from the ancient Aztecs to conflict in Afghanistan. History has few thematic borders and is eclectic in its choice of research methods. Specialized history courses cover such diverse topics as crime in early modern Europe, diplomacy and conflict in the modern world, policy related to Aboriginal people in Canada and many others.

Faculty

Michael Carroll, PhD (Toronto)

History

Robert Falconer, PhD (Guelph)

History

Sean Hannan, MA (Chicago)

Social Science

Robert Irwin, PhD (Alberta)

History

Carolee Pollock, PhD (Alberta)

History

Kelly Summers, PhD (Stanford)

History

Languages

Studying languages at MacEwan University will enhance all aspects of a student's educational experience. As our world continues to become culturally and economically more interconnected, being able to communicate in another world language is becoming increasingly necessary and important. Studying a language includes the study of a distinctive philosophical, literary, and artistic tradition. As students develop their language skills, they will foster improved critical thinking and problem solving skills and you will broaden your appreciation of the world and its people.

Faculty

Suzanne Hayman, PhD (Dalhousie)

French

Kyeongmi Kim-Bernard, PhD (Paris-Sorbonne)

French

Renata Knos, MA (Alberta)

French

Maritza Mark, MA (Calgary)

Spanish

Cristina Ruiz Serrano, PhD (Alberta)

Spanish

Adriana Spahr, PhD (Toronto)

Spanish

Philosophy

Philosophy is one of the most abstract and yet practical and concrete disciplines of the Arts. It teaches analytical thinking, logical presentation, and competence with abstract concepts. More importantly, philosophy encourages students to consider more deeply and critically their own world-views and belief systems. It provides the opportunity to reflect, in a systematic and organized fashion, on basic issues that bear on our individual lives. The study of philosophy, especially ethics, can relate directly to business, medicine, public policy, education and law. Similarly, theoretical philosophy can complement and elaborate on concepts dealt with in psychology, sociology, religious studies and political science.

Faculty

Alain Beauclair, PhD (Oregon)

Philosophy

Susan Mills, PhD (Pennsylvania)

Philosophy

Cyrus Panjvani, PhD (St. Andrews)

Philosophy

Randy Wojtowicz, PhD (UC San Diego)

Philosophy

DEPARTMENT OF MATHEMATICS AND STATISTICS

Mathematics is the study of numbers, shapes and relationships through the use of deductive reasoning, and includes both the elegance of pure theory and the application of this theory to all human endeavours. Students cover topics from the fields of algebra, analysis, geometry and applied mathematics.

Statistics is the science of collecting and analyzing data. Probability theory, the study of uncertainty, provides the foundation for all statistical models. Principles of probability theory and statistics are used to make decisions in the insurance industry, the financial world and in engineering.

Chair

Karen Buro, PhD (Aachen)

Mathematics/Statistics

Faculty

Cristina Anton, PhD (Alberta); PhD (Romanian Academy)

Applied Mathematics; Probability and Statistics

Sunil Barran, M.Sc. (Alberta)

Mathematics

Elaine Beltaos, PhD (Alberta)

Mathematics

Ion Bica, PhD (Alberta)

Applied Mathematics

Brian Franczak, PhD (Guelph)

Statistics

Tiina Hohn, M.Sc. (Jyväskylä)

Mathematics

Rui Hu, PhD (Memorial)

Mathematics

Kathleen Lawry-Batty, PhD (Western Ontario)

Statistics

Shelley Lorimer, Ph.D (Alberta)

Engineering

David McLaughlin, PhD (Alberta)

Mathematics

John O'Connor, M.Sc. (National University of Ireland); M.Sc. (Alberta)

Mathematics; Statistics

Mark Solomonovich, PhD (Tomsk State)

Theoretical and Mathematical Physics

Nicolae Strungaru, PhD (Alberta)

Mathematics

Wanhua Su, PhD (Waterloo)

Statistics

Adi Tcaciuc, PhD (Alberta)

Mathematics

Nataliya Zadorozhna, PhD (Ukrainian National Academy of Sciences)

Mathematics

DEPARTMENT OF PHYSICAL SCIENCES

Chair

Jonathan Withey, D.Phil. (Oxford)*Chemistry*

Chemistry

Chemistry encompasses the synthesis and study of molecules and materials, the exploration of their properties, and the development of ways to use them in our everyday lives. Advances in chemistry provide the understanding that underpins much of modern science; from the food we eat and the medicines we take, to the environment in which we live. Chemistry is an ideal subject for students interested in developing a cross-disciplinary knowledge base. Students gain an understanding of the essential principles of chemistry, and translate that knowledge in the laboratory. Students learn how chemistry is used in medicine, crime scene investigation, and environmental science.

Faculty

Laurie Amundson, M.Sc. (Victoria)*Chemistry***Lioudmila Badalova, PhD (Moscow State)***Inorganic Chemistry***Lucio Gelmini, PhD (Windsor)***Chemistry***Rob Hiltz, PhD (Victoria)***Cosmochemistry***Japhet Irangu, PhD (Alberta)***Inorganic Reaction Mechanisms***Jorge Llano, PhD (Uppsala)***Biophysical Chemistry***Barbara Migaj, PhD (Technical University of Warsaw)***Chemistry***Samuel Mugo, PhD (Memorial)***Chemistry***Matthew Ross, PhD (Alberta)***Chemistry***Manzar Saberi, PhD (National University of Iran)***Organic Chemistry***Aaron Skelhorne, PhD (Alberta)***Analytical Chemistry***Nina Vo, M.Sc. (Alberta)***Chemistry***Ross Witherell, PhD (Alberta)***Chemistry*

Earth and Planetary Sciences

Earth and planetary sciences is a broad discipline that connects biology, chemistry, physics and mathematics to understand planetary processes and environments. It is essential for understanding the processes that shape planets (including the Earth), and is key to understanding and addressing many environmental phenomena and issues. The Earth and planetary sciences are an excellent choice for students looking for a way to study and integrate the basic sciences, beyond traditional disciplinary boundaries. Special emphasis is placed in laboratory skills and field training.

Faculty

Andreas Enggist, PhD (Alberta)*Geology***Mark Furze, PhD (Wales)***Marine Geology***Fedora Gonzalez-Lucena, PhD (Ottawa)***Earth Sciences***Nancy McKeown, PhD (UC Santa Cruz)***Geological and Environmental Sciences***Anna Pienkowski, PhD (Alberta)***Earth and Atmospheric Sciences***Erin Walton, PhD (New Brunswick)***Geology*

Physics

Physics is the most fundamental science, encompassing the study of the universe from the largest galaxies to the smallest subatomic particles. It challenges imaginations, and it leads to theories, discoveries and new technologies that impact our everyday lives; from healing joints and curing cancer, to developing sustainable energy solutions. Physics is an ideal choice for students who like solving challenging problems. Physics provides the tools needed to break down a problem into basic principles and applications that span a range of fields and industries. It is increasingly applied in biochemistry, biology, and medicine.

Faculty

Orla Aaquist, PhD (Calgary)*Astrophysics***Jeffrey Davis, PhD (ETH Zurich)***Engineering***Evan Hackett, PhD (Alberta)***Physics***Michelle Hanlon, M.Sc. (Alberta)***Physics***Vahid Rezaia, PhD (Institute for Advanced Studies in Basic Sciences)***Theoretical Physics***Patrick Sullivan, PhD (Alberta)***Physics*

DEPARTMENT OF PSYCHOLOGY

Psychology is considered both an arts discipline (covering such topics as social psychology and personality) and a science discipline (covering such topics as visual perception and the neurological processes involved in memory formation). Regardless of a student's focus, the fundamental question that the discipline of psychology attempts to answer is, "Why do people do what they do?" At a basic level, psychology students come to understand and appreciate the many factors that influence and motivate human behaviour. They develop a number of valuable skill-sets, including the ability to formulate evidence-based arguments, and critically evaluate research findings.

Chair

Lynne Honey, PhD (McMaster)

Psychology

Faculty

Nicole Anderson, PhD (McMaster)

Psychology

Craig Blatz, PhD (Waterloo)

Psychology

Kathleen Corrigan, PhD (McMaster)

Psychology

Nancy Digdon, PhD (Western Ontario)

Psychology

Shannon Digweed, PhD (Lethbridge)

Evolution and Behaviour

Jayne Gackenbach, PhD (Virginia Commonwealth)

Psychology

Trevor Hamilton, PhD (Alberta)

Neuroscience

Andrew Howell, PhD (Concordia University)

Psychology

Michelle Jarick, PhD (Waterloo)

Psychology

Sandy Jung, PhD (Victoria)

Psychology

Eric Legge, PhD (Alberta)

Psychology

Kristine Peace, PhD (Dalhousie)

Psychology

Alexander Penney, PhD (Lakehead)

Psychology

Russ Powell, PhD (Alberta)

Psychology

Sean Rogers, MA (Minnesota)

Psychology

Melike Schalomon, PhD (Alberta)

Neuroscience

Rodney Schmaltz, PhD (Alberta)

Psychology

Aimee Skye, PhD (McMaster)

Psychology

Christopher Striemer, PhD (Waterloo)

Psychology

Tara Vongpaisal, PhD (Toronto)

Psychology

David Watson, PhD (Alberta)

Psychology

DEPARTMENT OF SOCIOLOGY

Sociologists shed light on a broad scope of social phenomena – such as family life, street and corporate crime, multiculturalism, and globalization - by investigating social inequality, patterns of behaviour, forces for social change and resistance, and how social systems work. As a liberal arts discipline, sociology provides students with an understanding of how people's experiences vary by race, class, gender, age, and other ascribed statuses. Students also develop an understanding of the impact social institutions have on individuals, the ability to develop evidence-based arguments and write reports, the ability to use statistics software, and the ability to evaluate different research methods.

Chair

Jeffrey Stepnisky, PhD (Maryland)

Sociology

Faculty

Fiona Angus, PhD (British Columbia)

Sociology

Tami Bereska, PhD (Alberta)

Sociology

Shelley Boulianne, PhD (Wisconsin-Madison)

Sociology

Michael Gulayets, PhD (Alberta)

Sociology

Joanne Minaker, PhD (Queen's)

Sociology

Amanda Nelund, MA (Saint Mary's)

Sociology

Alissa Overend, PhD (Alberta)

Sociology/Physical Education and Recreation

Korbla Peter Puplampu, PhD (Alberta)

Sociology

Susan Raine, PhD (Alberta)

Sociology

Sandra Rollings-Magnusson, PhD (Alberta)

Sociology

Michael Seredycz, PhD (Nebraska)

Criminal Justice

Diane Symbaluk, PhD (Alberta)

Sociology

Kalyani Thurairajah, PhD (McGill)

Sociology

Faculty of Arts and Science Program Services

Advisors

Clare Ard, MA, MLIS (Alberta)

Janice de Graaf, BA (Alberta)

Larisa Hayduk, M.Ed. (Alberta)

Josie O'Reilly, B.Sc. (Alberta)

Kerry Precht, MA (Alberta)

Karen Ravagnolo, MA (Alberta)

Todd Smereka, B.Comm (Alberta)

Instructional Assistants

Diane Brouwer, BA (Calgary), B.Ed. (Alberta)

Michelle Pollard, BA (Alberta)

Business

The School of Business at MacEwan University is proud to offer an all-encompassing business education experience for its students with diverse faculty from across the globe. With 11 programs, including one baccalaureate degree with six majors, one applied bachelor degree, 10 career programs and 5 certificate programs, the comprehensive range of programming at the School of Business is your best option for starting your career in business.

Our faculty, with backgrounds and specialties covering all aspects of business, challenge students with relevant and in-depth business concepts, preparing them for a successful business career. Upon graduation, our students are work ready, in high demand and ready to make a difference.

The School of Business is comprised of four departments listed below including the department's list of full time faculty members (as of Winter Term 2016). In addition to full-time faculty members, sessional instructors, mainly from industry, also teach in School of Business programs.

Dean

Elsie Eford, MBA (Alberta), LLB (Alberta)

Associate Dean, Students

Gordon Lucyk, MA (Pennsylvania), MBA (Pennsylvania), BCom (Alberta)

Associate Dean, Research and International

William Wei, PhD (Limerick), MBA (Berlin), MA (Brandenburg), BA (Hebei)

Programs

- Accounting and Strategic Measurement
- Asia Pacific Management
- Bachelor of Commerce
- Bachelor of Applied Business Administration - Accounting
- Business Management
- Human Resources Management
- Legal Assistant
- Library and Information Technology
- Office Assistant
- Public Relations
- Travel

DEPARTMENT OF ACCOUNTING AND FINANCE

Accounting is the language of business. Accountants provide businesses with the tools to make informed decisions with respect to optimizing resources. The Accounting and Finance Department at MacEwan University strives to offer the highest quality of education for students studying in Alberta. With faculty members from a wide range of backgrounds and experience in the industry, the department offers students the guidance and mentorship required to succeed in the fast-paced work environment and demanding professions in the fields of accountancy and finance.

Chair

Sherif Elbarrad, PhD (Ain-Shams)
CPA, CMA

Faculty

Khalaf Al-Jarrah, MA (UBFS)
CPA, CGA.

Sherif Elbarrad, PhD (Ain-Shams)
CPA, CMA

James (Jim) Hayes, MBA (Concordia)
CPA, CMA.

Stephanie Ibach, MBA (Alberta)
CPA, CGA

Joanne Loh, MBA (Leicester)
CPA, CGA

Darlene Lowe, MBA (Athabasca)
CPA, CMA.

Michelle Malin, M.PAcc (Saskatchewan)
CPA, CA.

Eloisa Perez, PhD (UAB)
CPA, CMA

Odette Pinto, PhD (Alberta)
CPA, CGA.

Dal Pirot, M.P.Acc. (Saskatchewan)
CPA, CGA.

Humayun Qadri, MBA (Indiana University of Pennsylvania)
CPA, CGA

Raina Rudko, MBA (Southern Queensland); M.Ed. (Alberta)

Frank Saccucci, MBA (Windsor)

Greg Springate, MBA (Simon Fraser)
CPA, CA.

Shankar Subramani, MBA (Manchester)
CPA, CMA.

Lynn Sugden, MBA (City University of Seattle)
CPA, CMA, FCMA.

Bill Venables, B.Sc. (Alberta)
P.Eng. CNE. CCNA. CCAI.

DEPARTMENT OF DECISION SCIENCES

The Department of Decision Sciences is an interdisciplinary department in the School of Business. As a department, it brings together faculty from several fields in the social sciences with a common interest in the normative and positive study of judgment and decision making in the context of an organization, operation or at an individual level, thereby applying qualitative and quantitative approaches, experimental as well as market approaches. We have a particularly strong focus on Supply Chain Management, the coordination and integration of a value network to ensure a continual refinement of products and services with agility, adaptability, and alignment so that they satisfy demands in the global market.

Our faculty have backgrounds spanning from economics and statistics to insurance studies, management science, and marketing. Many of our faculty have international and industry experience, and the department maintains close links with industry and several designation-granting bodies.

Chair

Rickard Enstroem, PhD (Alberta)

Faculty

Mark Arnison, MBA (Alberta)

Teresa Costouros, MBA (Heriot-Watt University)

FCIP. CRM.

Rickard Enstroem, PhD (Alberta)

Subhadip Ghosh, PhD (Indian Statistical Institute)

Muhammad Hossain, PhD (North Texas)

Randy Jenne, M.Ed. (Alberta)

CCNA. CCAI.

Rohit Jindal, PhD (Michigan State)

Mico Kurilic, M. Eng (Alberta)

Sylvia Leskiw, MSA (Central Michigan)

FICB. CFP. CIM.

Ryan Orchard, M.A.Sc. (Waterloo)

Joong Son, PhD (Washington)

Sheila Steinhauer-Mozejko, MBA (Alberta)

Sunantha Teyarachakul, PhD (Purdue University Indiana)

Allan Wesley, MA (Alberta)

DEPARTMENT OF INTERNATIONAL BUSINESS, MARKETING, STRATEGY AND LAW

This department provides students with courses designed to challenge their skills and develop their critical and analytical business skills. With faculty members from a wide range of backgrounds, the department is focused on delivering the highest level of business education in the disciplines of International Business, Marketing, Strategy, and Law.

Chair

Michael Roberts, PhD (Western)

Faculty

Lorrie Adams, LLM (Alberta)

Fernando Angulo, PhD (UAB Barcelona)

Colin Babiuk, MAPC (Royal Roads)

Patti Callaghan, MBA (Surry); MA (Concordia)

G. Thomas Carter, MA, JD (Alberta)

Bob Graves, PhD (Tennessee)

Makarand Gulawani, PhD (Pune)

Travis Huckell, LLB (Alberta)

Brian Keller, LLB (Alberta)

Carla Lemaire, Dip. Travel Consultant (MacEwan)

CTC. MCC.

Etayankara (Murli) Muralidharan, PhD (Manitoba)

Albena Pergelova, PhD (UAB)

Michael Roberts, PhD (Western)

Ali Taleb, PhD (HEC Montreal)

Leo Wong, PhD (Alberta)

DEPARTMENT OF ORGANIZATIONAL BEHAVIOUR, HUMAN RESOURCES AND MANAGEMENT

This department develops and instills students with the capabilities of a successful business manager. Understanding the elements of a business and how they work together as a cohesive unit is key for a manager to lead, develop and innovate a business successfully.

Faculty from a wide range of disciplines (leadership development, knowledge management, organizational behavior and learning, business rhetoric, strategic human resources development, information systems management, and business consulting), experiences (private and public sector, Not-for-profit, business incubators) and backgrounds (Europe, Asia, Africa, Latin-America and North-America) give students a thorough education in each of their courses.

Chair

Noufou Ouedraogo, PhD (Strasbourg)

Faculty

Mike Annett, PhD (Alberta)

Lyle Benson, PhD (Alberta)

Victor Bilodeau, DBA (Southern Queensland)

Evandro Bocatto, PhD (ESADE)

Jennifer Bowerman, D.Mgt. (Southern Cross)

Dianna Dempsey, PhD (Alberta)

Chris Hancock, MBA (Southern Queensland)

Norene James, MLIS (Alberta)

Charles Keim, PhD (British Columbia) and PhD (Alberta)

Launa Linaker, MBA (Alberta)

Noufou Ouedraogo, PhD (Strasbourg)

Belinda Panganiban, BA (Alberta)

Joan Patrick, PhD (Alberta)

Rhonda Reich, MACAM (Royal Roads)

Alan Riley, BA (Lethbridge)

Bruno Vanasse, M.Ps. (Quebec)

Continuing Education

The School of Continuing Education was established in 2014 at the Alberta College Campus as the home of innovative education experiences and credentials that complement and enhance MacEwan's diploma and degree programming and pedagogy. The guiding principles of the School address academic excellence, innovation, partnerships and sustainability. The School has three units: Academic and Language Preparation, Professional and Continuing Studies and the Conservatory of Music. The types of programs and services offered include: English as a second language instruction; language testing; academic upgrading; certificate programs; general interest courses; professional development courses, workshops and seminars; customized training and partnerships with business, industry and community-based organizations; international study tours and programs and music lessons, workshops, concerts, festivals and events.

Dean

Heather McRae, EdD (SFU)

Programs

- English as a Second Language
- Preparation for University and College

DEPARTMENT OF ENGLISH AS AN ADDITIONAL LANGUAGE

Coordinator

Dorte Weber, M.Ed. (Alberta)

Faculty

Anne Marie Brose, MA (McGill); M.Ed. (Alberta)

English, TESL

Mary Campbell, BA (Lethbridge); Post-grad Cert. (Carleton)

English, TESL

Andrea Cheuk, BA (Alberta); Grad. Dip. (Alberta)

Spanish, TESL

Birgitta Fishwick, MA (Dalhousie); M.Ed. (St. Mary's)

French, TESL

Curt London, MA (Alberta); Grad. Dip. (Alberta)

English, TESL

Eaman Mah, M.Ed. (Alberta)

TESL

Terry McLean, M.Ed. (Alberta)

TESL

Peter Myhre, M.Ed. (Alberta)

TESL

Suzanne Oswald, M.Ed. (Alberta)

TESL

Don Strickland, B.Ed. (Alberta); Grad. Dip. (Alberta)

General/ESL; TESL

DEPARTMENT OF UNIVERSITY PREPARATION

Coordinator

Simrit Parmar, MA (Alberta)*Communications and Technology*

Faculty

Andrew Buhr, B.Sc. (Hon.) (Alberta)*Mathematics***Michael Buhr, M.Sc. (Alberta)***Engineering***Malcolm Connell, M.Ed. (McGill)***Educational Administration***Son Doan, B.Sc.; B.Ed./AD (Alberta)***Chemistry; Secondary Education***Debra Lenton; BA; B.Ed. (Alberta)***English; Secondary Education***Donna McKenzie, BE (Saskatchewan); B.Ed./AD (Alberta)***Engineering; Secondary Education***Richard Pereschitz, M.Sc. (Calgary)***Zoology***Rod Rash, B.Ed. (Calgary)***Mathematics; Secondary Education***Martin Tucker, B.Sc.; B.Ed./AD (Alberta)***Biology; Secondary Education*

Fine Arts and Communications

The Faculty of Fine Arts and Communications (FFAC) has recently been on a trajectory of dynamic growth and transformation. With the impending move to the new building downtown known as the Centre for the Arts and Culture (CFAC), our faculty and students alike can soon expect a far greater opportunity for creative collaborations and a deeper engagement with other members of MacEwan University including the wider Edmonton arts community. Designed by a world-renowned architect, the building showcases modern classrooms, state-of-the art studios and performance spaces, thereby making it a premier hub of knowledge and creativity as well as a major venue for showcasing local, national and international talents.

Meanwhile, FFAC faculty and staff are proposing new degree options including two baccalaureates which are in the early stages of development: the Bachelor of Design (B.Des) and the Bachelor of Fine Arts (BFA) with majors in Arts Management, Theatre Arts, Theatre Production, Fine Art plus an Interdisciplinary major. These are valuable additions to the already well-known and established degree programs in music and communication respectively known as the Bachelor of Music in Jazz and Contemporary Popular Music (B.Mus) and the Bachelor of Communication Studies (BCS). New majors and minors are currently in the works and this includes a BMus major in recording and production among a few others.

FFAC has launched a number of recruitment initiatives and has recently hired or is soon to hire new full-time faculty members who will help deliver the new credentials and propel its programs to new levels of excellence in teaching, research and creative activity.

The number of creative and scholarly activities continues to grow with current faculty doing tours, recordings, and exhibitions and original works, some of which are being showcased at international venues. Faculty are also engaged in peer-reviewed publications and conference presentations along with mentoring students in their research and creative work.

Dean

Denise Roy, M.Ed. (Alberta)

Associate Dean

Rey Rosales, PhD (Southern Illinois)

Programs

- Arts and Cultural Management
- Communication
- Design Studies
- Fine Art
- Music
- Theatre Arts
- Theatre Production

DEPARTMENT OF ART AND DESIGN

Chair

Leslie Sharpe, MFA (UC San Diego)*Visual Art – Computing for the Arts*

Design Studies

Program Coordinator

Robert Andruchow, M.Des. (Alberta)*Visual Communication Design*

Faculty

Steven Bell, M.Des. (Alberta)*Industrial Design***Carole Charette, PhD (Concordia)***Art and Design Education***Kim Clegg, Dip. (MacEwan)***AudioVisual Communications***Terry Elkins, Dip. (MacEwan)***Graphic Design and Illustration***Carlos Fiorentino, M.Des. (Alberta)***Visual Communication Design***Adam Goudreau, Dip. (MacEwan)***Design and Photography***Valéry Goulet, MA (Laval)***Multimedia and Graphic Design***Joel Higham, MA (Griffith University)***Media Production***Brian Huffman, Dip. (ACAD)***Advertising Arts***Sarah Jackson, Dip. (MacEwan)***Design and Illustration***Mazi Javidiani, BFA (Concordia)***Computation Arts***Janet King, Dip. (MacEwan)***Design and Digital Media***Patrick King, Dip. (MacEwan)***Design and Illustration***Eleanor Lazare, Dip. (Ryerson)***Photographic Arts***Michael Lewcio, MA (Alberta)***Humanities Computing***Clayton Lowe, Dip. (MacEwan)***Design and Illustration*

FACULTIES OF THE UNIVERSITY

Nichole Magneson, Dip. (MacEwan)
Visual Communication (Display)

John Montague

David Moore, Dip. (MacEwan)
Visual Communication

Kathy Neiman, BFA (Alberta)
Art and Design

Dianne Nicholls, Dip. (MacEwan); Dip. (MacEwan)
Computer Graphic Design; Graphic Design and Illustration

Constanza Pacher, M.Des. (Alberta)
Visual Communication Design

Joe Raffa, Dip. (MacEwan)
Environmental Graphic Design

Robert Robertson, MA (Alberta)
Communications and Technology

Amanda Schutz, Dip. (MacEwan)
Design and Illustration

Curtis Trent, Dip. (NAIT)
Photographic Technology

Wayne Williams, MA (Alberta); B.Des. (Alberta)
Communications and Technology; Visual Communication Design

Igor Woroniuk, BFA (Manitoba); Dip. (MacEwan)
Painting; Graphic Design and Illustration

Mark Yiu

Fine Art

Program Coordinator

Leslie Sharpe, MFA (UC San Diego)
Visual Art – Computing for the Arts

Faculty

Rose Clancy, BFA (Alberta)
Painting and Sculpture

Liz Lawson, PhD (McGill)
Art History

Darci Mallon, MFA (York)
Painting

Kirk Marlow, MA (Carleton)
Art History

Bruce Montcombroux, MFA (Saskatchewan)
Studio Art

Deborah Rayment, MA (Alberta)
Art History

Hajnalka Santa-Balazs, MA (Alberta)
Art History

William Wood, PhD (Sussex)
History of Art

Gillian Willans, MFA (Alberta)
Painting

DEPARTMENT OF ARTS AND CULTURAL MANAGEMENT

Chair

Rose Ginther, MA (Athabasca)
Arts – Integrated Studies

Faculty

Barry Boroditsky

Marianne Bouthillier, B.Sc., MBA (Alberta)
Business

David Cheoros, MFA (Victoria)
Directing

Stephanie Enders, BA (Alberta)
Sociology

Jennifer Faulkner

Annetta Latham, MAM (Sydney Opera House / Australian Institute of Music)

John Mahon, BMus, MBA (Alberta)

Candace Makowichuk, Cert. (MacEwan)
Arts Administration

Rhea March

Julian Mayne, Dip. (MacEwan)
Music

Sandi Mullane, Cert. (NAIT), CGA
Accelerated Accounting

Katrina Regan-Ingram, BBA (Simon Fraser)
Business Administration

Denise Roy, M.Ed. (Alberta)
Adult Education

Michael Sulyma, B.Com. (Alberta)

Darka Tarnawsky, B.Sc. (Alberta)
Psychology

DEPARTMENT OF COMMUNICATION

Acting Chair

Lucille Mazo, M.Ed. (Athabasca)
Education

Faculty

Brian Gorman, PhD (Carleton)
Journalism

Iain Macpherson, PhD (Calgary)
Communication Studies

Sony Jalarajan Raj, PhD (Mahatma Gandhi)
Communication and Journalism

Peter Roccia, PhD (Alberta)
English

Leslie Vermeer, PhD (Alberta)
Educational Policy Studies

DEPARTMENT OF MUSIC

- Chair
Allan Gilliland, PhD (Edinburgh)
Composition
- Faculty
Chris Andrew, Dip. Music (MacEwan)
Performance
Nicolás Arnáez, M.Mus. (Alberta)
Composition
Raymond Baril, M.Mus. (Northwestern)
Conducting
Craig Brennan, EdD (Alberta)
Music Education
Graham Caddel
Roxanne Classen, M.Mus. (McGill)
Performance
Erin Craig, B.Mus. (Berklee)
Performance
Daniel Davis, M.Mus. (University of South Florida)
Performance
Sandro Dominelli, B.Mus.Ed. (Concordia)
Music
Jerrold Dubyk, M.Mus. (Rutgers)
Performance
Andrew Glover
Julie Golosky, M.Mus. (Alberta)
Performance
Joel Gray, Dip. Music (MacEwan)
Performance
Marcel Hamel, B.Mus. (Berklee)
Music Technology
Devin Hart, Dip. Music (MacEwan)
Performance
Jim Head, M.Mus. (McGill)
Performance
Jeff Johnson, LLB (Alberta); BA (Hon) (Alberta)
Music
Paul Johnston, M.Mus. (McGill)
Sound Recording
Robert Klakovich, PhD (SUNY)
Music History
Connor Learmonth, B.Mus. (British Columbia)
Orchestral Instrument
Mo Lefever, Dip. Music (MacEwan)
Performance
John Mahon, MBA (Alberta)
Josh McHan, M.Mus. (Alberta)
Performance
Michael McDonald, PhD (Alberta)
Music
John McMillan, Cert. (UCLA); B.Mus. (Toronto)
Film Scoring; Performance
Matthew Parsons, Dip. (MacEwan); B.Eng. (Canterbury)
Recording Arts
Jamie Philp, Dip. Music (MacEwan)
Performance
William Richards, PhD (Western Ontario)
Theory
- Chandelle Rimmer, M.Mus. (Boston)**
Performance; Music Education
Kent Sangster, M.Mus. (Miami)
Composition
Dan Skakun, MA (CUNY)
Performance
Dorothy Speers, M.Mus. (Alberta)
Performance
Rob Thompson, Dip. Music (MacEwan); BA (Alberta)
Performance
Brian Thurgood, M.Ed. (Victoria)
Education
Tom Van Seters, DMA (Toronto)
Performance
Robert Walsh, B.Mus. (McGill)
Performance
Cameron Watson, M.Mus. (Western Ontario)
Performance; Composition
Rhonda Withnell, Dip. Music (MacEwan)
Performance

DEPARTMENT OF THEATRE

- Interim Chair
Chandelle Rimmer, M.Mus. (Boston)
Music Education
- Theatre Arts
Program Coordinator
Jim Guedo, BA (Saskatchewan)
Drama
- Faculty
Renée Brad, B.Mus. (Saskatchewan)
Voice Performance
Marianne Copithorne, MFA (Alberta)
Directing
Janice Flower, Dip. (MacEwan)
Music Performance
Jan Henderson, B.A. (Dalhousie)
Theatre
Dave Horak, MFA (Alberta)
Directing
Cindy Kerr, Dip. (MacEwan)
Dance
Ron Long, M.Mus. (Southern Illinois)
Opera and Music Theatre
Ryan Parker, BFA (Alberta)
Acting
Doreen Piehl, MA (Alberta)
Drama
Kirstin Piehl, M.Mus (Boston Conservatory)
Vocal Performance
Jacqueline Pooke, Licentiate Member and Examiner (Imperial Society of Teachers of Dance); Licentiate (Merseyside Dance and Drama Centre)
Dance
Kate Ryan, BFA (Alberta)
Acting

FACULTIES OF THE UNIVERSITY

Dawn Sadoway, MFA (Alberta)

Theatre Voice Pedagogy

Jennifer Spencer, Dip. (MacEwan); Dip. (National Theatre School)

Theatre Arts; Acting

Farren Timoteo

David Wilson, M.Mus. (Alberta)

Choral Conducting

Theatre Production

Program Coordinator

Melissa Cuerrier, MA (Alberta)

Drama

Faculty

Geoff Bacchus, Dip. (MacEwan)

Theatre Production

John Battye, MA (Alberta)

Drama

Geoffrey George, BA (Brock); Dip EET & IET (NAIT); CET Electrical Engineering

Clayton Rodney, Dip. (MacEwan)

Theatre Production

Robert Smale, Dip. (MacEwan)

Theatre Production

Scott Spidell, MFA (York)

Theatre Production and Sustainable Design

Wade Staples, Dip. (MacEwan); Dip. (MacEwan)

Music Performance; Theatre Production

Darcy Turlock, Dip. (MacEwan)

Theatre Production

Cindi Zuby, MFA (Nebraska-Lincoln)

Scenography

Health and Community Studies

The Faculty of Health and Community Studies offers a diverse range of programs designed to prepare students for careers that will change lives and impact society. Student learning is facilitated through innovation and excellence in teaching, curricula, and technology integration. Our labs, clinics, and other unique learning spaces are designed to maximize practical learning through the guidance and support of faculty. We are committed to preparing graduates with the knowledge, skills, and attributes for successful careers and lifelong learning.

The Faculty of Health and Community Studies has an established history of working collaboratively with communities – locally, provincially, nationally, and internationally. Our programs are engaged in a broad range of community activities that include research, field placement, volunteer initiatives, guest speakers, and information sharing. Our faculty engage in scholarly activity to inform and enrich their teaching, professional practice, and knowledge within their disciplines. We foster integrity, responsibility, and ethical practice and strive to demonstrate an appreciation for diversity to enrich our work with students, colleagues, and communities.

Our vision is to enhance the health, safety, and well-being of our communities. Our programs in public safety, human services, and allied health provide you with an education to empower you to effectively support the people and communities around you.

Associate Dean

Sharon Hobden, M.Ed. (Alberta)

DEPARTMENT OF ALLIED HEALTH AND HUMAN PERFORMANCE

The Department of Allied Health and Human Performance is focused on the health and well-being of individuals and their communities. Faculty members with strong connections to professional practice prepare students for professions that enhance the quality of life of individuals, families and communities. Students develop the skills, theoretical knowledge, and practical skills needed to be successful in their chosen field.

Department Chair

Cassie Prochnau, M.Sc.OT (Alberta)

Programs

- Acupuncture
- Bachelor of Physical Education Transfer
- Hearing Aid Practitioner
- Massage Therapy
- Therapist Assistant

Acupuncture

Faculty

- Shehr Bano, MBBS, M.Sc. (Calgary)**
Medical Sciences
- Roman Bayrock, DC (Canadian Memorial Chiropractic College)**
Chiropractic, R.Ac.
- Nadine Crocker, M.Sc. (Alberta)**
Physical Therapy
- Michael McFarlane, B.Sc. (Alberta)**
Zoology/Biological Sciences. R.Ac.
- Amanda Roth, Dip. (MacEwan)**
Acupuncture. R.Ac. RMT.
- Adam Salzman, Dip. (MacEwan)**
Acupuncture. R.Ac. RMT.
- Debi Sawchuk, Dip. (MacEwan)**
Acupuncture. R.Ac.
- Monique Sweetapple, Dip. (MacEwan)**
Acupuncture. R.Ac.
- Darren Tellier, BA (Alberta)**
Psychology. TCMD. R.Ac.
- Barkley Tan, M.Sc. (Nanjing)**
Acupuncture. R.Ac.
- Blanca Vanier, Dip. (Academy of Chinese Medicine)**
Acupuncture. R.Ac.
- Fu-Lin Wang, MD (China), PhD (Calgary)**
Epidemiology (Community Medicine). R.Ac. RMT.
- Jiulin Wang, MD (China), M.Sc. (Nanjing University of TCM), Assistant Professor**
Traditional Chinese Medicine. TCMD. R.Ac.
- King S. Wong, B.Sc. (Guang Zhou University of TCM)**
Traditional Chinese Medicine. TCMD. R.Ac.

Bachelor of Physical Education Transfer

Faculty

- Ken Briggs, BPE (Alberta)**
- Barry Butt, BPE (Aberta)**
- Paul Chahal, PhD (Alberta)**
Exercise Physiology
- John Corlett, PhD (Simon Fraser)**
Kinesiology
- Tim Enger, BPE (Alberta)**
- Dave Kato, MA (Indiana State)**
Sports Medicine/Exercise Physiology
- Katie Mahon, BA (Alberta)**
Recreation, Sport and Training
- Aletheia Mendes, MA (Alberta)**
Physical Education
- Adrian Popescu, PhD (Alberta)**
Physical Education
- Cynthia Puddu, M.Sc. (Alberta)**
Physical Education
- John Valentine, MA (Carleton); MA (Alberta)**
Physical Education; Canadian Studies
- Jonathan Verhesen, MCoach (Alberta)**
- Caitlin Wheeler, M.Sc. (New Brunswick)**
Exercise and Sport Science

Hearing Aid Practitioner

Faculty

- Ken Balcom, MBA (Alberta)**
Business Administration
- Arlene Carson, PhD (British Columbia)**
Audiology. R.Aud. (courtesy)
- Jean Duncan, M.Sc. (British Columbia)**
Audiology. R.Aud.
- Jodi Haberstock, AuD (A.T. Still)**
Audiology, R.Aud. (courtesy)
- Markus Hilbert, AuD (Salus)**
Audiology. R.Aud.
- Lisa Lopez, AuD (Central Michigan)**
Audiology. R.Aud.
- Julie Purdy, PhD (Utah)**
Communication Disorders; Geriatric Audiology. CCC – A.R.Aud. (courtesy)
- Raeanne Rowsell, PhD (A.T. Still)**
Audiology. R.Aud.
- Carol Stevenson, MSHA (Central Michigan)**
Health Administration
- Patti-Jo Sullivan, AuD (A.T. Still)**
Audiology. R.Aud.
- Neil Walton, M.Sc. (British Columbia)**
Audiology. R.Aud. (courtesy)
- Tara Winsor, AuD (Florida)**
Audiology. R.Aud.

Massage Therapy

Faculty

- Gail Amort-Larson, M.Sc. (Alberta)**
Physical Education
- Jacqueline Chalifoux, B.Sc. (Alberta)**
Psychology. RMT.
- Pam Cushing, BA (Alberta)**
Gerontology. RMT.
- Dawna-Lynne Duffy, Dip. (CCMH)**
Massage Therapy. RMT.
- Aurel Hamran, Dip. (MacEwan)**
Massage Therapy. RMT.
- Heidi Hanninen, Dip. (MacEwan)**
Massage Therapy. RMT.
- Sandra Macdonald, BA (Alberta)**
Religious Studies; Sociology; Psychology. RMT.
- Michael McFarlane, B.Sc. (Alberta)**
Zoology/Biological Sciences. R.Ac.
- Jeff Moggach, MA (Royal Roads), Assistant Professor**
Learning and Technology. RMT.
- Dana Miller, Dip. (MacEwan)**
Massage Therapy. RMT.
- Rowe Anne Rivet, BA (Alberta)**
Education. RMT.
- Matthew Rolheiser, B.Sc.; B.Ed. (Alberta)**
Biology; Education
- Claudia Seiler-Mutton, M.Ed. (Alberta)**
Education. RN.
- Lois Wihlidal, M.Sc. (Alberta)**
Physical Therapy
- Cindy Wyrozub, Dip. (MacEwan)**
Massage Therapy. RMT.

Therapist Assistant

Faculty

Josee Amyotte, M.Ed. (Alberta)

Speech Language Pathology

Cindy Bonin, B.Sc.PT (Alberta)

Physical Therapy

Sharon Chatenay, M.Sc.OT (Alberta)

Occupational Therapy

Erin Duebel, M.Sc.OT (Alberta)

Occupational Therapy

C. Jonah Eleweke, PhD (Alberta and Manchester)

Special Education. Audiology

Maureen Gates, M.Ed. (Alberta)

Speech Language Pathology

Connie Gongos, Dip. (MacEwan)

Early Childhood Development

Brenda Heffernan, MHS (Athabasca)

Physical Therapy

Jacqui Hunt, Dip. (Bristol)

Physical Therapy

Jody Marshall, M.Ed. (Alberta)

Speech Language Pathology

Robin Mazumder, M.Sc.OT (Alberta)

Occupational Therapy

Keeley Smith, B.Sc.PT (Ontario)

Physical Therapy

Nerissa Smith, B.Sc.OT (Alberta)

Occupational Therapy

Vicki Ternes, B.Ed. (Saskatchewan)

Education

Shannon Williams, M.Ed. (Minot State)

Speech Language Pathology

Shawna Woolley, MSLP (Alberta)

Speech Language Pathology

DEPARTMENT OF CHILD AND YOUTH CARE

The Department of Child and Youth Care provides an undergraduate degree (with a diploma exit) focused on providing the knowledge and practical skills required to work in a professional environment with high-risk youth and families. Students have the opportunity to learn from highly qualified faculty involved in practice and research with children, youth, families and communities.

Department Chair

Donna Jamieson, M.Ed. (Alberta)

Counselling. CCYC.

Programs

- Bachelor of Child and Youth Care (with diploma exit)

Faculty

Donna Barker, M.Sc. (Nova Southeastern)

Child and Youth Care. CCYC.

Gerard Bellefeuille, PhD (Victoria)

Child and Youth Care

Ahna Berikoff, PhD (Victoria)

Child and Youth Care. CCYC.

Angila Chase, MA (Seattle)

Counselling

Linda Dionne-MacIsaac, B.Sc. (Alberta)

Psychology. CCYC.

Kerry Heaney-Dalton, BA (Victoria)

Child and Youth Care. CCYC.

Catherine Hedlin, MPM (Alberta)

Public Management. CCYC.

Jenny McGrath, M.Sc. (Nova Southeastern)

Family Support Studies. CCYC.

Jack Phelan, MS (Long Island University)

Counselling. CCYC.

Christine Pope, MHS (Nova Southeastern)

Child Protection. CCYC.

Mary Sorobey, MA (Seattle)

Counselling

Brenda Thompson, MC (Seattle)

Counseling Psychology

DEPARTMENT OF HUMAN SERVICES AND EARLY LEARNING

The Department of Human Services and Early Learning prepares students to become educators of children and youth in a variety of early learning and educational settings. The department also provides students the opportunity to become effective human service managers and leaders. Faculty with strong connections to the field ensure students acquire the necessary professional practice skills and knowledge to excel in their chosen career.

Department Chair

Pat Moore-Juzwishin, MBA (Victoria)

Programs

- Bachelor of Applied Human Service Administration
- Early Learning and Child Care
- Special Needs Educational Assistant

Bachelor of Applied Human Service Administration

Faculty

Cheryl Crocker, PhD (Victoria)

Interdisciplinary

Christopher Hay, MA (Carleton)

Sociology, Criminology

Michelle Malin, M.P.Acc. (Saskatchewan)

Accounting

Carole Massing, PhD (Alberta)

Elementary Education

Duane Massing, PhD (Alberta)

Secondary Education

Petra Schulz, M.Ed. (Philipps)

Special Education

Nora Shea, MA (Central Michigan)

Program Development and Administration

Leo Wong, PhD (Alberta)

Marketing

Early Learning and Child Care

Faculty

Donna Badach, M.Ed. (Alberta)

Elementary Education

Ann Basualdo, B.Ed. (Alberta)

Elementary Education

Sandra Beckman, M.Sc. (Nova Southeastern)

Early Childhood Administration

Rebecca Dupont, B.Ed. (Alberta)

Elementary Education

Rhonda Fischer, M.Ed. (Alberta)

Educational Policy Studies

Jane Hewes, PhD (Alberta)

Education

Tricia Lirette, PhD (Alberta)

Educational Policy Studies

Lee Makovichuk, M.Ed. (Alberta)

Elementary Education

Margaret Mykietyshyn, M.Ed. (Alberta)

Elementary Education

Elzbieta Olszewska, Dip (MacEwan)

Early Childhood Development

Heather Stringer, B.A. (Guelph)

Psychology

Nancy Thomas, M.Ed. (Alberta)

Elementary Education

Aisha Yorke, B.App. Child Studies (Mount Royal)

Child Studies

Special Needs Educational Assistant

Faculty

Kim Froese, B.Ed. (Lethbridge)

English

Karen Heslop, M.Ed. (Calgary), MA (Seattle)

Community Rehabilitation and Disability Studies, Counselling Psychology

Merle Kennedy, PhD (Alberta)

Elementary Education

Shauna Pilipchuk, BCR (Calgary)

Community Rehabilitation and Disability Studies

Theresa Pond, M.Ed. (Seattle Pacific)

Curriculum and Instruction

Debbie Royer, M.Ed (Alberta)

Policy Studies

Linda Scouten, M.Ed. (Alberta)

Adult Education

FACULTIES OF THE UNIVERSITY

DEPARTMENT OF PUBLIC SAFETY AND JUSTICE STUDIES

The Department of Public Safety and Justice Studies programs are focused on equipping students with the knowledge and skills required to build safe, secure and just communities. Faculty members with strong connections to professional practice prepare students to protect and serve our communities. With programs in policing, investigations, correctional services, and emergency communication and response, the department offers a variety of pathways towards a career in justice or public safety.

Department Chair

Kevin Hood, M.Ed. (Alberta)

Programs

- Correctional Services
- Emergency Communications and Response
- Police and Investigations

Correctional Services

Faculty

Michelle Andrews, MCA (Ottawa)

Criminology

A. Scott Aylwin, PhD (Alberta)

Psychiatry

Tracey Cyca, MCA (Ottawa)

Criminology

Fiona Gironella, MA (Alberta)

Criminal Justice Administration

Rae-Ann Lajeunesse, MDE (Athabasca)

Distance Education

Caroline Madill, MA (Alberta)

Correctional Administration

Kelly Micetich, MA (Royal Roads)

Intercultural and International Communication

Brenda Thompson, MC (Seattle)

Counseling Psychology

Tim Williams, MA (Alberta)

Sociology

Emergency Communications and Response

Faculty

Sherry Ayriss

Lisa Buys, PhD (Illinois)

Clinical Psychology. C.Psych

Doug Johnson, EMT-P (NAIT); MA (Royal Roads)

Paramedic. Leadership

Police and Investigations

Faculty

Bob Anderson

Tanya Anderson, M.Ed. (Calgary)

Psychology

Stewart Callioux, BPA (Athabasca)

Criminal Justice

Fons Chafe, M.Ed.(Memorial)

Education

Randy Chaulk, BA (Saskatchewan); B.Ed. (Alberta)

Education

Ted Chomchuk, BA (Alberta)

Criminology

Sharon Hobden, M.Ed. (Ualberta)

Adult Education

Dan Jones

Devin LaForce, MSFS (Oklahoma)

Della Lewis, BA (Alberta)

Gene Maeda

Fred Rayner, BA (Alberta)

Political Science; Economics

Heather Smith, BA (Iowa)

Recreation, Health and Physical Education

Uzma Williams, PhD(c) (McMaster)

Rehabilitation Sciences

SCHOOL OF SOCIAL WORK

Transformative, collaborative and supportive education: it's at the heart of what we do. The same qualities are at the heart of what social workers do when they work with families, provide support and transform lives in the communities where they live and work. Students are prepared with the competencies and practice skills to assess and practice in a professional social work setting. Faculty members have a wide range of expertise in social work education, strong connections with the community, and active engagement in research and scholarly activities to advance social work education.

Department Chair

Kathaleen Quinn, MSW (Wilfrid Laurier)

Programs

- Bachelor of Social Work
- Social Work diploma

Faculty

Sandra Alton, MSW (Toronto)

Social Work. RSW.

Joelle Badman, MSW (Calgary)

Social Work. RSW.

Derek Chewka, MSW (Calgary)

Social Work. RSW.

Amber Dion, MSW (Calgary)

Social Work. RSW.

Arlene Eaton-Erickson, MSW (Dalhousie)

Social Work. RSW.

Erin Gray, MSW (Wilfrid Laurier); PhD (Wales) UK

Social Policy. RSW.

Faye Hamilton, MSW (Calgary)

Social Work. RSW.

Helena Hawryluk, MSW (Calgary)

Social Work. RSW.

Alan Knowles, MSW (Calgary); PhD (Alberta)

Educational Policy Studies. RSW.

Danielle Larocque, MSW (Calgary)

Social Work, RSW.

Tracy Macleod, MSW (Dalhousie)

Social Work. RSW.

Gisele Mak, MSW (Dalhousie)

Social Work. RSW.

Krista Osborne, MSW (Calgary)

Social Work, RSW.

Valerie Ouedraogo, MSW, PhD (Germany)

Joby Scaria, MSW (York)

Social Work. RSW.

Maria Smyth, MSW (Carleton)

Social Work, RSW.

Alec Stratford, MSW (Calgary)

Social Work, RSW.

Peter Vogels, MSW (Calgary); PhD (Alberta)

Education, RSW.

Marianne Wright, MA (Calgary)

Social Work. RSW.

Nursing

The Faculty of Nursing offers innovative and diverse programming designed to meet the educational needs of those aspiring to become registered nurses (RNs) or registered psychiatric nurses (RPNs), practicing RNs and RPNs, and other health professionals. The Faculty of Nursing also provides leadership in teaching and learning that informs professional nursing practice while contributing to the advancement of knowledge in nursing and psychiatric/mental health nursing. Our aim is to prepare outstanding graduates who are committed to excellence in practice and who enhance the health, safety and well-being of individuals, families, communities, and society. Graduates of our programs have the ability to become leaders within their profession, and thus have the opportunity to play a significant role in influencing the delivery of health care services and in influencing the health of populations.

Nursing has been an integral part of the history of MacEwan University since 1971. The university is recognized for its strong programming in nursing, the quality of its graduates, and the value placed on community partners in education. Faculty members have expertise in their field, a passion for teaching/nursing, and a valuing of life-long learning. Consistent with the university's pillars and educational philosophy, faculty are committed to learner-centred teaching, scholarship, promotion of academic excellence, and creating collaborative and supportive learning environments. The programs, departments and centres within our Faculty of Nursing maintain professional and academic linkages and partnerships at the local, national, and international level.

Associate Dean

Christy Raymond-Seniuk, PhD (Alberta)

Nursing. RN.

DEPARTMENT OF NURSING SCIENCE

The Bachelor of Science in Nursing (BScN) program is offered through the Department of Nursing Science. The mission of the BScN program is to prepare outstanding graduates who are committed to excellence in professional practice and who contribute to the health and well-being of individuals, families, communities, and society. Students are supported in their learning by faculty members having theoretical and/or clinical expertise in the study area and a passion for teaching. Program graduates possess the requisite knowledge, skills and other attributes to practice safe, ethical and evidence-informed nursing, both independently and collaboratively, with patients/clients and interprofessional/intersectoral members in diverse settings. Graduates demonstrate critical thinking, clinical judgment, flexibility and creativity, and are able to function ethically and effectively in unpredictable and complex situations. Graduates may also transition into the practice domains of administration, education and research.

Department Chair

Program

- Bachelor of Science in Nursing

Faculty

Marian Anderson, BScN; MEd (Alberta)
Education. RN.

Alicia Bankowski, BScN (Alberta)
Nursing. RN.

Gabriel Barrington-Moss, BScN; MSN (Phoenix)
Nursing. RN.

Debra Bennett, BScN (Alberta)
Nursing. RN.

Lorna Bennett, BScN; MN (Athabasca)
Nursing. RN.

Keri-Ann Berga, BScN; MScN (Ottawa)
Nursing. RN. IBCLC. PNC(c).

Kristyn Berube, BScN; MScN (Ottawa)
Nursing. RN.

Barb Borkent, BScN (Alberta)
Nursing. RN.

Bibi Boudreau, BScN (Ontario)
Nursing. RN.

Catherine (Kate) Bowman, BScN; MN (Alberta)
Nursing. RN.

Elizabeth Burgess-Pinto, BScN; PhD (Alberta)
Nursing. RN. IBCLC.

Alana Bykowski, BScN (Alberta)
Nursing. RN.

Sasha Campbell, BScN (MacEwan)
Nursing. RN.

Susan Carlson, BScN; MN (Alberta)
Nursing. RN.

Linda Cavanaugh, BScN; MAdEd (St. Francis Xavier)
Adult Education. RN.

Hope Chick, BScN; MN (Alberta)
Nursing. RN.

Andrea Chute, BN; MN (Alberta)
Nursing. RN.

Tammy Cooper, BScN (Alberta)
Nursing. RN.

Irene Coulson, BScN; PhD (Queensland)
Social Policy. RN.

Amy Crossland, BScN (Alberta)
Nursing. RN.

Paula Culling, BA (Nursing); MSNEd (Phoenix)
Nursing. RN.

Sherri Dickson, BScN (Alberta)
Nursing. RN.

Claudine Drefs, BScN (Alberta)
Nursing. RN.

Melissa Dressler, BN (New Brunswick)
Nursing. RN.

Lisa Duncan, BScN (Alberta)
Nursing. RN.

Dana Eftodie, BScN (Alberta)
Nursing. RN.

Suzanne Flynn, BScN; MN (Alberta)
Nursing. RN.

Colette Foisy-Doll, BScN; MSN (Grand Canyon)
Nursing. RN. CHSE.

Jana Frentz, BScN (Alberta)
Nursing. RN.

Jennifer Freidenstab, BScN (Alberta)
Nursing. RN.

Melanie Gates, BScN; MN (Alberta)
Nursing. RN.

Shelly Gillespie, BScN; MN (Athabasca)
Nursing. RN.

Leah Greer, BScN (Victoria)
Nursing. RN.

Mona Haimour, BScN; MN (Jordan)
Nursing. RN.

Catherine Hall, BN (Lethbridge)
Nursing. RN.

Theresa Handel, BScN (Alberta)
Nursing. RN.

Mary Hanson, BScN (Alberta)
Nursing. RN.

Heather Hector, BScN (Alberta)
Nursing. RN.

Nicole Henderson, BScN (Alberta)
Nursing. RN.

Michael Hermans, BScN (Alberta)
Nursing. RN.

Tanya Heuver, BScN; MN (Alberta)
Nursing. RN.

Sheila Hordal, BScN (Alberta)
Nursing. RN.

Sarah Hung, BScN (Saskatchewan)
Nursing. RN.

Dianne Ilesic, BScN (Alberta)
Nursing. RN.

Kimberly Jalal, BScN (Alberta)
Nursing. RN.

Sharon Johnston, BScN; MSc (Alberta)
Health Promotion. RN.

Kathryn Jones, BScN; PhD (Oregon)
Health Education. RN.

Manpreet Kaur, BScN (Ontario)
Nursing. RN.

- Paul Kerr, BSc; PhD (London, UK)**
Pharmacology
- Dawn Kingham, BScN (Alberta)**
Nursing. RN.
- Deanna Klettke, BScN (Alberta)**
Nursing. RN.
- Susan Knibbs, BScN (Saskatchewan)**
Nursing. RN.
- Kathryn Krauthahn, BScN (Alberta)**
Nursing. RN.
- Jessica Labbe, BScN (Alberta)**
Nursing. RN.
- Nancy Laurensse, BScN (Alberta)**
Nursing. RN.
- Lisa Lenuik, BSN (Southern Nazarene)**
Nursing. RN.
- Ann Little, BScN; MN (Victoria)**
Nursing. RN.
- Sharon Lysachok, BScN (Alberta)**
Nursing. RN.
- Trish Mandrusiak, BScN; MN (Alberta)**
Nursing. RN.
- Colleen Maykut, BScN; DNP (Case Western Reserve)**
Nursing. RN.
- Amanda McDonald, BScN (Alberta)**
Nursing. RN.
- Safina McIntyre, BScN; MN (Alberta)**
Nursing. RN.
- Lisa McKendrick-Calder, BScN; MN (Athabasca)**
Nursing. RN.
- Adam Mella, BScN; MN (Alberta)**
Nursing. RN.
- Marie Middleton, BScN; MEd (Alberta)**
Education. RN.
- Kathleen Miller, BScN; MN (Alberta)**
Nursing. RN.
- Madeline Mills Jones, BScN; MN (Alberta)**
Nursing. RN.
- Margaret Milner, BScN; MN (Alberta)**
Nursing. RN.
- Agnes Mitchell, BScN; MN (Alberta)**
Nursing. RN. GNC(c).
- Yuwaraj Narnaware, MSc; PhD (Bath, UK)**
Physiology and Endocrinology
- Vivian Neis, BScN (Alberta)**
Nursing. RN.
- Melanie Neumeier, BScN; MN (Newfoundland)**
Nursing. RN.
- Holly Newell, BScN (Dalhousie)**
Nursing. RN.
- Sheri Norum, BScN (Alberta)**
Nursing. RN.
- Alice Nycholat, BScN (Saskatchewan)**
Nursing. RN.
- Judee Onyskiw, BScN; PhD (Alberta)**
Nursing. RN.
- Kathryn Ozum, BScN; MN (Alberta)**
Nursing. RN. OHC(c).
- Tanya Paananen, BN; MBA (Ashford)**
Nursing. RN. Cneph(C).
- Karen Pelletier, BScN**
Nursing. RN.
- Cheryl Pollard, BScN; PhD (Alberta)**
Nursing. RN.
- Christy Raymond-Seniuk, BScN; PhD (Alberta)**
Nursing. RN.
- Heather Reiter, BScN (Alberta)**
Nursing. RN.
- Lynda Robinson, BScN (Alberta)**
Nursing. RN. IBCLC.
- Sheryl Ross, BScN (Alberta)**
Nursing. RN.
- Loveth Rudolph, BScN (Alberta)**
Nursing. RN.
- Jordana Salma, BScN; MN (Alberta)**
Nursing. RN.
- Binthi Samuel, MSc; PhD (Rajasthan, India)**
Radiation Biology
- Anna Seibel, BScN (Alberta)**
Nursing. RN.
- Claudia Seilor-Mutton, BScN; MEd (Alberta)**
Education. RN.
- Yvonne Shelast, BScN; MN (Alberta)**
Nursing. RN.
- Sheena Simpkins Gibbs, BN; MScN (Lethbridge)**
Nursing. RN.
- Jaime Starchuk, BScN (Alberta)**
Nursing. RN.
- Margaret Swedish, BScN; MDE (Athabasca)**
Distance Education. RN.
- Holly Symonds-Brown, BScN; MSN (Rush)**
Nursing. RN. CPMHN(c).
- Barb Tarnowski, BScN; MN (Alberta)**
Nursing. RN.
- Leanne Topola, BScN; MN (Athabasca)**
Nursing. RN. IBCLC.
- Sharon Tougas, BScN (Alberta)**
Nursing. RN.
- Kim Tupala, BScN; MN (Athabasca)**
Nursing. RN.
- Jamie Turpin, BScN (Laurentian)**
Nursing. RN.
- Janifer Usyk, BScN (Alberta)**
Nursing. RN.
- Elisha Vadnais, BScN; MN (Ottawa)**
Nursing. RN.
- Elizabeth White-McDonald, BScN; MN (Alberta)**
Nursing. RN.
- Carol Wild, BN; MScN (McGill)**
Nursing. RN.
- Shelley Winton, BScN; MPS (Alberta)**
Psychotherapy and Spirituality. RN.
- Margot Zemrau, BScN (Alberta)**
Nursing. RN.

DEPARTMENT OF PSYCHIATRIC NURSING

The aim of the Department of Psychiatric Nursing is to advance psychiatric nursing education and practice through development and delivery of high quality, innovative, relevant curricula; strong professional, academic and clinical partnerships; and attention to professional standards. The department offers a diploma and post-diploma degree program in Psychiatric Nursing. Faculty members are passionate about their field and are committed to providing a supportive, collaborative learning environment that fosters student success. Diploma graduates promote optimal mental, physical, and psychosocial health for clients across the lifespan in diverse settings. The post-diploma degree program offers a balance between liberal and professional education with increased depth and breadth of studies, a global perspective, and an opportunity to enhance knowledge, skills and other professional attributes in such areas as community mental health, child and adolescent psychiatry, the criminal justice system, addictions and substance abuse, nursing research, and leadership.

Department Chair

Brian Parker, BScN, PhD (Alberta)

Programs

- Psychiatric Nursing Diploma
- Bachelor of Psychiatric Nursing

Faculty

Marian Anderson, BScN; MEd (Alberta)
Education, RN.

Judy Bowie, BScN; MN (Alberta)
Nursing, RN.

Martha Braun, BScN (Alberta)
Nursing, RN. RPN.

Claudine Drefs, BScN (Alberta)
Nursing, RN.

Randi Ziorio Dunlop, BScPN; MEd (Alberta)
Health Sciences Education. RPN.

Tracey Eklund, BHScPN; MHST (Athabasca)
Leadership. RPN.

Danielle Gagnon, BN; MA (Counselling); PhD(c)
Nursing, RN. RPsych.

Audrey Guthrie, BScN; MHSA (Alberta)
Health Services Administration. RN. GNC (c)

Mary Haase, BScN; PhD (Alberta)
Nursing, RPN.

Ashif Kassam, MA (Yorkville)
Counselling Psychology. RPN.

Craig Kotnyek, BScN (Alberta)
Nursing, RN.

Ken Kustiak, BScN; MN (Athabasca)
Nursing, RN. RPN.

Robert Lockhart, BScN; MA (Royal Roads)
Leadership and Training. RN. RPN.

Corey McAuley, BScN (Alberta)
Nursing, RN.

Sherrie Meilleur, BScN (Alberta)
Nursing, RN.

Brandi Pawliuk, BScN; MN (Monash, Victoria)
Mental Health RN. CPMHN(c)

Paul Ramalingam, PhD (Notre Dame)
Cell Biology.

Heather Scarlett-Ferguson, BSP, MEd (DE), EdD(c)
(Athabasca)
RPh.

Susan Stoesz, BScN (Alberta)
Nursing, RN.

Jillian Thomas, BScN (Alberta)
Nursing, RN. CPMHN(c)

Peter Vermeulen, BScPN (Douglas)
Psychiatric Nursing. RPN.

Brittany Walsh, BScN (Alberta)
Nursing, RN. RPN.

Chris Watkins, BScPN; MN (Monash, Victoria)
Mental Health. RPN.

Melissa Watkins, BN; MN (Monash, Victoria)
Mental Health. RN. RPN.

CENTRE FOR PROFESSIONAL NURSING EDUCATION

The Centre for Professional Nursing Education is dedicated to serving front-line multidisciplinary practitioners who strive to improve the health and quality of life for individuals, communities and industries. The centre offers a mosaic of innovative continuing education programs for nurses and other health care professionals, with programming that is grounded in evidence-informed practice.

Director

Shirley Galenza, M.Ed. (Calgary)

Programs

- Cardiac Nursing Post-Basic Certificate
- Occupational Health Nursing Certificate
- Perioperative Nursing for Registered Nurses
- Post-Basic Nursing Practice
- Wound Management Post-Basic Certificate

Faculty

Kelly Brennan, BScN (Alberta)
RN.

Nancy Brennan, BScN (Alberta)
RN.

Sharon L. Chadwick, BScN, M.Sc. (Alberta)
Health Promotion. RN. COHN(c). COHN-S.

Shirley Chandler, M.Sc. (McGill)
Nursing. Occupational Health. RN

Robin Cooper, MN (Alberta)
Nursing, RN.

Gail Couch, MN (Alberta)
Nursing, RN.

Tammy Damberger, MN (Alberta)
Nursing, RN.

Roxanne Fox, BScN (Alberta), MSN, MBA
Nursing, RN.

Guen Kernaleguen, MClSc (Western)
Clinical Science Wound Healing. RN. CAET.

Janice Krushinsky, RN, Dip. (Royal Alexandra Hospital)
Nursing; Occupational Health. RN.

Jodee Lancaster*Nursing. RN.***Meagan LaRiviere, MALAT (Alberta)***RVT. RDMS.***Andrea Lysak, BScN (Alberta), RNFA***Nursing. RN. CPN(c)***Kim McLennan-Robbins***RN. CPN(c).***Joan Mills, MN (Alberta),***Nursing. RN. CCN(c).***Leah Milton, BN (Calgary)***Nursing. Occupational Health. RN.***Jane Ratay, BScN (Alberta)***Nursing. RN. IIWCC. ET.***Lynn Rogers, MN (Calgary)***Nursing. Occupational Health. RN.***Claudia Seiler-Mutton, BScN, M.Ed. (Alberta)***Nursing. RN.***Rajamalar Senthuran, ND, MN (Alberta), CDE****Christopher Sheppard, M.Sc. (Memorial)***Inorganic Chemistry***Marcie Smigorowsky, MN (Alberta)***Nursing. RN. NP. CCN(c).***Lisa Stevens-Myles, RN, Dip. (St Lawrence)***Nursing. Occupational Health. RN.***Gayle Urquhart, MN (Alberta),***Nursing. RN.***Lora Walker, RN, OHNC Dip. (University of Alberta Hospital)***Nursing. Occupational Health. RN.***Teresa Woytkiw, MN (Alberta)***Nursing. RN.***CLINICAL SIMULATION CENTRE**

The Clinical Simulation Centre (CSC) is a state-of-the-art clinical laboratory and simulation learning space that sets the stage for students from nursing and other programs to practice skills and exercise critical thinking in a realistic environment. Learning through simulation brings theory to life and enables students to safely integrate theory into practice. The highly specialized CSC team champions experiential and innovative learning, research, interdisciplinary collaborations, and patient safety.



PROGRAMS OF STUDY

The following sections are a complete listing of all programs for which MacEwan University offers provincially approved credentials.

Each Program of Study establishes an approved pattern or group of credit courses or coursework and provides the program structure, by terms and/or years, for a provincially approved credential (certificate, diploma, post-diploma certificate, applied degree or bachelor degree). Each Program of Study is unique and may contain the following component parts:

CORE courses are essential credit courses required in the Program of Study.

Some programs include **ELECTIVE(S)**. Electives are credit courses which are curriculum components of a Program of Study intended to supplement, not replace, any part of the program core. Electives present students with the choice and opportunity to vary their curriculum according to individual interests. Electives within Programs of Study may specify discipline and or level of study conditions, but do not restrict students to a prescribed list of specific courses.

OPTIONS are credit courses which are curriculum components of a Program of Study. They provide students with greater specificity of knowledge within a field of study. Options differ from electives: student choice of options is restricted to a prescribed list of specific courses published by the program.

EXAMPLE

ACCOUNTING AND STRATEGIC MEASUREMENT

PROGRAM OF STUDY

COURSE #	YEAR I	COURSE NAME	CURRICULUM COMPONENT
			Credits
	Term I		
ACCT 111		Financial Accounting I*	3
MGMT 107		Business Computing*	3
BUSN 200		Fundamentals of Business	3
	OR		
BUSN 201		Introduction to Sustainable Business	3
ECON 101		Introduction to Microeconomics	3
ENGL 102		Analysis and Argument	3
	Term II		
ACCT 161		Financial Accounting II*	3
ACCT 164		Accounting Software Applications	3
ACCT 162		Practical Tax Applications*	3
ACCT 218		Management Accounting I*	3
LEGL 210		Business Law I	3
	YEAR II		
	Term III		Credits
ACCT 315		Intermediate Financial Accounting I	3
ACCT 215		Quantitative Decision Support*	3
ACCT 214		Integrated Accounting Systems	3
ACCT 268		Management Accounting II*	3
PROW 210		Advanced Business Writing	3
	Term IV		
ACCT 255		Financial Management*	3
	OR		
FNCE 301		Introductory Finance	3
ACCT 316		Intermediate Financial Accounting II	3
ACCT 275		Accounting Information Systems*	3
ACCT 318		Management Accounting III*	3
		Elective	3



BACHELOR DEGREES

Bachelor of Arts	64
Bachelor of Child and Youth Care	79
Bachelor of Commerce	82
Bachelor of Communication Studies	89
Bachelor of Music in Jazz and Contemporary Popular Music	92
Bachelor of Psychiatric Nursing	99
Bachelor of Science	102
Bachelor of Science in Nursing	110
Bachelor of Social Work	114

BACHELOR OF ARTS

Faculty of Arts and Science

MacEwan.ca/BA

MacEwan University's Bachelor of Arts (BA) is designed to provide a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree is intended to provide students with breadth, depth, and diversity in the areas of humanities, sciences, social sciences, analytical studies, and fine arts as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines, and are required to be familiar with the academic and faculty regulations and procedures as published herein.

ARTS DISCIPLINES

	Major	Minor	Honours Disciplines
Anthropology	✓	✓	✓
Classics	–	✓	–
Creative Writing	–	✓	–
Economics	✓	✓	–
English	✓	✓	✓
French	–	✓	–
History	✓	✓	–
Philosophy	✓	✓	–
Political Science	✓	✓	✓
Psychology	✓	✓	✓
Sociology	✓	✓	✓
Spanish	–	✓	–

SCIENCE DISCIPLINES

See Bachelor of Science program of study for details.

	Major	Minor
Biological Sciences	✓	✓
Chemistry	–	✓
Computer Science	✓	✓
Earth and Planetary Sciences	–	✓
Mathematics	✓	✓
Physics	–	✓
Statistics	–	✓

OUT OF FACULTY MINORS

Business Law	–	✓
Business Studies	–	✓

GENERAL PROGRAM INFORMATION

The BA program requires students to complete 120 credits of non-duplicative coursework. The BA emphasizes both breadth and depth and has been redesigned for exceptional flexibility and customization. Students can now complete a major and a minor, a double major, or a major and a double minor.

BACHELOR OF ARTS IN EDUCATION TRANSFER STREAM

Students who intend to pursue an education degree at other universities can start their studies within the Bachelor of Arts program at MacEwan University. There are a selection of courses that may be taken to facilitate the transition to an after-degree education program or, if the student prefers, transfer to a B.Ed. program after completion of as many as 60 credits of coursework. These courses may also be applied to the MacEwan University Bachelor of Arts or Science degree.

Completion of education oriented courses at MacEwan University does not guarantee admission to the subsequent education program. Each program requires a separate application and entry is competitive, not automatic. Students are advised to consult the admissions requirements for the program at the university of their choice and to select their MacEwan University courses accordingly.

TRANSFERABILITY

All courses completed for the Bachelor of Arts degree are credit courses and may be individually transferable toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 is required for a major or minor in Economics.
- Mathematics 30-1 or 30-2 is required for a major or minor in Psychology.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required high school courses listed under the Regular Admission category.

OR

- A MacEwan University diploma, or equivalent, with a minimum Graduation Grade Point Average (GGPA) of 2.0 on a 4.0 scale and English 30-1 or a minimum grade of C- in ENGL 111.

Applicants who present a minimum 2.0 on a 4.0 scale Graduation Grade Point Average (GGPA) from specific MacEwan University diplomas, or equivalent, may be eligible for block transfer of coursework.

PROBATIONARY ADMISSION

To be evaluated through the Program

A limited number of probationary admissions may be granted to applicants who meet the admission criteria outlined in one of the categories of admission and who have attempted nine or more university-level credits but their Admission Grade Point Average (AGPA) is less than 2.0 on a 4.0 scale.

To be considered in the probationary admission category, at the time of admission an applicant must present:

- An Admission Grade Point Average (AGPA) between 1.7 and 1.99.

AND ONE OF THE FOLLOWING

- No grade less than C on the most recent nine credits of university-level course work.

OR

- A minimum Grade Point Average (GPA) of 2.0 on the most recent twelve or more credits of university-level course work.

Applicants who do not satisfy all these conditions will not be considered for admission in this category.

Those students accepted into the probationary category will be required to sign a probation contract.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

PROGRAM OF STUDY

BREADTH REQUIREMENTS

Courses can be used **both** to satisfy the breadth, **and** placed in a student's major(s), minor(s), and options.

		Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111 and ENGL 108), as well as 6 credits in one language other than English or world literature (COMP 102/103)	12
Humanities	Classics, History, Humanities, or Philosophy	6
Sciences	Astronomy, Biochemistry, Biology, Botany, Chemistry, Computer Science, Earth and Planetary Science, Physics, Psychology, Zoology, or SCIE 201	6
Social Sciences	Anthropology, Economics, Political Science, Psychology, or Sociology	6
Analytical Studies	LING 101, PHIL 125, Mathematics, or Statistics	3
Fine Arts	Art, Art History, Drama, Music, or Creative Writing (CRWR 295)	3
	Total Breadth	36

Major	Major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level	42-60
Second Major or Minor(s)	Students have the option of completing a second major, or one or two minors. Minor courses must be completed at the senior-level	18-60
Options	Students can complete up to 15 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

BACHELOR OF ARTS – HONOURS DISCIPLINES INFORMATION

The BA Honours provides eligible students with the opportunity to pursue more intensive study in their chosen field, which may be of benefit to students considering graduate studies. There are five Honours disciplines offered: anthropology, English, political science, psychology, and sociology. Honours disciplines may have limited enrolment, and individual disciplines may have additional selection requirements.

GENERAL SELECTION CRITERIA FOR HONOURS DISCIPLINES

For consideration into Honours disciplines, students must present the following:

1. Completion of a minimum of 45 university-level credits, applicable to the program of study, with a GPA of 3.0 or better
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six credits completed at the senior-level in the discipline of study
4. A minimum GPA of 3.3 in all senior-level courses in the discipline of study

Students interested in one of the Honours disciplines are encouraged to request a graduation check from the Faculty of Arts and Science Program Services Office. Note that entry into an Honours discipline is competitive; satisfying the minimum requirements may not guarantee admission. For more information and to apply for entry, contact the honours discipline advisor.

HONOURS ADMISSION

HONOURS IN ANTHROPOLOGY- ADMISSION REQUIREMENTS

Students are eligible for application to the Honours anthropology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level anthropology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level anthropology courses. Note that entry is competitive and dependent on department resources- satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-663-3890 or email artsandscience@macewan.ca

HONOURS IN ENGLISH – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours English discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level English courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level English courses. Note that entry is competitive and dependent on department resources – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5346 or email artsandscience@macewan.ca

HONOURS IN POLITICAL SCIENCE – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours political science discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level political science courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level political science courses. Note that entry is competitive and dependent on department resources – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-633-3890 or email artsandscience@macewan.ca

HONOURS IN PSYCHOLOGY – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours psychology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level psychology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level psychology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5305 or email or artsandscience@macewan.ca

HONOURS IN SOCIOLOGY – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours sociology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level sociology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level sociology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-633-3653 or email artsandscience@macewan.ca

PROGRAM OF STUDY – BA HONOURS**BREADTH REQUIREMENTS**

		Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111 and ENGL 108), as well as 6 credits in one language other than English or world literature (COMP 102/103)	12
Humanities	Classics, History, Humanities, or Philosophy	6
Sciences	Astronomy, Biochemistry, Biology, Botany, Chemistry, Computer Science, Earth and Planetary Science, Physics, Psychology, Zoology, or SCIE 201	6
Social Sciences	Anthropology, Economics, Political Science, Psychology, or Sociology	6
Analytical Studies	LING 101, PHIL 125, Mathematics, or Statistics	3
Fine Arts	Art, Art History, Drama, Music, or Creative Writing (CRWR 295)	3
	Total Breadth	36

Courses can be used **both** to satisfy the breadth and honours requirements.

Honours Subject	Overall Honours subject requirement: 42 senior-level credits	42
Required Courses	Completion of 21 senior-level credits	
Specialization	Completion of 21 senior-level credits	
Other Requirements	See Degree Regulations: The 42 credits designated as Other Requirements are comprised of courses selected in consultation with the discipline advisor. A minimum of 18 credits of that coursework must be completed outside of the discipline, excluding any credits used to satisfy the core requirements.	42
	Total Degree Credits including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course description for more information.

MAJORS AND MINORS

Academic and discipline advisors are available to assist the student to plan a program of study that will meet these degree requirements. Refer to MacEwan.ca/BA for specific course requirements for each major and minor.

Note: there is a non-duplicative coursework requirement on all majors and minors.

ANTHROPOLOGY

MAJOR

Total credits required for major – 42 to 60 senior-level credits with a minimum of 24 credits at the 300- or 400-level (non-duplicative coursework)

A minimum of six credits must be completed at the 400-level not including ANTH 495

Specific major requirements – 24 credits:

	Credits
100-level ANTH	3
ANTH 206 Introduction to Archaeology	3
ANTH 207 Introduction to Social and Cultural Anthropology	3
ANTH 208 Introduction to Linguistic Anthropology	3
ANTH 209 Introduction to Biological Anthropology	3
ANTH 399 Ecological Perspectives in Anthropology	3

Choose three credits:

	Credits
ANTH 394 Ethnographic Research Methods	3
ANTH 395 Archaeological Method Issues	3

Choose three credits:

	Credits
ANTH 415 Anthropological Theory	3
ANTH 481 Archaeological Theory History	3

General major requirements – 18 to 36 credits chosen from junior- and senior-level Anthropology courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of nine credits must be completed at the 300- or 400-level

Minor requirements – 18 credits:

	Credits
ANTH 399 Ecological Perspectives in Anthropology	3

Choose six credits:

	Credits
ANTH 206 Introduction to Archaeology	3
ANTH 207 Introduction to Social and Cultural Anthropology	3
ANTH 208 Introduction to Linguistic Anthropology	3
ANTH 209 Introduction to Biological Anthropology	3

Choose three credits:

	Credits
ANTH 245 Ethnography of Mediterranean Peoples	3
ANTH 246 Canadian and Circumpolar Peoples	3
ANTH 250 North American Aboriginal Peoples	3
ANTH 261 Peoples and Cultures of Mesoamerica	3
ANTH 262 Peoples and Cultures of South America	3

Choose three credits 300- or 400-level Anthropology courses

HONOURS

Required courses – 24 credits:

	Credits
100-level ANTH	3
ANTH 206 Introduction to Archaeology	3
ANTH 207 Introduction to Social and Cultural Anthropology	3
ANTH 208 Introduction to Linguistic Anthropology	3
ANTH 209 Introduction to Biological Anthropology	3
ANTH 399 Ecological Perspectives in Anthropology	3

Choose three credits:

	Credits
ANTH 394 Ethnographic Research Methods	3
ANTH 395 Archaeological Method Issues	3

Choose three credits:

	Credits
ANTH 415 Anthropological Theory	3
ANTH 481 Archaeological Theory History	3

General major requirements – 18 credits chosen from junior- and senior-level Anthropology courses

BUSINESS LAW**MINOR**

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 300- or 400-level

Note: The Business Law minor is a competitive minor. Students must complete or be enrolled in LEGL 210 by the Winter term to be considered for this minor. There are 10 seats available in the Business Law minor each year. Students will submit their declaration by the Winter term add/drop deadline (the second Friday in January). Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level coursework, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program. Students will be notified of the success or denial of their application to the Business Law minor no later than February 1.

Minor requirements – 18 credits:

	Credits
LEGL 210 Business Law I	3
LEGL 315 Business Law II	3

Choose 12 Credits:

	Credits
LEGL 212 Employment Law	3
LEGL 215 Commercial Transactions	3
LEGL 310 International Business Transactions	3
LEGL 312 Legal Issues in the Workplace	3
LEGL 320 Law of Business Organizations	3

BUSINESS STUDIES**MINOR**

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 300- or 400-level

Notes:

1. It is highly recommended that students complete BUSN 201 during the second year of their program.
2. Degree Regulations: Options MAY NOT include additional Business Studies minor coursework or courses offered outside the Faculty of Arts and Science.

Minor requirements – 18 credits:

	Credits
ACCT 311 Introductory Accounting	3
BUSN 201 Introduction to Sustainable Business	3

Choose 12 Credits:

A minimum of six credits from:

		Credits
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
ORGA 201	Introduction to Management	3

A maximum of six credits from:

		Credits
FNCE 404	International Finance	3
INTB 300	Introduction to International Business	3
MARK 403	International Marketing	3
MGTS 312	Probability and Statistics	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3
ORGA 330	Managerial Skill Development	3

CLASSICS**MINOR**

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 300- or 400-level (CLAS 355 does not satisfy this requirement)

Minor requirements – 18 credits

		Credits
CLAS 270	Greek Civilization	3
CLAS 271	Roman Civilization	3

Choose 12 credits from senior-level Classics courses (may use LATN 301, LATN 302 or PHIL 230 with permission to fulfil this requirement)

CREATIVE WRITING**MINOR**

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 300- or 400-level

Six junior-level credits are required for this minor (not including ENGL 111 and ENGL 108)

Note: Courses cannot be used to fulfil the requirements of both the Creative Writing minor and the English major or minor.

Minor requirements – 18 credits

		Credits
CRWR 295	Introduction to Creative Writing	3

Choose 12 Credits:

		Credits
CRWR 394	Writing Character	3
CRWR 395	Writing Poetry	3
CRWR 397	Writing a Sense of Place	3
CRWR 399	Writing Literary Non-Fiction	3
CRWR 404	Further Studies in Creative Writing	3

BACHELOR OF ARTS

Choose three credits:

	Credits
ENGL 205 Rhetoric and Textual Analysis	3
ENGL 207 Sentence Style and Textual Analysis	3
ENGL 297 Academic Essay Writing	3
ENGL 393 Theories of Rhetoric and Language	3
ENGL 394 Theories of Writing and Poetics	3

ECONOMICS

MAJOR

Total credits required for major – 42 to 60 credits (non-duplicative coursework) with a minimum of 36 senior-level credits.

A minimum of six credits must be completed at the 400-level; ECON 401 and ECON 490 do not satisfy this requirement.

STAT 151 or STAT 161 and MATH 114 are required for this major

Specific major requirements – 27 credits:

	Credits
ECON 101 Introduction to Microeconomics	3
ECON 102 Introduction to Macroeconomics	3
ECON 281 Intermediate Microeconomics	3
ECON 282 Intermediate Macroeconomics	3
ECON 299 Quantitative Methods in Economics	3
ECON 399 Introductory Econometrics	3
ECON 490 Economic Analysis: A Capstone Seminar	3

Choose six credits:

	Credits
ECON 290 Economics at Work: Reasoning and Writing in Economics	3
ECON 319 Contemporary Canadian Economic Issues	3
ECON 384 Microeconomic Theory	3
ECON 385 Macroeconomic Theory	3

General major requirements – 15 to 33 credits chosen from senior-level Economics courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework).

A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement.

Minor requirements – 18 credits:

	Credits
ECON 281 Intermediate Microeconomics	3

Choose three credits:

	Credits
ECON 290 Economics at Work: Reasoning and Writing in Economics	3
ECON 319 Contemporary Canadian Economic Issues	3

Choose 12 credits from senior-level Economics courses

ENGLISH

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 400-level

A minimum of three credits must be completed in Canadian Literature

A minimum of six credits of one language other than English (LOE). The LOE can be taken as part of the Literacy breadth requirement.

Specific major requirements – 27 credits:

	Credits
ENGL 102 Analysis and Argument	3
ENGL 103 Introduction to Literature	3

Choose three credits:

	Credits
ENGL 205 Rhetoric and Textual Analysis	3
ENGL 207 Sentence Style and Textual Analysis	3
ENGL 307 The History of the English Language	3

Choose three credits:

	Credits
ENGL 391 Topics in Literary Theory	3
ENGL 392 Topics in Race and Gender	3
ENGL 394 Theories of Writing and Poetics	3

Choose three credits from each of the five time periods – 15 credits in total:

Early and Later Middle English

	Credits
ENGL 319 Earlier Medieval English Literature	3
ENGL 320 Later Middle English Literature	3
ENGL 324 Chaucer	3
ENGL 491 Early and Later Middle English	3

Elizabethan and 17th Century

	Credits
ENGL 336 Studies in Shakespeare	3
ENGL 337 Topics in English Renaissance Literature	3
ENGL 348 Milton	3
ENGL 492 Elizabethan/17th Century Literature	3

Previously offered ENGL 338 (6cr) can be used for this requirement

Restoration and 18th Century

	Credits
ENGL 341 Augustan Literature	3
ENGL 342 Topics in the Long 18th Century Literature	3
ENGL 493 Restoration/Eighteenth Century Literature	3

British, American and Canadian 19th Century

	Credits
ENGL 350 Topics in Romantic Literature	3
ENGL 352 Early Victorian Literature	3
ENGL 353 Later Victorian Literature	3
ENGL 358 19th Century American Literature	3
ENGL 494 Nineteenth Century Literature	3
Previously offered ENGL 476 (3 cr) can be used for this requirement.	

British, American, Canadian and Post-Colonial Literature 20th and 21st Century

	Credits
ENGL 361 Early 20th Century American Literature	3
ENGL 362 Contemporary American Literature	3
ENGL 364 Topics in 20th and 21st Century Literature	3
ENGL 365 Early 20th Century British & Anglophone Literature	3
ENGL 366 Contemporary British and Anglophone Literature	3
ENGL 374 Early Canadian Literature	3
ENGL 376 Contemporary Canadian Literature	3
ENGL 381 Post-Colonial Literature	3
ENGL 481 Post-Colonial Theory and Practice	3
ENGL 495 Twentieth Century Literature	3
ENGL 496 Theory and Culture	3
ENGL 497 Twenty-First Century Literature	3

General major requirements – 15 to 33 credits chosen from junior- and senior-level English courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of three credits must be completed at the 400-level

Minor requirements – 18 credits

Choose three credits from one of the following three time periods:

Early and Later Middle English

	Credits
ENGL 319 Earlier Medieval English Literature	3
ENGL 320 Later Middle English Literature	3
ENGL 324 Chaucer	3
ENGL 491 Early and Later Middle English	3

Elizabethan and 17th Century

	Credits
ENGL 336 Studies in Shakespeare	3
ENGL 337 Topics in English Renaissance Literature	3
ENGL 348 Milton	3
ENGL 492 Elizabethan/17th Century Literature	3

Restoration and 18th Century

	Credits
ENGL 341 Augustan Literature	3
ENGL 342 Topics in the Long 18th Century Literature	3
ENGL 493 Restoration/Eighteenth Century Literature	3

Choose three credits from the following:

British Literature

	Credits
ENGL 205 Rhetoric and Textual Analysis	3
ENGL 319 Earlier Medieval English Literature	3
ENGL 320 Later Middle English Literature	3
ENGL 324 Chaucer	3
ENGL 336 Studies in Shakespeare	3
ENGL 337 Topics in English Renaissance Literature	3
ENGL 341 Augustan Literature	3
ENGL 342 Topics in the Long 18th Century Literature	3
ENGL 348 Milton	3
ENGL 350 Topics in Romantic Literature	3
ENGL 352 Early Victorian Literature	3
ENGL 353 Later Victorian Literature	3
ENGL 365 Early 20th Century British & Anglophone Literature	3
ENGL 366 Contemporary British and Anglophone Literature	3
ENGL 491 Early and Later Middle English	3
ENGL 492 Elizabethan/17th Century Literature	3
ENGL 493 Restoration/Eighteenth Century Literature	3

American Literature

	Credits
ENGL 358 19th Century American Literature	3
ENGL 361 Early 20th Century American Literature	3
ENGL 362 Contemporary American Literature	3

Canadian Literature

	Credits
ENGL 374 Early Canadian Literature	3
ENGL 376 Contemporary Canadian Literature	3

Post-Colonial Literature

	Credits
ENGL 381 Post-Colonial Literature	3
ENGL 481 Post-Colonial Theory and Practice	3

Choose 9 credits from senior-level English courses

HONOURS**Required courses – 27 credits**

	Credits
ENGL 102 Analysis and Argument	3
ENGL 103 Introduction to Literature	3

Choose three credits:

	Credits
ENGL 205 Rhetoric and Textual Analysis	3
ENGL 207 Sentence Style and Textual Analysis	3
ENGL 307 The History of the English Language	3

BACHELOR OF ARTS

Choose three credits:

	Credits
ENGL 391 Topics in Literary Theory	3
ENGL 392 Topics in Race and Gender	3
ENGL 394 Theories of Writing and Poetics	3

Choose three credits from each of the five time periods – 15 credits in total:

Early and Later Middle English

	Credits
ENGL 319 Earlier Medieval English Literature	3
ENGL 320 Later Middle English Literature	3
ENGL 324 Chaucer	3
ENGL 491 Early and Later Middle English	3

Elizabethan and 17th Century

	Credits
ENGL 336 Studies in Shakespeare	3
ENGL 337 Topics in English Renaissance Literature	3
ENGL 348 Milton	3
ENGL 492 Elizabethan/17th Century Literature	3

Previously offered ENGL 338 (6cr) can be used for this requirement.

Restoration and 18th Century

	Credits
ENGL 341 Augustan Literature	3
ENGL 342 Topics in the Long 18th Century Literature	3
ENGL 493 Restoration/Eighteenth Century Literature	3

British, American and Canadian 19th Century

	Credits
ENGL 350 Topics in Romantic Literature	3
ENGL 352 Early Victorian Literature	3
ENGL 353 Later Victorian Literature	3
ENGL 358 19th Century American Literature	3
ENGL 494 Nineteenth Century Literature	3

Previously offered ENGL 476 (3 cr) can be used for this requirement.

British, American, Canadian and Post-Colonial Literature 20th and 21st Century

	Credits
ENGL 361 Early 20th Century American Literature	3
ENGL 362 Contemporary American Literature	3
ENGL 364 Topics in 20th and 21st Century Literature	3
ENGL 365 Early 20th Century British & Anglophone Literature	3
ENGL 366 Contemporary British and Anglophone Literature	3
ENGL 374 Early Canadian Literature	3
ENGL 376 Contemporary Canadian Literature	3
ENGL 381 Post-Colonial Literature	3
ENGL 481 Post-Colonial Theory and Practice	3
ENGL 495 Twentieth Century Literature	3
ENGL 496 Theory and Culture	3
ENGL 497 Twenty-First Century Literature	3

General major requirements – 15 credits chosen from senior-level English courses

Honours Requirements – 42 credits:

	Credits
ENGL 403 Honours Thesis Project	3

9 credits of senior-level English – 6 credits must be at the 400-level

Approved Honours options – 12 credits chosen in consultation with Honours English advisor

Courses outside the discipline – 18 credits chosen in consultation with Honours English advisor

FRENCH

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of 12 FREN credits at the 300-level. (FREN 211 and FREN 212 do not fulfill this requirement).

HISTORY

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 400-level

A minimum of six credits must be completed in one language other than English (LOE)

	Credits
HIST 100 Introduction to History	3

Choose three credits from each of seven areas:

American History survey

	Credits
HIST 250 American History to 1865	3
HIST 251 American History Since 1865	3

European History survey

	Credits
HIST 205 Medieval Europe	3
HIST 209 Early Modern European History	3
HIST 210 Modern European History: 1789-Present	3
HIST 213 Eastern Europe: 1900-Present	3

Canadian History survey

	Credits
HIST 260 History of Canada to 1867	3
HIST 261 History of Canada Since 1867	3

Breadth Requirement

		Credits
HIST 211	The British Isles: 1450-1714	3
HIST 212	Britain 1689-1914	3
HIST 281	Asia Since A.D. 1500	3
HIST 282	History of Modern Japan	3
HIST 291	Topics in Political and International History	3
HIST 292	History of Women in Europe and North America	3
HIST 294	History of Science and Technology	3

Methodology

		Credits
HIST 300	Making History: Theory and Methods in History	3

Senior World History

		Credits
HIST 301	Topics in World History	3
HIST 338	Britain as a World Power	3
HIST 340	Diplomacy, War, and Conflict in the 20th Century	3
HIST 342	The Atlantic World	3
HIST 345	Nationalism	3
HIST 352	The U.S. in World Affairs	3
HIST 367	Canada in World Affairs	3

Senior Capstone

		Credits
HIST 400	Senior Thesis	3
HIST 401	Senior Research Project	3

General major requirements – 18 to 36 credits chosen from junior- and senior-level History courses (may substitute up to 6 credits with select courses from anthropology, classics, economics, English, philosophy, political science or sociology with permission of the History department)

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of nine credits must be completed at the 300- or 400-level

Choose three credits two of the following three areas:

American History survey

		Credits
HIST 250	American History to 1865	3
HIST 251	American History Since 1865	3

European History survey

		Credits
HIST 205	Medieval Europe	3
HIST 209	Early Modern European History	3
HIST 210	Modern European History: 1789-Present	3
HIST 213	Eastern Europe: 1900-Present	3

Canadian History survey

		Credits
HIST 260	History of Canada to 1867	3
HIST 261	History of Canada Since 1867	3

Choose 12 credits from senior-level History courses

PHILOSOPHY**MAJOR**

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 400-level, including PHIL 401

Specific major requirements – 21 credits:

Choose three credits the following:

History of Philosophy

		Credits
PHIL 201	Buddhist Philosophy	3
PHIL 202	Philosophies of China and Japan	3
PHIL 230	Ancient Western Philosophy	3
PHIL 240	Descartes to Kant	3
PHIL 247	Continental Philosophy: Heidegger to Foucault	3
PHIL 291	Existentialism	3

Choose three credits from each of the five areas:

Metaphysics or Epistemology

		Credits
PHIL 200	Metaphysics	3
PHIL 215	Epistemology	3

Ethics or Social and Political Philosophy

		Credits
PHIL 250	Ethics	3
PHIL 270	Social and Political Philosophy	3

Formal Reasoning

		Credits
PHIL 210	Symbolic Logic	3
PHIL 220	Symbolic Logic II	3
PHIL 325	Risk, Choice and Rationality	3

Senior Seminar

		Credits
PHIL 401	Senior Seminar	3

400-level Philosophy (PHIL 498 does not satisfy this requirement)

General major requirements – 21 to 39 credits chosen from junior- and senior-level Philosophy courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of three credits must be completed at the 400-level

Minor requirements – 18 credits:

Ethics or Social and Political Philosophy – choose one of:

	Credits
PHIL 250 Ethics	3
PHIL 270 Social and Political Philosophy	3

History of Philosophy – choose one of:

	Credits
PHIL 201 Buddhist Philosophy	3
PHIL 202 Philosophies of China and Japan	3
PHIL 230 Ancient Western Philosophy	3
PHIL 240 Descartes to Kant	3
PHIL 247 Continental Philosophy: Heidegger to Foucault	3
PHIL 291 Existentialism	3

Choose 12 credits from senior-level Philosophy courses

POLITICAL SCIENCE

MAJOR

Total credits required for major – 42 to 60 senior-level credits (non-duplicative coursework)

A minimum of 12 credits must be completed at the 300-level

A minimum of six credits must be at the 400-level, including POLS 499

POLS 221, 261 and 263 do not satisfy this requirement.

Specific major requirements – 27 credits:

	Credits
POLS 101 Introduction to Politics and Government	3
POLS 200 Comparative Political Systems	3
POLS 214 History of Political Thought I	3
POLS 215 History of Political Thought II	3
POLS 224 Canadian National Government I	3
POLS 225 Canadian National Government II	3
POLS 264 International Relations I	3
POLS 265 International Relations II	3
POLS 499 Advanced Study in Political Science	3

General major requirements – 15 to 33 credits chosen from 300- and 400-level Political Science courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of nine credits must be completed at the 300- or 400-level

POLS 221, 261 and 263 do not satisfy this requirement.

Minor requirements – 18 credits:

	Credits
POLS 200 Comparative Political Systems	3

Choose six credits in one of the following areas:

Canadian National Government

	Credits
POLS 224 Canadian National Government I	3
POLS 225 Canadian National Government II	3

History of Political Thought

	Credits
POLS 214 History of Political Thought I	3
POLS 215 History of Political Thought II	3

International Relations

	Credits
POLS 264 International Relations I	3
POLS 265 International Relations II	3

Choose nine credits from 300- and 400-level Political Science courses

HONOURS

Required courses – 27 credits

	Credits
POLS 101 Introduction to Politics and Government	3
POLS 200 Comparative Political Systems	3
POLS 214 History of Political Thought I	3
POLS 215 History of Political Thought II	3
POLS 224 Canadian National Government I	3
POLS 225 Canadian National Government II	3
POLS 264 International Relations I	3
POLS 265 International Relations II	3
POLS 499 Advanced Study in Political Science	3

General major requirements – 15 credits chosen from 300- and 400-level Political Science courses

Honours requirements – 42 credits:

	Credits
POLS 399 Empirical Research Methods in Political Science	3
POLS 490 Honours Thesis	3

Three credits of 300- or 400-level political science

Approved Honours options – nine credits chosen in consultation with Honours political science advisor

Courses outside the discipline – 24 credits chosen in consultation with Honours political science advisor

PSYCHOLOGY

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits (non-duplicative coursework)

A minimum of nine credits must be completed at the 300-level

A minimum of six credits must be completed at the 400-level. PSYC 439 does not satisfy this requirement

STAT 151 or STAT 161 is required for this major

Note: Psychology is now a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161, and one 200 level PSYC class with no grade lower than C- in any of them. They must also either have completed or be enrolled in PSYC 212 during the winter term when the declarations close. They will ranked by their AGPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

Specific major requirements – 27 credits:

	Credits
PSYC 104 Introductory Psychology I	3
PSYC 105 Introductory Psychology II	3
PSYC 212 Introduction to Research Methods in Psychology	3
PSYC 301 History of Psychology	3

Choose nine credits:

	Credits
PSYC 223 Developmental Psychology	3
PSYC 233 Personality	3
PSYC 241 Social Psychology	3
PSYC 258 Cognitive Psychology	3

Choose six credits:

	Credits
PSYC 267 Perception	3
PSYC 275 Brain and Behaviour	3
PSYC 281 Principles of Behaviour	3

General major requirements – 15 to 33 credits chosen from senior-level Psychology courses

MINOR

Minor Requirements – 18 credits:

Choose three credits:

	Credits
PSYC 223 Developmental Psychology	3
PSYC 233 Personality	3
PSYC 241 Social Psychology	3
PSYC 258 Cognitive Psychology	3

Choose three credits:

	Credits
PSYC 267 Perception	3
PSYC 275 Brain and Behaviour	3
PSYC 281 Principles of Behaviour	3

Choose 12 credits from senior-level Psychology courses

HONOURS

Required courses – 27 credits:

		Credits
PSYC 104	Introductory Psychology I	3
PSYC 105	Introductory Psychology II	3
PSYC 212	Introduction to Research Methods in Psychology	3
PSYC 301	History of Psychology	3

Choose nine credits:

		Credits
PSYC 223	Developmental Psychology	3
PSYC 233	Personality	3
PSYC 241	Social Psychology	3
PSYC 258	Cognitive Psychology	3

Choose six credits:

		Credits
PSYC 267	Perception	3
PSYC 275	Brain and Behaviour	3
PSYC 281	Principles of Behaviour	3

General major requirements – 15 credits chosen from senior-level Psychology courses

Honours requirements – 42 credits:

		Credits
PSYC 312	Advanced Research Methods	3
PSYC 400	Psychology Senior Seminar	3
PSYC 499A	Honours Thesis I	3
PSYC 499B	Honours Thesis II	3

Approved Honours options – 12 credits chosen in consultation with Honours psychology advisor

Courses outside the discipline – 18 credits chosen in consultation with Honours psychology advisor, includes STAT 252

SOCIOLOGY

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits (non-duplicative coursework)

A minimum of six credits must be completed at the 400-level (SOCI 426 does not satisfy this requirement)

Specific major requirements – 24 credits:

		Credits
SOCI 100	Introductory Sociology	3
SOCI 241	Social Psychology	3
SOCI 310	Introduction to Social Statistics	3
SOCI 315	Social Research Methods	3
SOCI 332	Classical Sociological Theory	3
SOCI 333	Contemporary Theory	3

BACHELOR OF ARTS

Choose three credits:

	Credits
SOCI 301 Sociology of Gender	3
SOCI 361 Social Inequality in Canada	3
SOCI 368 Race and Ethnic Relations in Canada	3

Choose three credits:

	Credits
SOCI 225 Criminology	3
SOCI 271 Introduction to the Family	3

Choose the General Sociology Major or one of the two Specializations

General Sociology major requirements – 18 to 36 credits chosen from junior- and senior-level Sociology courses

Criminology Specialization requirements – 21 to 36 credits:

	Credits
SOCI 225 Criminology	3
SOCI 321 Youth, Crime and Society	3
SOCI 327 Criminal Justice Administration in Canada	3

Choose 12 credits:

(Minimum of nine credits)

	Credits
SOCI 224 Deviance and Conformity	3
SOCI 303 Contemporary Issues in Criminology	3
SOCI 320 White Collar/Corporate Crime Criminality	3
SOCI 329 Sociology of Law	3
SOCI 403 Special Topics in Criminology and Criminal Justice	3
SOCI 421 Sociology of Punishment	3
SOCI 422 Aboriginal Peoples and Justice	3
SOCI 424 Advanced Topics in Deviance, Normality and Social Control	3
SOCI 425 Conducting Sociological Research	3
SOCI 426 Community-Based Sociology Project	3
SOCI 428 Police and the Community	3
SOCI 430 Gender, Crime and Justice	3
SOCI 498 Individual Study	3

(Maximum of three credits)

	Credits
SOCI 416 Quantitative Research Methods	3
SOCI 418 Qualitative Research Methods	3

Zero to 15 credits chosen from junior- or senior-level Sociology courses

Family, Youth and Diversity Specialization requirements – 21 to 36 credits:

Required courses – 15 credits:

	Credits
SOCI 271 Introduction to the Family	3
SOCI 301 Sociology of Gender	3
SOCI 361 Social Inequality in Canada	3
SOCI 368 Race and Ethnic Relations in Canada	3
SOCI 377 Sociology of Youth	3

Choose six credits:

	Credits
SOCI 430 Gender, Crime and Justice	3
SOCI 470 Advanced Topics in the Sociology of Families	3
SOCI 477 Advanced Topics in Youth	3
SOCI 498 Individual Study	3

Zero to 15 credits chosen from junior- or senior-level Sociology courses

MINOR

Total credits required for minor – 18 senior-level credits (non-duplicative coursework)

A minimum of nine credits must be completed at the 300- or 400-level (SOCI 426 does not satisfy this requirement)

Minor requirements – 18 credits:

Choose three credits:

	Credits
SOCI 301 Sociology of Gender	3
SOCI 361 Social Inequality in Canada	3
SOCI 368 Race and Ethnic Relations in Canada	3

Choose three credits:

	Credits
SOCI 225 Criminology	3
SOCI 271 Introduction to the Family	3

Choose 12 credits from senior-level Sociology courses

HONOURS
Required courses – 24 credits:

		Credits
SOCI 100	Introductory Sociology	3
SOCI 241	Social Psychology	3
SOCI 310	Introduction to Social Statistics	3
SOCI 315	Social Research Methods	3
SOCI 332	Classical Sociological Theory	3
SOCI 333	Contemporary Theory	3

Choose three credits:

		Credits
SOCI 301	Sociology of Gender	3
SOCI 361	Social Inequality in Canada	3
SOCI 368	Race and Ethnic Relations in Canada	3

Choose three credits:

		Credits
SOCI 225	Criminology	3
SOCI 271	Introduction to the Family	3

General major requirements – 18 credits chosen from junior- and senior-level Sociology courses**Honours requirements – 42 credits:**

		Credits
SOCI 400	Senior Seminar	3
SOCI 490A	Honours Thesis I	3
SOCI 490B	Honours Thesis II	3
SOCI 498	Individual Study	3

Choose three credits:

		Credits
SOCI 416	Quantitative Research Methods	3
SOCI 418	Qualitative Research Methods	3

Approved Honours options – 9 credits chosen in consultation with Honours sociology advisor

Courses outside the discipline – 18 credits chosen in consultation with Honours sociology advisor

SPANISH**MINOR**

Total credits required for minor – 18 senior-level credits (non-duplicative coursework). SPAN 211 and SPAN 212 do not fulfill this requirement.

A minimum of 12 SPAN credits at the 300-level.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about academic planning, whether for completing degree requirements at MacEwan University or for transfer to another post-secondary institution.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS

As part of the academic residency requirement noted in Policy C2100, Bachelor of Arts students also must complete at MacEwan University:

A minimum of 15 credits in a major at the senior-level, with six of those credits completed at the 400-level,

AND EITHER

A minimum of 50 per cent of their credits in a Bachelor of Arts minor at the senior-level, with three of those credits completed at the 300- or 400-level,

OR

A minimum of nine credits in a Bachelor of Science minor at the senior-level, with three of those credits at the 300- or 400-level.

BREADTH REQUIREMENTS

Courses that satisfy the breadth requirements are normally, but not necessarily, taken at the junior level. Courses taken to fulfil major requirements can also be used to satisfy breadth requirements. Students are advised to complete their breadth requirements in the first and second years of their program.

DECLARATION OF A MAJOR AND A MINOR

Students are advised to declare a major and a minor, or a primary and secondary major, or a major and two minors by the time they have completed 45 credits. Majors will consist of 42 to 60 junior- and senior-level credits. A maximum of 60 credits may be completed from any one discipline for credit towards the degree. Students can re-declare their major(s) and/or minor(s) if required.

Students are permitted to declare majors from both arts and science disciplines, however, the major and minor cannot be in the same discipline and science majors require 42 senior-level credits. Only one out-of-faculty minor is allowed.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the courses in which a student enrolls, meeting the requirements of a double major may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with a program advisor in the Program Services Office in the Faculty of Arts and Science and a discipline advisor in their major and minor disciplines prior to declaration. Honours students do not declare a minor (See Degree Regulations – Honours).

GRADUATION GRADE POINT AVERAGE

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major and a minimum GPA of 2.0 on all courses credited toward the minor.

GRADUATION REQUIREMENTS

Graduation requirements are governed by the date on which a student declares his or her major and minor. Students who declare their major and minor up to and including March 1 are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the academic calendar.

JUNIOR- AND SENIOR-LEVEL COURSES

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

MAJOR OR MINOR 300- OR 400-LEVEL REQUIREMENTS

The 300- or 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

MAXIMUM JUNIOR-LEVEL COURSES

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

MINIMUM ARTS COURSES

Students are required to successfully complete a minimum of 72 credits from Arts courses.

MINIMUM PASSING GRADE

A minimum grade of D is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study. A maximum of six credits with a final grade of D or D+ are permitted in courses credited toward the major.

MINIMUM TRANSFER GRADE FOR CREDIT

A minimum grade of D is required on any transfer credit granted for the program. Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed (see Policies C2010 and E3103).

OUT-OF-FACULTY OPTIONS REQUIREMENTS

Degree options may include a maximum of 15 credits from courses offered by a faculty other than Arts and Science except for those students completing an out-of-faculty minor or those who have met the minor requirements with a diploma. These students must complete their degree options from courses offered within the Faculty of Arts and Science. Fine arts courses taken to fulfil breath requirements do not count towards the allocation of out-of-faculty credit.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Arts or Arts Honours program requirements.

ADDITIONAL DEGREE REGULATIONS – HONOURS**ACADEMIC RESIDENCY – CREDIT REQUIREMENTS**

In addition to the academic residency requirement noted in Policy C2100, Honours students also must complete 12 credits at the senior level in the Required Honours Courses at MacEwan University.

COURSE LOAD

Students accepted into an Honours program must complete 30-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

GRADE POINT AVERAGE REQUIREMENT

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 in all courses taken in the Honours discipline of study for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

ACADEMIC STANDING

Further to the Academic Standing Policy above, students accepted and enrolled in the Arts Honours program must maintain a minimum cumulative GPA of 3.0 and a minimum GPA of 3.3 in all courses within the Honours discipline of study for the period of review. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

GRADUATION GRADE POINT AVERAGE

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours discipline of study.

OTHER REQUIREMENTS

Students accepted into an Honours program must take 42 credits designated as other requirements that are made up of topic-related coursework. A minimum of 18 credits of that coursework must be completed outside the Honours discipline of study. Junior-level courses in the Honours discipline of study are not to be used. Other requirements may include a maximum of 15 credits from courses offered by a faculty other than Arts and Science.

SUBSEQUENT BACCALAUREATE

In addition to meeting the degree regulations listed above, students who already hold a baccalaureate degree must satisfy the provisions of Policy C2000, Subsequent Baccalaureate Credential.

CONTACT INFORMATION:

T: 780-497-4505

E: artsandscience@macewan.ca

BACHELOR OF CHILD AND YOUTH CARE

(with diploma exit)

Faculty of Health and Community Studies

Department of Child and Youth Care

MacEwan.ca/CYC

Many young people experience neglect, abuse, emotional distress or family breakdown. Helping young people and their families overcome emotional and behavioural problems is the child and youth care worker's role. The Bachelor of Child and Youth Care program equips students with the foundational knowledge and skills for professional practice with at-risk youth, their families and their community.

In years one and two, foundational courses with a personal-growth focus prepare students to form helping relationships with youth and families through effective communication and an understanding of adolescent and lifespan development, family dynamics and activity programming. Child and youth care methods, communication and counselling, and family support and intervention courses prepare students for entry-level positions in the field. Field placements provide the opportunity to apply coursework to practice settings. Students may choose the diploma exit option at the end of year two.

Years three and four prepare students for advanced practice in intensive programs with children, youth and families with multiple, complex challenges through courses on abuse and neglect, substance abuse, law and social services, and advanced methodology in individual, group and family practice. Research, statistics, advanced field placement and arts and science courses complete degree level education and prepare students for more complex positions and graduate programs in child and youth care.

CAREER POTENTIAL

Sensitive, well-educated and knowledgeable graduates are in demand across Canada. Graduates could enjoy rewarding careers as youth workers, family support workers, out-of-school care workers, child/youth care workers/counsellors, Children's Service case workers or family-school liaison workers. Work settings include treatment centres, group homes, youth centres, mental health centres, family support programs, community-based programs, foster care and schools. Diploma exit students (after successful completion of year two) are prepared for entry-level, front-line positions. Degree graduates (after successful completion of year four) are prepared for positions as advanced front-line child and youth care practitioners or for supervisory positions.

Students presenting a completed Bachelor of Child and Youth Care degree from MacEwan University are eligible to apply to the Master of Arts in Child and Youth Care program at the University of Victoria.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of the following MacEwan University certificate and diplomas may be granted up to 72 credits to MacEwan University's Bachelor of Child and Youth Care degree:

- Special Needs Educational Assistant certificate (30 credits)
- Child and Youth Care diploma (60 credits)
- Early Learning and Child Care diploma (51 credits)
- Social Work diploma (72 credits)

Students are advised to consult a program advisor for the Bachelor of Child and Youth Care degree for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Bachelor of Child and Youth Care degree are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma from this program are eligible to receive up to 60 credits of transfer credit at Athabasca University. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Students presenting a completed diploma from this program are eligible to apply to the Child and Youth Care programs at the University of Victoria, Vancouver Island University and the University of the Fraser Valley.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Social Studies 30-1
3. One Group A, B or C course
4. One Group A, B, C or D course
5. One Group C course

A maximum of two Group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
 Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A Child and Youth Care Diploma or a related Certificate or Diploma.

OR

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants are required to submit the following by the beginning of the intake term:

- Current (no older than three months) Police Information Check (or equivalent) including a Vulnerable Sector Search. There may be no criminal charges or convictions present without evidence of eligibility to apply for a pardon, or open youth record.
- Current Standard First Aid and Level C CPR certification.

PROGRAM OF STUDY

YEAR I

	Credits
CYCW 100 Adolescent Development	3
CYCW 101 Helping Skills	3
CYCW 102 Integration Seminar	1
CYCW 103 Field Placement	2
CYCW 104 Activity Programming	2
CYCW 106 The Child and Youth Care Professional	3
CYCW 107 Child and Youth Care Practice	3
CYCW 108 Special Topics in Child and Youth Care	2
CYCW 110 Integration Seminar	1
CYCW 111 Field Placement	2
CYCW 112 Family Dynamics	2
CYCW 114 Individual Counselling	3
ENGL 111 Communications	3

Credits

YEAR II

CYCW 200 Child/Youth Care Methods I	3
CYCW 201 Child and Youth Care Practice in Mental Health	3
CYCW 202 Integration Seminar	1
CYCW 203 Field Placement	4
CYCW 204 Group Work	3
CYCW 205 Issues in Family Work	3
CYCW 206 Child/Youth Care Methods II	3
CYCW 207 Integration Seminar	1
CYCW 208 Field Placement	4
CYCW 209 Family Support and Intervention	2
CYCW 211 Development Across the Lifespan	3

Credits

YEAR III

CYCW 302 Advanced Child and Youth Care Practice I: Linking Theory, Self and Ethics	3
CYCW 303 Advanced Child and Youth Care Practice II: Relational-Centered Case Planning	3
CYCW 339 Applying Developmental Theory in Child and Youth Care Practice I	3
CYCW 340 Applying Developmental Theory in CYC Practice II: Advanced Application	3
CYCW 350 Law and Social Services	3
CYCW 360 Abuse and Neglect	3
CYCW 361 Substance Abuse	3
Baccalaureate level English	3
Arts and Science Electives	6

Credits

YEAR IV

CYCW 411 Advanced Field Placement I	3
CYCW 412 Advanced Field Placement II	3
CYCW 423 Child and Youth Care Research	3
CYCW 425 Quantitative and Qualitative Analysis	3
CYCW 465 Advanced Child and Youth Care Practice with Community Groups	3
CYCW 466 Advanced Child and Youth Care Practice with Families	3
CYCW 474 Advanced Child and Youth Care Practice with Individuals	3
Arts and Science Electives	9

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY – EXEMPTION

A student entering year three of the Bachelor of Child and Youth Care degree with a diploma from an external institution must complete at least 35 per cent of courses through MacEwan University for degree completion. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 35 per cent.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about academic planning, whether for completing degree requirements at MacEwan University or for transfer to another post-secondary institution.

ELECTIVE REQUIREMENTS

Coursework for the elective requirements may be 100, 200, 300 or 400 level baccalaureate courses from the Faculty of Arts and Science.

ENGLISH REQUIREMENT

The English course requirement may be a 100, 200, 300 or 400 level baccalaureate course from the English department. Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses.

FIELD PLACEMENTS

Students must comply with policy C2060 Work Integrated Learning regarding their field placements.

CONTACT INFORMATION

Full-time

T: 780-497-5657

E: cyc@macewan.ca

Part-time/Distance

T: 780-497-4614

E: cyc@macewan.ca

BACHELOR OF COMMERCE

School of Business

MacEwan.ca/BCom

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices, presenting, writing, teamwork, technology, problem analysis, decision-making and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of six majors: Accounting, Human Resources Management, International Business, Management, Marketing or Supply Chain Management Co-op. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. The program will prepare students for graduate studies in related fields.

Accounting major

The Accounting major prepares students to be able to analyze and solve problems and participate in the management of business functions and strategy within an organization. Students will learn to contribute to collaborative, information-sharing and joint-planning processes. They will acquire the necessary qualitative and quantitative skills for complex problem solving in an accounting and business environment. With a generalist knowledge of all areas of business and in-depth study of advanced topics, students are able to continue with professional accreditation, graduate-level study or to assume an accounting position.

Human Resources Management major

Human resources professionals provide advice to all levels of the organization on personnel management, employee recruitment and retention programming, selection of job candidates, employee professional development, negotiations, and more. Human resources professionals, particularly working with large organizations, are able to specialize in an area of interest like labour relations or human resources planning.

MacEwan University has developed the curriculum for this major in line with the Required Professional Capabilities as established by the Canadian Council of Human Resources Associations (CCHRA). Completion of this major prepares students for the National Knowledge Exam (NKE), a primary requirement of the CHRP designation, which also requires the completion of a baccalaureate degree.

International Business major

The International Business major prepares students to conduct business in an increasingly globalized environment. Students will learn how to apply concepts from functional areas, such as marketing and finance, within the global business setting and how international business practice differs from domestic business. Students will also learn how the language, culture and political economy influence business in different countries and regions.

Management major

The Management major focuses on the management of organizations. It provides students with a solid foundation in the fundamentals of business and specialization in key aspects of leadership, including team building, conflict resolution, consulting, change management and organizational development. The major is flexible, allowing students to study a range of contexts: local and global industry, the not-for-profit sector and government. It also has significant opportunity for the student to enhance their studies through business and non-business electives.

Marketing major

The marketing major curriculum provides students with both breadth and depth of study in general education, core business topics and marketing-specific study. The Marketing major focuses on marketing fundamentals, strategy, analysis and quantitative measurement. The focus on marketing strategy will provide students with an understanding of the marketing function and how that aligns with other organizational functions. Marketing research drives not only promotion (of which advertising is one small component) but also price, placement and product decisions. Any business strategy must begin and end with consumer needs. Consumer research is vital to the success of every aspect of a market offering, including the nature of the product itself. Students will undertake projects that involve conducting research and analyzing marketing metrics. Students will be prepared for strategic roles in public, private and non-profit organizations' marketing departments as well as other departments in which marketing is a key component. The context in which students will be studying includes local, national and international marketing initiatives.

Supply Chain Management Co-op major

The Supply Chain Management Co-op major prepares students to analyze business problems and participate in the strategic coordination and integration of business functions within an organization as well as with supply-chain partners. Students will learn to make general business decisions and supply-chain specific decisions in the areas of procurement, supplier management, inventory control, operations planning and control, logistics, e-business and demand management. This major has a co-operative education component that allows students to gain valuable work experience while completing the degree.

CAREER POTENTIAL

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

Graduates of the following MacEwan University programs may be granted up to 60 credits towards the Bachelor of Commerce degree:

- Accounting and Strategic Measurement diploma
- Arts and Cultural Management diploma
- Asia Pacific Management diploma
- Human Resources Management diploma
- Business Management diploma –all majors

Students are advised to consult a program advisor for the Bachelor of Commerce program for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Bachelor of Commerce degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

3. ELA 30-1
4. Mathematics 30-1 or Mathematics 30-2
5. One Group A course
6. One Group C course
7. One Group A, B or C course

Notes:

- Although it is not an admission requirement, Mathematics 31 is strongly recommended.
- Under Regular Admission, applicants must have completed the appropriate high school courses or present university-level post-secondary substitutions with a minimum grade of C-.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group C course

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the academic calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed one of the following from a recognized institution:

- A Business or Business-related post-secondary Certificate or Diploma with a minimum Admission Grade Point Average (AGPA) of 3.0 on a 4.0 scale.

OR

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

PROBATIONARY ADMISSION

To be evaluated through the Office of the University Registrar
This admission category will be used only if the Program is not filled by Regular, Mature or Previous Post-Secondary applicants. A limited number of probationary admissions may be granted to applicants who present an Admission Grade Point Average (AGPA) of less than 2.0 on a 4.0 scale.

Applicants admitted within this category will be placed on probation.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.

PROGRAM OF STUDY

		Credits
Core	Business	39
Core	Non-Business	18
Majors	<ul style="list-style-type: none"> • Accounting • Human Resources Management • International Business • Management • Marketing • Supply Chain Management Co-op 	63
Total		120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CORE BUSINESS COURSES

	Credits
ACCT 311 Introductory Accounting	3
ACCT 322 Managerial Information and Control Systems	3
BUSN 201 Introduction to Sustainable Business	3
BUSN 450 Strategic Management	3
FNCE 301 Introductory Finance	3
LEGL 210 Business Law	3
MARK 301 Fundamentals of Marketing	3
MSYS 200 Management Information Systems	3
MGTS 103 Probability and Statistics I	3
MGTS 312 Probability and Statistics II	3
MGTS 352 Operations Management	3
ORGA 201 Introduction to Management	3
ORGA 316 Contemporary Organizational Behaviour and Theory	3

CORE NON-BUSINESS COURSES

	Credits
ECON 101 Introduction to Microeconomics	3
ECON 102 Introduction to Macroeconomics	3
ENGL 102 Analysis and Argument	3
ENGL 103 Introduction to Literature	3
PROW 210 Advanced Business Writing	3
MATH 114 Elementary Calculus I	3
OR	
MATH 112 Calculus with Business Applications	3
OR	
MATH 120 Basic Linear Algebra I	3
OR	
FNCE 113 Introduction to Quantitative Decision-making	3

ACCOUNTING MAJOR

	Credits
ACCT 315 Intermediate Financial Accounting I	3
ACCT 316 Intermediate Financial Accounting II	3
ACCT 324 Intermediate Management Accounting	3
ACCT 442 Auditing	3

Option Requirement – nine credits from the following:

	Credits
ACCT 328 Income Tax Fundamentals	3
ACCT 410 Financial Accounting – Advanced	3
ACCT 412 Financial Accounting Theory	3
ACCT 422 Management Accounting – Advanced	3
ACCT 430 Accounting Information and Systems Support	3
ACCT 498 Independent Studies in Accounting	3
FNCE 406 Valuation and Investment Decision	3
ACCT 493 Integrated Case Studies in Accounting	3
ACCT 366 Government and Not-for-profit Accounting	3

Elective Requirement – 42 credits:

	Credits
Business Electives	6
Non-Business Electives	21
Open Electives	15

HUMAN RESOURCES MANAGEMENT MAJOR

	Credits
HRMT 200 Management of Human Resources	3
HRMT 314 Recruitment and Selection	3
HRMT 316 Total Compensation Management	3
HRMT 318 Learning and Development	3
HRMT 412 Labour and Employee Relations	3
HRMT 475 Health, Safety and Wellness	3
LEGL 312 Legal Issues in the Workplace	3

Option Requirement – three credits from the following:

	Credits
HRMT 331 Pension and Benefits Plans	3
HRMT 498 Independent Studies in Human Resource Management	3
INTB 311 Diversity and Intercultural Communication	3
ORGA 314 Managing Negotiation	3
ORGA 433 Managing Change	3

Elective Requirement – 39 credits:

Business Electives
Recommended to choose three credits from the following:

	Credits
BUSN 330 Project Management	3
ORGA 310 Advanced Leadership Skill Development	3
ORGA 330 Managerial Skill Development	3
ORGA 410 Business Consulting	3
ORGA 422 Contemporary Issues in Management	3

	Credits
Non-Business Electives	21
Open Electives	12

INTERNATIONAL BUSINESS MAJOR

Business Requirement – 18 Credits

	Credits
INTB 300 Introduction to International Business	3
INTB 311 Diversity and Intercultural Communication	3
INTB 412 Managing in an International Environment	3
MARK 403 International Marketing	3
FNCE 404 International Finance	3
INTB 312 Conducting Business in Asia	3
OR	
INTB 313 Business in Regional World Markets	3

Non-Business Requirements – six credits

Choose one of the following – three credits:

	Credits
HIST 210 Modern European History: 1789 – Present	3
HIST 251 American History since 1865	3
HIST 281 Asia since AD 1500	3

Choose one of the following – three credits:

	Credits
POLS 261 Asia Pacific Political Systems	3
POLS 263 Contemporary Issues in Global Politics	3

Option Requirement – nine credits from the following:

	Credits
International Business Course	3
Language Other Than English	6

Elective Requirement – 30 credits:

	Credits
Business Electives	6
Non-Business Electives	12
Open Electives	12

MANAGEMENT MAJOR

Business Requirement – 21 Credits

	Credits
INTB 311 Diversity and Intercultural Communication	3
ORGA 310 Advanced Leadership Topics and Issues	3
ORGA 314 Managing Negotiation	3
ORGA 330 Managerial Skill Development	3
ORGA 410 Business Consulting	3
ORGA 422 Contemporary Issues in Management	3
ORGA 433 Managing Change	3

Elective Requirement – 42 credits:

	Credits
Business Electives	6
Non-Business Electives	21
Open Electives	15

MARKETING MAJOR

	Credits
MARK 310 Consumer Behaviour	3
MARK 312 Marketing Research	3
MARK 314 Marketing Metrics	3
MARK 403 International Marketing	3
MARK 440 Strategic Marketing – Research to Practice	3

Option Requirement – six credits from the following:

	Credits
MARK 412 Service Marketing	3
MARK 414 Electronic Marketing	3
MARK 416 Business to Business Marketing	3
MARK 418 Personal Selling and Sales Management	3
MARK 420 Product Management	3
MARK 498 Independent Studies in Marketing	3

Elective Requirement – 42 credits:

	Credits
Business Electives	6
Non-Business Electives	21
Open Electives	15

SUPPLY CHAIN MANAGEMENT CO-OP MAJOR

Business Requirement – 24 Credits

	Credits
SCMT 205 Introduction to e-Business	3
SCMT 305 Transportation Management	3
SCMT 307 Principles of Quality Management	3
SCMT 320 Production Planning and Scheduling	3
SCMT 322 Business Logistics Management	3
SCMT 324 Purchasing and Supply Management	3
SCMT 403 Supply Chain Planning and Coordination	3
SCMT 407 Global Sourcing and Logistics	3

Choose two from the following options – total of six credits:

	Credits
BUSN 330 Project Management	3
SCMT 404 e-Business Execution	3
SCMT 408 Business Negotiations and Supplier Management	3
SCMT 425 Supply Chain Process Management	3

Elective Requirement – 33 credits:

	Credits
Business Electives	6
Non-Business Electives	21
Open Electives	6

Co-op Requirements (four-month work terms):

	Credits
COOP 290 Co-op Pre-employment Seminar	0
COOP 295 Co-operative Education: First Work Experience	0
COOP 395 Co-operative Education: Second Work Experience	0
COOP 495 Co-operative Education: Third Work Experience	0

BACHELOR OF COMMERCE HONOURS DESIGNATION INFORMATION (PLANNED IMPLEMENTATION 2017 -18)

The Bachelor of Commerce Honours Designation program provides eligible students with the opportunity to pursue more intensive study and research in their chosen field which may be of benefit to students considering graduate studies or a research-related position in business. There are three Honours disciplines offered: Management, Marketing and International Business.

GENERAL SELECTION CRITERIA FOR HONOURS DISCIPLINES

For consideration into Honours disciplines, students must present the following:

1. Completion of a minimum of 45 credits applicable to the degree with a GPA of 3.0 or better;
2. Completion of a minimum of 6 credits at the senior level in the major required courses with a grade point average of 3.3 in all the courses completed in the discipline of study.

Students interested in one of the Honours disciplines are encouraged to request a Program Check from the School of Business Student Program Services Office. Note that entry into an Honours discipline is competitive; satisfying the minimum requirements may not guarantee admission. Admission is also dependent on the availability of an appropriate faculty supervisor for the thesis. For more information, contact: Gordon Lucyk, Associate Dean - Students 780-497-5236 or email lucykg@macewan.ca

HONOURS ADMISSION HONOURS IN MANAGEMENT – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in Management Designation.

1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the Management Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resource – satisfying the minimum requirements does not guarantee admission.

HONOURS IN MARKETING – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in Marketing Designation.

1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the Marketing Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resource – satisfying the minimum requirements does not guarantee admission.

HONOURS IN INTERNATIONAL BUSINESS – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in International Business Designation.

1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the International Business Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resource – satisfying the minimum requirements does not guarantee admission.

PROGRAM OF STUDY – BACHELOR OF COMMERCE HONOURS DESIGNATION

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

HONOURS DESIGNATION REQUIREMENTS:

BUSN 396	Advanced Quantitative Research Methods for Business (Prerequisite MGTS 312) First planned offering Fall 2017.
BUSN 397	Advanced Qualitative Research Methods for Business (Prerequisite ORGA 201) First planned offering Fall 2017.
BUSN 496	Senior Honours Seminar (Prerequisite BUSN 396, BUSN 397 and acceptance into the Bachelor of Commerce Honours Program. First planned offering Winter 2018.
INTB 499, MARK 499 or ORGA 499	Honours Thesis. Prerequisite BUSN 496. First planned offering Fall 2018
Senior 4XX	A senior four hundred level course as determined and approved by the Faculty Advisor

BACHELOR OF COMMERCE COOPERATIVE EDUCATION PROGRAMMING

The Bachelor of Commerce program is planning to expand Cooperative Education programming to all majors starting in Fall 2017. The co-operative education program component will be competitive as there will be limited co-op placements. Certain dates and activities for this program will be commencing as early as Fall 2016; students interested in this program are encouraged to speak with an advisor and visit the website for up-to-date information: MacEwan.ca/bcom.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University or for transfer to another post-secondary institution.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS

Further to the Academic Residency regulation requirement, Policy C2015, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

CORE AND MAJOR REQUIREMENTS

The Bachelor of Commerce program consists of 120 credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 63 credits of specific coursework requirements. Refer to the Program of Study for specifics.

DECLARATION OF MAJOR

Students are required to declare a major by the completion of 60 credits. Students are strongly encouraged to consult with an advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

ELECTIVES AND OPTIONS

The majors have specific requirements for elective and option credits. These are listed in each major's program of study. The four categories are:

1. Options – a choice of courses from a list specified in the requirements for each major
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's chosen major
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's chosen major

INTERNATIONAL CONTENT REQUIREMENT

Students must take at least six credits of international content selected from a list of approved courses. Courses used to fulfill any of the degree requirements may also be used to satisfy the International Content requirement.

MAXIMUM 100 LEVEL COURSES

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

SUPPLY CHAIN MANAGEMENT CO-OP MAJOR REGULATIONS

All students in the Supply Chain Management Co-op major will be co-op students, and will be subject to policy C2065 Co-operative Education and the Bachelor of Commerce Degree Regulations.

DECLARATION OF THE SUPPLY CHAIN MANAGEMENT CO-OP MAJOR

All students in the Bachelor of Commerce program are eligible to declare the Supply Chain Management Co-op Major. International students will be allowed to take the major, but are responsible for obtaining any visas or work permits that are required.

WITHDRAWAL FROM THE MAJOR

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair from continuing in the major. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

ADDITIONAL CORE REQUIREMENTS

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

- COOP 290 Co-op Pre-Employment Seminar
- COOP 295 Co-operative Education: First Work Experience (480 hours)
- COOP 395 Co-operative Education: Second Work Experience (480 hours)
- COOP 495 Co-operative Education: Third Work Experience (480 hours)

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

COOP 295, COOP 395 AND COOP 495

While tuition is not charged for the co-op work terms, students are assessed a fee for each placement. Please consult with an advisor.

GRADE POINT AVERAGE (GPA) REQUIREMENTS

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from this major and enrolled in one of the other BCom majors. The student will have an opportunity to select the major of choice in consultation with an advisor.

WORK PLACEMENTS AND TIMING

Each work placement will consist of a minimum of 480 hours of paid employment in a job that is relevant to supply chain management. No more than two work placements will be completed consecutively; the student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

COURSE LOAD DURING FULL-TIME CO-OP WORK TERMS

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair, c/o BCom, student services, explaining compelling reasons to enroll while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

RESPONSIBILITY FOR OBTAINING A WORK PLACEMENT

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the university. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Supply Chain Management Co-op major.

ACCESS TO INFORMATION / EMPLOYMENT AGREEMENTS

Prior to work placements, all co-op students will be required to sign an agreement allowing the university to release to employers appropriate information about the student, and allowing the university to discuss the student's record and documentation as it relates to their work placement. Students will be required to comply with any employer policies including, but not limited to, confidentiality and intellectual property rights and may be required to obtain a security clearance prior to their work placement. Students will be required to maintain their compliance with these policies for the duration of the work placement.

WORK PLACEMENT INTERRUPTION OR DISMISSAL

In the event of unforeseen circumstances such as illness, strike or layoff the student must have worked a minimum of 360 hours in order to receive credit for the work placement. All work placement reports must also be completed. The university and its employees are not liable in any way for losses incurred due to a student's dismissal from co-op employment.

CONTACT INFORMATION

T: 780-497-5162

E: bcom@macewan.ca

BACHELOR OF COMMUNICATION STUDIES

Faculty of Fine Arts and Communications

MacEwan.ca/CommunicationDegree

In our fast-paced world of evolving and conventional media, communication is key to interpersonal, organizational and career success. The Bachelor of Communication Studies (BCS) program provides students with the core skills of effective communication, combined with career specialization in two majors: professional communication and journalism. The courses in the majors offer depth and rigour, supported by a liberal arts framework that provides breadth, specialization and choice. The field is forward-looking, and so is this program of studies.

Years one and two include common coursework for both professional communication and journalism majors that builds a foundation in rhetoric, language and composition, visual communication, communication theory and research methods. Years three and four provide specialization in editing, strategic communication or technical communication (in the professional communication major), or in news gathering and digital media production (in the journalism major).

Year three includes an ethical practice and portfolio course, followed by a professional field placement. Students conclude year four with skills, experience and practical proof of their communication competency.

The Bachelor of Communication Studies program prepares students for strategic roles in business, traditional and new media, not-for-profit and public sector organizations: wherever clear, correct and effective messages are valued. Confident in research methodology and contemporary communication theory, students are also ready for graduate studies in communication or a related field.

CAREER POTENTIAL

Graduates of MacEwan University's Bachelor of Communication Studies degree will have competency in critical problem solving, global awareness and cultural sensitivity, creativity, information and research literacy, and ethical and professional practice. These competencies will bring career success in a variety of positions – writer, editor, researcher, journalist, reporter, marketer, client or community relations practitioner, communications advisor, communications coordinator, public information officer, producer, social media contact, reviewer, analyst, commentator – and in many roles that have yet to be created. In 2011, Statistics Canada reported a healthy demand for employment in the information and communication fields, and in 2010, the Government of Alberta reported that hiring is robust for journalists and good for writers and editors.

TECHNOLOGY INTEGRATION FOR CREATIVE LEARNING (TICL)

On entering the second year of the Bachelor of Communication Studies program, students in the Journalism major will need to purchase a Mac laptop and necessary software identified by the program. For specifications, refer to the program website or contact the university advisor.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

Graduates of the following MacEwan University programs may be granted credit towards the Bachelor of Communication Studies degree:

- Arts and Cultural Management diploma
- Journalism diploma
- Professional Writing diploma and applied degree
- Public Relations diploma

Graduates of the Bachelor of Communication Studies degree may receive up to 30 credits to the Arts and Cultural Management diploma. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Bachelor of Communication Studies degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. One Group A, B or C course
3. One Group A or B course
4. One Group C course
5. One Group A or C course (or Group B course if it was not used in #3 above)

A maximum of two Group B subjects can be used; they must be from different disciplines.

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
 Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
 Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the academic calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must complete a writing assessment.

- Writing Assessment – Applicants must achieve a minimum grade of 65 per cent on this written assessment.

Note: Graduates of MacEwan University Bachelor of Applied Communications in Professional Writing, Diploma in Professional Writing and Journalism programs will not be required to write the program’s writing assessment.

PROGRAM OF STUDY

CORE COURSES

	Credits	
BCSC 100	Grammar and Composition Foundations	3
BCSC 101	Communication and Human Interaction	3
ENGL 102	Analysis and Argument	3
ENGL 103	Introduction to Literature	3
BCSC 102	Introduction to Visual Communication	3
BCSC 200	Communication Theory	3
BCSC 202	Online Communication and Information Architecture	3
BCSC 203	Introduction to Research Methods	3
BCSC 301	Communication Law	3
BCSC 302	Multimedia Authoring	3
BCSC 306	Ethical Practice and Portfolio	3
BCSC 398	Professional Field Placement	3
BCSC 411	Advanced Research Methods	3

General Education Core Requirements

	Credits
Humanities	6
Social Sciences	9
Sciences	6
Fine Art/Performing Arts	6

JOURNALISM MAJOR

	Credits	
BCSC 201	Foundations of Journalism	3
BCSC 210	Introduction to News Reporting	3
BCSC 313	Intermediate News Reporting	3
BCSC 320	Canadian Press & Society	3
BCSC 327	Journalism in the Digital Age	3
BCSC 420	Online News Production	6
BCSC 433	Advanced News Reporting	3
	Option Courses	21
	Elective Courses - Any 100 to 400 university-level courses (minimum of 1 senior level)	9

PROFESSIONAL COMMUNICATION MAJOR

	Credits	
BCSC 204	Foundations in Sustainability Communication	3
BCSC 215	Applied Communications	3
BCSC 216	Professional Communication	3
BCSC 253	Classical and Modern Rhetoric	3
BCSC 310	Strategic Communication Planning	3
BCSC 400	Intercultural Communication	3
BCSC 417	Professional Practice	3
BCSC 418	Organization Communication Theory	3
	Option Courses	24
	Elective Courses - Any 100 to 400 university-level courses (minimum of 1 senior level)	6

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

DECLARATION OF A MAJOR

Students are required to declare a major at the time of application into the Bachelor of Communication Studies degree.

GENERAL EDUCATION REQUIREMENT

Students complete 27 credits of general education classes as outlined in the program of study and general education requirements must be baccalaureate level coursework. A minimum of nine credits must be senior level courses.

CORE FIELD PLACEMENT REQUIREMENTS

All program students must successfully complete BCSC 398, which is a three-credit, full-time or part-time field placement, after successfully completing at least 84 out of 120 credits required for the degree. The program will assist students in finding field placement opportunities; however, students are ultimately responsible for securing their own work placements, and all placements must be approved by the program.

JUNIOR- AND SENIOR-LEVEL COURSES

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

SENIOR-LEVEL COURSEWORK REQUIREMENTS

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfilment of graduation requirements.

OPTIONS REQUIREMENTS

Students are required to complete either 24 credits (Professional Communication major) or 21 credits (Journalism major) of options courses. Students must select from a list of BCSC option courses designed for each major. Not all option courses are offered each term or year. These courses must be at the baccalaureate level.

ELECTIVES REQUIREMENTS

Students in the Professional Communication Major are required to complete six credits of electives, of which three credits must be at a senior-level. Students in the Journalism Major are required to complete nine credits of electives, of which three credits must be at a senior-level. Selections can be from the approved list of electives for the Bachelor of Communication Studies. Students are strongly encouraged to consult with their university advisor before confirming electives.

CHANGING MAJORS

Students declaring a change of major are governed by the program of study and the graduation requirements of the specific major (Professional Communication or Journalism). Students who declare a change of major up to and including the last day to withdraw from Winter term courses without academic penalty are bound by the requirements of the current academic year. Students who declare a change of major after this date are bound by the program of study and graduation requirements of the upcoming academic year as published in the academic calendar.

PROGRESSION OF STUDIES

Students are responsible for ensuring they fulfill the prerequisite and/or co-requisite requirements of courses taken to complete the Bachelor of Communication Studies degree.

CONTACT INFORMATION:

Joyce Nethercote, University Advisor
T: 780-497-5614
E: communicationdegree@macewan.ca

BACHELOR OF MUSIC IN JAZZ AND CONTEMPORARY POPULAR MUSIC

Faculty of Fine Arts and Communications

MacEwan.ca/MusicDegree

The Bachelor of Music (B.Mus.) focuses on the study of jazz and contemporary popular music and responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while pursuing a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

YEAR 1

All music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds or strings), performance, theory (jazz and traditional), aural skills, and musicology.

YEARS 2-4

After successful completion of the first year, students pursue a major route (specialized program of study).

Major routes include: Performance, Composition and General. Students following the four-year General route also have the opportunity to pursue one of two unique minors: Music Technology and Production, or Music Career Management.

Further, students can also obtain a diploma credential after completing their second year.

CAREER POTENTIAL

The Department of Music has been training some of Canada's most talented musicians for more than 40 years. The B.Mus. prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as songwriters, performers, accompanists, arrangers, composers, recording engineers and producers, record distributors, sound technicians, educators and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics, many of whom hold doctorates and master's degrees in music as well as a variety of regional, national and international awards.

TRANSFERABILITY

All credit courses may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or 75 per cent in ELA 30-2
2. Four Group A, B, or C courses (a maximum of two group B subjects can be used; they must be from different disciplines)

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the academic calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

OR

- A University Music Diploma Program or equivalent

PROBATIONARY ADMISSION

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average

(AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to all admission categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

PROGRAM OF STUDY

Core		Credits
Core	Music	30
Core	Non-Music	6
Majors	<ul style="list-style-type: none"> • Composition • Performance • General • General, minor in Music Career Management • General, minor in Music Technology and Production 	92
Total		128

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CORE COURSES

YEAR I

Term I		Credits	Min. Grade
ENGL 102	Analysis and Argument	3	
MUSC 103	Theory I	3	
MUSC 111	Ear Training I	3	
MUSC 123	Musicology I	3	
MUSC 131	Principal Instrument I	3	
MUSC 141	Master Class I	3	
MUSC 188	Performance Ensemble	0	CR

Term II		Credits	Min. Grade
ENGL 103	Introduction to Literature	3	
MUSC 104	Theory II	3	
MUSC 112	Ear Training II	3	
MUSC 124	Musicology II	3	
MUSC 132	Principal Instrument II	3	
MUSC 142	Master Class II	3	
MUSC 189	Performance Ensemble	0	CR

COMPOSITION MAJOR

YEAR II

		Credits	Min. Grade
MUSC 201	Theory III: Jazz Harmony and Analysis	3	
MUSC 207	Songwriting I	3	
MUSC 208	Songwriting II	3	
MUSC 211	Composition I	3	
MUSC 212	Composition II	3	
MUSC 213	Ear Training III	3	
MUSC 214	Ear Training IV	3	
MUSC 215	Functional Keyboard I (MUSC 215)		
OR	or	1.5	
MUSC 217	Accompanying I (MUSC 217)		
MUSC 216	Functional Keyboard II (MUSC 216)		
OR	or	1.5	
MUSC 218	Accompanying II (MUSC 218)		
MUSC 263	Intro to Music Technology	3	
MUSC 294	Performance Ensemble	0	CR
MUSC 295	Performance Ensemble	0	CR
MUSC 361	Intro to Music Career Management	3	
	Elective - 100 or higher	3	

YEAR III

		Credits	Min. Grade
MUSC 202	Theory IV: Chromatic Harmony	3	
MUSC 221	Applied Instrument I	1.5	
MUSC 222	Applied Instrument II	1.5	
MUSC 313	Arranging I: Introduction to Arranging	3	
MUSC 314	Arranging II: Arranging for Large Ensembles	3	
MUSC 326	Composition III	3	
MUSC 327	Composition IV	3	
MUSC 396	Performance Ensemble	1	
MUSC 397	Performance Ensemble	1	
MUSC 427	Cultural Studies of Music	3	
	Electives - 200 or higher	6	
	Music options - See list below	3	

		Credits	Min. Grade
YEAR IV			
MUSC 415	Orchestration	3	
MUSC 416	Scoring for Film and Other Visual Media	3	
MUSC 417	Composition V	1.5	
MUSC 418	Composition VI	1.5	
MUSC 424	Ethnomusicology	3	
MUSC 426	History of Electro-Acoustic Music	3	
MUSC 474	Graduation Recital	0	CR
	Elective - 200 or higher	3	
Music Options	Students must take 3 credits in Music Technology Options and 3 credits in Music Career Management Options	9	

MUSIC TECHNOLOGY OPTIONS:

		Credits
MUSC 364	Applications in Music Technology I	3
MUSC 366	Introduction to the Recording Studio	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics and the Science of Musical Instruments	3

MUSIC CAREER MANAGEMENT OPTIONS:

		Credits
MUSC 362	The Business of Music	3
MUSC 363	The Musician's Workplace	3
MUSC 374	Alternatives for Careers in Music	3
MUSC 475	Marketing for the Professional Musician	3
MUSC 476	Health Issues and the Professional Musician	3

OTHER OPTIONS:

		Credits
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 380	Directed Project	3
MUSC 482	Independent Study	3
MUSC 498	Performance Ensemble	1.5
MUSC 499	Performance Ensemble –	1.5

Note: Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option

Note: Not all option courses are offered in every year

GENERAL MAJOR

		Credits	Min. Grade
YEAR II			
MUSC 201	Theory III: Jazz Harmony and Analysis	3	
MUSC 213	Ear Training III	3	
MUSC 214	Ear Training IV	3	
MUSC 215	Functional Keyboard I	1.5	
OR	or		
MUSC 217	Accompanying I		
MUSC 216	Functional Keyboard II	1.5	
OR	or		
MUSC 218	Accompanying II		
MUSC 263	Intro to Music Technology	3	
MUSC 294	Performance Ensemble	0	CR
MUSC 295	Performance Ensemble	0	CR
MUSC 361	Intro to Music Career Management	3	
	Elective - 100 or higher	3	
	Music Options - See list below	9	

		Credits	Min. Grade
YEAR III			
MUSC 202	Theory IV: Chromatic Harmony	3	
MUSC 221	Applied Instrument I	1.5	
MUSC 222	Applied Instrument II	1.5	
MUSC 313	Arranging I: Introduction to Arranging	3	
MUSC 396	Performance Ensemble	1	
MUSC 397	Performance Ensemble	1	
MUSC 427	Cultural Studies of Music	3	
	Elective - 100 or higher	3	
	Elective - 200 or higher	3	
	Music Options - See list below	12	

		Credits	Min. Grade
YEAR IV			
MUSC 424	Ethnomusicology	3	
MUSC 426	History of Electro-Acoustic Music	3	
	Elective - 100 or higher	3	
	Elective - 200 or higher	6	
	Music Options - See list below	15	

Students must take a minimum of 3 credits in Music Technology Option and 3 credits in Music Career Management Options

MUSIC CAREER MANAGEMENT OPTIONS:

		Credits
MUSC 362	The Business of Music	3
MUSC 363	The Musician's Workplace	3
MUSC 374	Alternatives for Careers in Music	3
MUSC 475	Marketing for the Professional Musician	3
MUSC 476	Health Issues and the Professional Musician	3

MUSIC TECHNOLOGY OPTIONS:

	Credits	YEAR III	Credits	Min. Grade
MUSC 364 Applications in Music Technology I	3	MUSC 202 Theory IV: Chromatic Harmony	3	
MUSC 366 Introduction to the Recording Studio	3	MUSC 221 Applied Instrument I	1.5	
MUSC 465 Applications in Music Technology II	3	MUSC 222 Applied Instrument II	1.5	
MUSC 467 Recording Studio Production	3	MUSC 313 Arranging I: Introduction to Arranging	3	
MUSC 468 Acoustics and the Science of Musical Instruments	3	MUSC 362 The Business of Music	3	

OTHER OPTIONS:

	Credits		Credits	Min. Grade
MUSC 207 Songwriting I	3	MUSC 363 The Musician's Workplace	3	
MUSC 208 Songwriting II	3	MUSC 374 Alternatives for Careers in Music	3	
MUSC 253 Live Sound Reinforcement I	3	MUSC 396 Performance Ensemble	1	
MUSC 254 Live Sound Reinforcement II	3	MUSC 397 Performance Ensemble	1	
MUSC 380 Directed Project	3	MUSC 427 Cultural Studies of Music	3	
MUSC 482 Independent Study	3	Elective - 100 or higher	3	
MUSC 498 Performance Ensemble	1.5	Elective - 200 or higher	3	
MUSC 499 Performance Ensemble –	1.5	Music Options - See list below	3	

Note: Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option

Note: Not all option courses are offered in every year

GENERAL MAJOR – MUSIC CAREER MANAGEMENT MINOR

YEAR II		Credits	Min. Grade
MUSC 201	Theory III: Jazz Harmony and Analysis	3	
MUSC 213	Ear Training III	3	
MUSC 214	Ear Training IV	3	
MUSC 215	Functional Keyboard I (MUSC 215)		
OR	or	1.5	
MUSC 217	Accompanying I (MUSC 217)		
MUSC 216	Functional Keyboard II (MUSC 216)		
OR	or	1.5	
MUSC 218	Accompanying II (MUSC 218)		
MUSC 263	Introduction to Music Technology	3	
MUSC 294	Performance Ensemble	0	CR
MUSC 295	Performance Ensemble	0	CR
MUSC 361	Intro to Music Career Management	3	
	Elective - 100 or higher	3	
	Music Options - See list below	9	

YEAR IV

MUSC 424	Ethnomusicology	3	
MUSC 426	History of Electro-Acoustic Music	3	
MUSC 475	Marketing for the Professional Musician	3	
MUSC 476	Health Issues and the Professional Musician	3	
	Elective - 100 or 200 level	3	
	Elective - 200+ level	6	
	Music Options - see list below	9	

Students must take 3 credits in Music Technology

MUSIC OPTIONS:

	Credits
MUSC 207 Songwriting I	3
MUSC 208 Songwriting II	3
MUSC 253 Live Sound Reinforcement I	3
MUSC 254 Live Sound Reinforcement II	3
MUSC 364 Applications in Music Technology I	3
MUSC 366 Introduction to the Recording Studio	3
MUSC 465 Applications in Music Technology II	3
MUSC 467 Recording Studio Production	3
MUSC 468 Acoustics and the Science of Musical Instruments	3
MUSC 380 Directed Project	3
MUSC 482 Independent Study	3
MUSC 498 Performance Ensemble	1.5
MUSC 499 Performance Ensemble –	

Note: Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option

Note: Not all option courses are offered in every year

GENERAL MAJOR – MUSIC TECHNOLOGY AND PRODUCTION MINOR

		Credits	Min. Grade
YEAR II			
MUSC 201	Theory III: Jazz Harmony and Analysis	3	
MUSC 213	Ear Training III	3	
MUSC 214	Ear Training IV	3	
MUSC 215	Functional Keyboard I		
OR	or	1.5	
MUSC 217	Accompanying I		
MUSC 216	Functional Keyboard II		
OR	or	1.5	
MUSC 218	Accompanying II		
MUSC 263	Intro to Music Technology	3	
MUSC 294	Performance Ensemble	0	CR
MUSC 295	Performance Ensemble	0	CR
MUSC 361	Intro to Music Career Management	3	
MUSC 366	Introduction to the Recording Studio	3	
MUSC 467	Recording Studio Production	3	
	Elective - 100 or 200 level	3	
Music Option	Music Options - see list below	3	

		Credits	Min. Grade
YEAR III			
MUSC 202	Theory IV: Chromatic Harmony	3	
MUSC 221	Applied Instrument I	1.5	
MUSC 222	Applied Instrument II	1.5	
MUSC 313	Arranging I: Introduction to Arranging	3	
MUSC 364	Applications in Music Technology I	3	
MUSC 396	Performance Ensemble	1	
MUSC 397	Performance Ensemble	1	
MUSC 427	Cultural Studies of Music	3	
	Elective - 100 or higher	3	
	Elective - 200 or higher	3	
	Music Options - see list below	9	

		Credits	Min. Grade
YEAR IV			
MUSC 424	Ethnomusicology	3	
MUSC 426	History of Electro-Acoustic Music	3	
MUSC 468	Acoustics and the Science of Musical Instruments	3	
MUSC 465	Applications in Music Technology II	3	
	Elective - 100 or higher	3	
	Elective - 200 or higher	6	
Music Options	Music Options - see list below	9	

Students must take 3 credits in Music Career Management Options in Year IV in addition to other Option credits

MUSIC OPTIONS:

		Credits
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 362	The Business of Music	3
MUSC 363	The Musician's Workplace	3
MUSC 374	Alternatives for Careers in Music	3
MUSC 475	Marketing for the Professional Musician	3
MUSC 476	Health Issues and the Professional Musician	3
MUSC 380	Directed Project	3
MUSC 482	Independent Study	3
MUSC 498	Performance Ensemble	1.5
MUSC 499	Performance Ensemble –	1.5
Note: Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option		

Note: Not all option courses are offered in every year

PERFORMANCE MAJOR

		Credits	Min. Grade
YEAR II			
MUSC 201	Theory III: Jazz Harmony and Analysis	3	
MUSC 213	Ear Training III	3	
MUSC 214	Ear Training IV	3	
MUSC 215	Functional Keyboard I		
OR	or	1.5	
MUSC 217	Accompanying I		
MUSC 216	Functional Keyboard II		
OR	or	1.5	
MUSC 218	Accompanying II		
MUSC 233	Principal Instrument III	3	
MUSC 235	Principal Instrument IV	3	
MUSC 243	Master Class III	3	
MUSC 244	Master Class IV	3	
MUSC 263	Intro to Music Technology	3	
MUSC 294	Performance Ensemble	0	CR
MUSC 295	Performance Ensemble	0	CR
MUSC 361	Intro to Music Career Management	3	
	Elective - 100 or higher	3	

YEAR III		Credits	Min. Grade
MUSC 202	Theory IV: Chromatic Harmony	3	
MUSC 313	Arranging I: Intro to Arranging	3	
MUSC 335	Principal Instrument V	3	
MUSC 336	Principal Instrument VI	3	
MUSC 348	Contemporary Issues in Performance Practice and Techniques I	1.5	
MUSC 358	Improvisation I	1.5	
MUSC 359	Improvisation II	1.5	
MUSC 371	Junior Recital	0	CR
MUSC 396	Performance Ensemble	1	
MUSC 397	Performance Ensemble	1	
MUSC 427	Cultural Studies of Music	3	
	Elective - 200 or higher	6	
Music Option	Students must take 3 credits in either Music Technology Options or Music Career Management Options	3	

YEAR IV		Credits	Min. Grade
MUSC 424	Ethnomusicology	3	
MUSC 426	History of Electro-Acoustic Music	3	
MUSC 437	Principal Instrument VII	3	
MUSC 438	Principal Instrument VIII	3	
MUSC 452	Contemporary Issues in Performance Practice and Techniques II	1.5	
MUSC 460	Improvisation III	1.5	
MUSC 461	Improvisation IV	1.5	
MUSC 472	Area Examination	0	CR
MUSC 473	Graduation Recital	0	CR
MUSC 498	Performance Ensemble	1.5	
MUSC 499	Performance Ensemble	1.5	
	Elective - 200 or higher	3	
Music Option	Students must take 3 credits in either Music Technology Options or Music Career Management Options	6	

Note: Not all option courses are offered in every year

MUSIC TECHNOLOGY OPTIONS:

		Credits
MUSC 364	Applications in Music Technology I	3
MUSC 366	Introduction to the Recording Studio	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics and the Science of Musical Instruments	3

MUSIC CAREER MANAGEMENT OPTIONS:

		Credits
MUSC 362	The Business of Music	3
MUSC 363	The Musician's Workplace	3
MUSC 374	Alternatives for Careers in Music	3
MUSC 475	Marketing for the Professional Musician	3
MUSC 476	Health Issues and the Professional Musician	3

OTHER OPTIONS:

		Credits
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 380	Directed Project	3
MUSC 482	Independent Study	3

Note: Not all option courses are offered in every year

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

DECLARATION OF A MAJOR AND MINOR (CONCENTRATION)

Students are required to declare a major and minor concentration, where applicable, by the time they have successfully completed all Year I core Music requirements (30 credits) per the program of study. Students are required to consult with the appropriate section head and program university advisors in determining their major or minor choice.

Students who declare a General major and choose to declare a minor in either Music Technology and Production or Music Career Management must successfully complete 18 credits in their minor area.

GRADUATION RECITALS – PERFORMANCE AND COMPOSITION MAJORS

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

- The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.
- Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.
- The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed programme of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete this requirement also constitutes a failure in Principal Instrument VIII.

PERFORMANCE ENSEMBLES

All students must participate in required Performance Ensembles as noted in the Programs of Study. The Performance Ensemble requirement for Year I Core and Year II all Majors (Fall & Winter terms) are 0 credit. The Performance Ensemble requirement for Year III all majors (Fall & Winter terms) are 1 credit, and Year IV (Performance Major or as Music Option, Fall & Winter terms) are 1.5 credits. For all majors, students may choose to participate in a maximum of two performance ensembles per term, but will only earn credit for one ensemble per term. The second Performance Ensemble will be 0 credit in any term. In order to avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

JUNIOR- AND SENIOR-LEVEL COURSES

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

ELECTIVE REQUIREMENTS

Elective requirements in each of years II, III and IV of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Performance, Composition, and General). Students are encouraged to consult with the program for guidance on selecting elective courses. Program courses cannot be used to fulfill elective requirements.

MUSIC OPTION REQUIREMENTS

All B.Mus. students must successfully complete one additional Music Technology and Production course beyond the introductory course *and* one additional Music Career Management course beyond the introductory course as part of their core requirements.

Students must select from a list of MUSC courses to fulfill Music Option requirements in their declared major or minor. Specified Music Option courses may also be required courses in one or more of the program's majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific program of study. Students must consult with the program for guidance and availability of Music Option courses prior to registration.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements.

DIPLOMA REQUIREMENTS: GENERAL, PERFORMANCE, AND COMPOSITION

Students are eligible for a diploma after the completion of Year II of the B.Mus. degree, by fulfilling the specified number of credits in the following areas: General (66 credits), Performance (69 credits), and Composition (69 credits). In order to claim a diploma, a student must submit an application to graduate.

Students who have obtained the diploma, who are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

CONTACT INFORMATION

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BACHELOR OF PSYCHIATRIC NURSING

Faculty of Nursing
Department of Psychiatric Nursing
MacEwan.ca/PsychNursingDegree

The Bachelor of Psychiatric Nursing (BPN) builds on the foundation of a diploma in psychiatric nursing. This program is designed for diploma-prepared Registered Psychiatric Nurses (RPNs) who wish to pursue their passion for psychiatric/mental health nursing by further extending their knowledge and skills in their chosen field. The BPN is learner-centred, innovative, and offers a contextually relevant curriculum. The balance between liberal and professional education offers depth and breadth of studies, a global perspective, and an opportunity to enhance knowledge, skills and other professional attributes in such areas as community mental health, child and adolescent psychiatry, the criminal justice system, mental health and addictions, application of therapeutic modalities, nursing research, and leadership. With two intakes per year, opportunities for full- or part-time studies, and delivery through a variety of distance and on-line learning technologies, the 45-credit BPN program facilitates ease of access for RPNs from both urban and rural settings.

CAREER POTENTIAL

MacEwan University Bachelor of Psychiatric Nursing graduates have advanced preparation for employment within complex health care environments. Attainment of a BPN facilitates opportunities for increased scope of practice and professional psychiatric/mental health nursing practice in a broader range of settings, including such areas as community mental health, counselling, family/group therapy, and forensics.

TRANSFERABILITY

The Bachelor of Psychiatric Nursing degree is fully delivered through MacEwan University. All courses completed for the Bachelor of Psychiatric Nursing degree are baccalaureate credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must present a Psychiatric Nursing diploma (or equivalent) with an Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale. In addition, applicants must present:

- Current registration on the practicing register as a Registered Psychiatric Nurse in Canada.

OR

- A current registration as a psychiatric/mental health nurse in another country and be eligible for registration on the practicing register as a Registered Psychiatric Nurse in Canada.

*Provisional Admission – may be assigned to applicants who have completed the academic requirements of a Psychiatric Nursing diploma but have not written the Canadian Registered Psychiatric Nurse Examination. The examination must be successfully completed within the first term of their program.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Conditionally accepted applicants are required to present the following:

- A current, clear Police Information Check with a Vulnerable Sector search by the academic document deadline. The Police Information Check must be obtained within 3 months of the program intake term.

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

PROGRAM OF STUDY

Term I		Credits	Min. Grade
HLST 320	Health and Society	3	C-
HLST 321	Advanced Skills in Therapeutic Modalities	4	C-
	Elective	3	C-
	Option – Senior Social Science	3	C-
	Statistics	3	C-
Term II		Credits	Min. Grade
NURS 341	Nursing Research Processes	3	C-
PNRS 320	Trends and Issues in Mental Health Care	3	C-
PNRS 321	Child/Adolescent Mental Health	3	C-
	Senior Elective	3	C-
	Option – Senior Philosophy	3	C-
Term III		Credits	Min. Grade
PNRS 420	Community Mental Health	4	C-
PNRS 421	Mental Health and the Law	3	C-
PNRS 422	Leadership for Psychiatric Nursing Practice	3	C-
PNRS 423	Capstone Course	4	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

PROGRAM TIME LIMITS – EXEMPTION FOR THE BACHELOR OF PSYCHIATRIC NURSING PROGRAM

A student in the Bachelor of Psychiatric Nursing program has five years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

ACADEMIC RESIDENCY

Meeting of the academic residency requirement for the Bachelor of Psychiatric Nursing degree program requires completion of a minimum of 23 program credits through MacEwan University, including the 4-credit Capstone Course (PNRS 423). Courses completed to meet the admission requirements or completed through other institutions and assigned transfer credit, if any, cannot be used to meet the program's residency requirement.

REQUIRED ENGLISH COURSE

Learners who do not have a three-credit post-secondary English course at the time of admission to this program will be required to complete the course prior to the second term of study (policy C1030, Required English Course).

REGISTRATION REQUIREMENTS

Current registration on the practice register must be maintained throughout the program, either as a Registered Psychiatric Nurse if completing the program in Canada or as a psychiatric/mental health nurse in another country if completing the program outside Canada.

ELECTIVE/OPTION REQUIREMENTS

The Program of Study for this program enables learner choice in the selection of specified 3-credit university-level theory course options (statistics course, philosophy course at the 200 level or higher, and social science course at the 200 level or higher) and electives (Open and Senior elective). The Open Elective (100 level or higher) and Senior Elective (200 level or higher) exclude subject codes PNRS and NURS and may be chosen to extend knowledge within an area of interest. A post-secondary English course completed to meet the English course requirement cannot be used to meet an Elective requirement for this program.

PROGRESSION OF STUDIES

Learners are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as specified in descriptions for program courses. Some flexibility in sequencing of courses is permitted, provided that specified pre- and co-requisites are adhered to. Course registration is required for participation in all program courses.

PROFESSIONAL CODE OF CONDUCT

Learners must adhere to the professional code of ethics and standards of psychiatric nursing practice for Registered Psychiatric Nurses, the professional code of conduct and the confidentiality agreements signed with MacEwan University and, as applicable, work integrated learning host agencies.

PROGRAM STANDARDS

Learners admitted to this program are presumed to be capable of fulfilling the academic requirements of the program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of learners with disabilities shall not require the university to lower its standards, academic or otherwise, nor shall it relieve a learner of the responsibility to develop and demonstrate the essential skills and competencies expected of all learners pursuing this program (policy E3400, Students with Disabilities).

POLICE INFORMATION CHECK (SECURITY CLEARANCE)

A current, clear Police Information Check (PIC) for working with vulnerable populations is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the academic document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

REGULATIONS GOVERNING WORK INTEGRATED LEARNING ACTIVITIES

Selected field study or work integrated learning experiential activities may be incorporated into one or both of PNRS 420 (Community Mental Health) and PNRS 423 (Capstone Course). These can generally be completed within the learner's home community. The learner is responsible for any costs they incur for materials, meals, travel and, where applicable, accommodation for these experiences. Learners must comply with policy C2060 Work Integrated Learning and other applicable policies and regulations of the university, professional regulations, and policies and procedures of the host organization. In accordance with policy C2060, the university reserves the right to remove a learner from the work integrated learning experience at any point in the experience for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with concurrence of the Dean, the learner will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the learner will not be permitted to remain in the work integrated learning experience during the appeal.

Host agencies may specify additional prerequisite requirements for work integrated learning experiential activities, for example, currency of immunization against specified communicable diseases, N95 fit-testing, and Health Care Provider Level C Basic Life Support (BLS) certificate, and a current clear PIC with or without a child welfare check. Learners whose PIC status changes or who lack other specified additional requirements compromise their ability to complete the program requirements, as they may be denied work integrated learning experiences and, therefore, unable to meet graduation requirements.

CONTACT INFORMATION

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BACHELOR OF SCIENCE

Faculty of Arts and Science

MacEwan.ca/Science

The Bachelor of Science (B.Sc.) is a foundational general degree. This science degree provides broad and widely applicable knowledge and abilities, rather than a niche specialization. This broad base provides graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also gives students a solid foundation from which to specialize through employment or further schooling.

The degree consists of four components. The core provides breadth of study across a variety of Arts and Science disciplines, and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options allow students to explore courses outside their disciplines, or even their program, and so enhance their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

B.Sc. students may study in both a major and minor discipline and must be familiar with the academic and faculty regulations as outlined in this academic calendar.

SCIENCE DISCIPLINES

	MAJOR	MINOR	HONOURS DISCIPLINES
Biological Sciences	✓	✓	–
Chemistry	–	✓	–
Computer Science	✓	✓	–
Earth and Planetary Science	–	✓	–
Mathematics	✓	✓	–
Mathematical Sciences	✓	–	–
Physical Sciences	✓	–	–
Physics	–	✓	–
Psychology	✓	✓	✓
Statistics	–	✓	–

ARTS DISCIPLINES

See Bachelor of Arts program of study for more details.

	MINOR
Anthropology	✓
Classics	✓
Creative Writing	✓
Economics	✓
English	✓
French	✓
History	✓
Philosophy	✓
Political Science	✓
Psychology	✓
Sociology	✓
Spanish	✓

OUT OF FACULTY MINORS

See Bachelor of Arts program of study for more details.

Business Law	✓
Business Studies	✓

Notes:

1. Students majoring in Mathematical Sciences or Physical Sciences may pursue a minor but are not required to do so.
2. All majors and minors have junior prerequisite courses that should normally be completed in the first year of the degree (e.g. CHEM 101 and CHEM 102 are prerequisites for most senior-level Chemistry courses).

GENERAL PROGRAM INFORMATION

The B.Sc. requires students to complete 120 credits of non-duplicative coursework. This coursework consists of 39 credits of core requirements in the following areas: biological sciences or Earth and planetary sciences with laboratory components (six credits), chemistry or physics with laboratory components (six credits), mathematical sciences (six credits), mathematics (three credits), English (six credits: three credits writing, three credits literature), social sciences (six credits) and arts (six credits).

Students are advised to meet their core requirements in their first and second years of study. In addition, students are also required to complete coursework in a major subject area (42 credits at the senior-level), a minor subject area (18 credits at the senior-level) and options (21 credits). For more information, refer to the program of study chart.

TRANSFERABILITY

All courses completed within the Bachelor of Science degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

PREPARING FOR PROFESSIONAL STUDIES

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second year of a number of preprofessional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy and veterinary medicine. All courses taken in these pre-professional programs are credit courses and, as such, they may be applied to any of the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice, and to select their MacEwan University courses accordingly. Completion of pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application and entry is competitive, not automatic.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science - Advanced Level Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science - Advanced Level Career and Technology Studies (5 credits)

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the academic calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required core courses listed under the Regular or Mature Admission category.

PROBATIONARY ADMISSION

To be evaluated through the Program

A limited number of probationary admissions may be granted to applicants who meet the admission criteria outlined in one of the categories of admission and who have attempted nine or more university-level credits but their Admission Grade Point Average (AGPA) is less than 2.0 on a 4.0 scale.

To be considered in the probationary admission category, at the time of admission an applicant must present:

- An Admission Grade Point Average (AGPA) between 1.7 and 1.99.

AND ONE OF THE FOLLOWING

- No grade less than C on the most recent nine credits of university-level course work.

OR

- A minimum Grade Point Average (GPA) of 2.0 on the most recent twelve or more credits of university-level course work.

Applicants who do not satisfy all these conditions will not be considered for admission in this category.

Those students accepted into the probationary category will be required to sign a probation contract.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

PROGRAM OF STUDY

CORE		Credits
Biological or Earth and Planetary Sciences	Biological Sciences or Earth and Planetary Sciences (6 credits from one discipline, courses qualifying for credit must include a laboratory component)	6
Chemistry or Physics	Chemistry or Physics (6 credits from one discipline, courses qualifying for credit must include a laboratory component)	6
Mathematical Sciences	Mathematics, Statistics, or Computer Science*	6
Mathematics	Calculus or Linear Algebra	3
English	Junior-level English (not including ENGL 111 or ENGL 108)	6
Social Sciences	Anthropology, Economics, Political Science, Psychology, or Sociology	6
Arts	Anthropology, Art History (101, 102), Classics, Comparative Literature, Drama (102, 149, 247), Economics, English, History, Humanities, Linguistics, Music 100, Philosophy, Political Science, Psychology, Sociology, or a Language other than English (LOE)	6
	TOTAL CORE	39
Major	Senior-level credits	42
Minor	Senior-level credits	18
Options	May include additional major or minor coursework to a maximum of six senior-level credits. With consent, may include a maximum of 12 credits from outside the Faculty of Arts and Science.	21
	TOTAL	120

***Note:** CMPT 310 and CMPT 311 cannot be taken to satisfy core requirements.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. Students typically require a minimum grade of C- to use a course as a prerequisite. Please check course description for more information.

BACHELOR OF SCIENCE – HONOURS INFORMATION

The B.Sc. Honours provides eligible students with the opportunity to pursue more intensive study in psychology, which may be of benefit to students considering graduate studies. The Honours discipline may have limited enrolment and may have additional selection requirements.

GENERAL SELECTION CRITERIA FOR HONOURS DISCIPLINES

For consideration into Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits, applicable to the program of study, with a GPA of 3.0 or better
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six credits completed at the senior-level in the discipline of study
4. A minimum GPA of 3.3 in all senior-level courses in the discipline of study

Students interested in Honours psychology are encouraged to request a Program Check from the Faculty of Arts and Science Program Services Office. Note that entry is competitive; satisfying the minimum requirements may not guarantee admission. For more information and to apply for entry, contact the honours discipline advisor.

HONOURS IN PSYCHOLOGY – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours psychology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level psychology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level psychology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5305 or honourspsyc@macewan.ca.

PROGRAM OF STUDY – HONOURS DISCIPLINES

CORE		Credits
Chemistry or Physics	Biological Sciences or Earth and Planetary Sciences (6 credits from one discipline, courses qualifying for credit must include a laboratory component)	6
Biological or Earth and Planetary Sciences	Chemistry or Physics (6 credits from one discipline, courses qualifying for credit must include a laboratory component)	6
Mathematical Sciences	Mathematics, Statistics, or Computer Science	6
Mathematics	Calculus or Linear Algebra	3
English	Junior-level English (not including ENGL 111 or ENGL 108)	6
Arts	Anthropology, Art History (101, 102), Classics, Comparative Literature, Drama (102, 149, 247), Economics, English, History, Humanities, Linguistics, Music 100, Philosophy, Political Science, Psychology, Sociology, or a Language other than English	6
Social Sciences	Anthropology, Economics, Political Science, Psychology, or Sociology	6
	TOTAL CORE	39
HONOURS SUBJECT	Must be senior-level credits	42
Other Requirements	The 39 credits designated as Other Requirements are comprised of topic related coursework. A minimum of 18 credits of that coursework must be completed outside of the discipline, excluding any credits used to satisfy the core requirements.	39
	TOTAL	120

MAJORS AND MINORS

Faculty and discipline advisors are available to assist the student to plan a program of study that will meet these degree requirements. Refer to MacEwan.ca/Science for specific course requirements for each major and minor.

BIOLOGICAL SCIENCES

MAJOR

The Biology major is a competitive major. Students must complete BIOL 107 and BIOL 108 with no grade lower than C-. Students must also have completed a minimum of one of BIOL 207 or BIOL 208, and be registered in the remaining course during the winter term when declarations close. The number of new seats available in the Biology major will be determined by the Biology department annually. Students will submit their declaration by the Winter term add/drop deadline (the second Friday in January). Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. The applicants with the highest GPA will be admitted to the program first, until no seats remain. Students will be notified of the success or denial of their application to the Biology major no later than February 1.

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Note: Junior-level BIOL 107 and BIOL 108 are required in Year I.

Required Courses – six credits

	Credits
BIOL 207 Principles of Genetics	3
BIOL 208 Principles of Ecology	3

General Requirements – 36 credits

Senior-level biological sciences courses – a minimum of 18 credits must be at the 300- or 400-level; a minimum of six credits must be at the 400-level.

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Note: Junior-level BIOL 107 and BIOL 108 are required in Year I.

Required Courses – three credits from the following:

	Credits
BIOL 207 Principles of Genetics	3
BIOL 208 Principles of Ecology	3

General Requirements – 15 credits

Senior-level biological sciences courses – a minimum of six credits must be at the 300- or 400-level; both BIOL 207 and BIOL 208 may be taken for credit.

CHEMISTRY

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Note: CHEM 101 and CHEM 102 are required for this minor.

General Requirements – 18 credits

Senior-level chemistry courses – a minimum of six credits must be at the 300- or 400-level.

COMPUTER SCIENCE

MAJOR

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Required Courses – nine credits

	Credits
CMPT 200 Data Structures and Their Algorithms	3
CMPT 395 Introduction to Software Engineering	3

Choose three credits (a minimum grade of C- required):

	Credits
CMPT 496 Individual Project	3
CMPT 498 Team Project	3

Required Courses – nine credits from the following:

	Credits
CMPT 201 Practical Programming Methodology	3
CMPT 204 Algorithms I	3
CMPT 229 Computer Organization and Architecture	3
CMPT 250 Introduction to Human Computer Interaction	3
CMPT 291 Introduction to Relational Databases	3

General Requirements – 24 credits

Senior-level computer science courses – a minimum of 12 credits must be at the 300- or 400-level.

MAJOR – SOFTWARE PROFESSIONAL STREAM

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Required Courses – 24 credits

	Credits
CMPT 200 Data Structures and Their Algorithms	3
CMPT 201 Practical Programming Methodology	3
CMPT 204 Algorithms I	3
CMPT 229 Computer Organization and Architecture	3
CMPT 291 Introduction to Relational Databases	3
CMPT 305 Introduction to Object-Oriented Programming	3
CMPT 395 Introduction to Software Engineering	3

400-level CMPT project course (with a minimum grade of C-)

Required Courses – six credits from the following:

	Credits
CMPT 315 Web-Centric Computing and eCommerce	3
CMPT 350 Human Computer Interaction - Interactive Systems	3
CMPT 360 Introduction to Operating Systems	3
CMPT 361 Introduction to Networks	3
CMPT 362 Operating Systems II	3

General Requirements – 12 credits

Senior-level computer science courses.

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Required Course – three credits

	Credits
CMPT 200 Data Structures and Their Algorithms	3

Required Course – three credits from the following:

	Credits
CMPT 201 Practical Programming Methodology	3
CMPT 204 Algorithms I	3
CMPT 291 Introduction to Relational Databases	3

General Requirements – 12 credits

Senior-level computer science courses – a minimum of six credits must be at the 300- or 400-level excluding CMPT 310 and CMPT 311.

EARTH AND PLANETARY SCIENCES

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Note: EASC 101 and either EASC 102 or EASC 103 are required for this minor.

General Requirements – 18 credits

Senior-level earth and planetary sciences courses – a minimum of six credits must be at the 300- or 400-level.

MATHEMATICAL SCIENCES

MAJOR

Total credits required for major = 42 senior-level credits (non-duplicative coursework).

Three disciplines – computer science, mathematics and statistics.

Junior-level required courses CMPT 101 or CMPT 103, MATH 114, MATH 115, MATH 120/125.

Notes:

1. Requirement to choose two of the three as primary disciplines.
2. If any of computer science, mathematics or statistics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.

Primary Discipline Requirements – 36 credits

Three credits at the 300- or 400-level in each primary discipline.

A minimum of 12 credits at the 300- or 400-level in the primary disciplines.

Senior-level courses from the first primary discipline chosen – 18 credits total.

Senior-level courses from the second primary discipline chosen – 18 credits total.

If mathematics is a primary discipline – STAT 265 may be used to fulfill this requirement.

General Requirements – six credits

Senior-level mathematical sciences courses.

MATHEMATICS

MAJOR

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Junior-level required courses CMPT 101 or CMPT 103, MATH 114, MATH 115 and MATH 120 or MATH 125.

Required Course – three credits from the following:

	Credits
MATH 200 Fundamental Concepts of Mathematics	3
MATH 241 Geometry	3

Required Courses – 15 credits

	Credits
MATH 214 Intermediate Calculus I	3
MATH 215 Intermediate Calculus II	3
MATH 225 Linear Algebra II	3
MATH 310 Real Analysis	3
MATH 330 Ordinary Differential Equations	3

General Requirements – 24 credits

Senior-level mathematics courses – a minimum of six credits must be at the 400-level. STAT 265 may be used to fulfill this requirement.

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Junior-level required courses MATH 114, MATH 115 and MATH 120 or MATH 125.

General Requirements – 18 credits

Senior-level Mathematics courses – a minimum of six credits must be at the 300- or 400-level. STAT 265 may be used to fulfill this requirement.

PHYSICAL SCIENCES

MAJOR

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Three disciplines – chemistry, earth and planetary sciences, physics.

Junior-level required courses CHEM 101 and 102; two of EASC 101, 102, 103; PHYS 124 and 126 or 144 and 146.

Notes:

1. Requirement to choose two of the three as primary disciplines.
2. If any of chemistry, earth and planetary sciences or physics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.
3. MATH 114 is a prerequisite for most 200-level PHYS courses. Students are advised to take MATH 114 in the first year of their program.

Primary Discipline Requirements – 36 credits

Three credits at the 300- or 400-level in each primary discipline.

A minimum of 12 credits at the 300- or 400-level in the primary disciplines.

Senior-level courses from the first primary discipline chosen – 18 credits total.

Senior-level courses from the second primary discipline chosen – 18 credits total.

General Requirements – six credits

Senior-level physical sciences courses in the third discipline.

PHYSICS

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Note: PHYS 124 and 126 or PHYS 144 and 146 are required for this minor.

Required Courses – six credits from the following:

	Credits
PHYS 200 Introduction to Relativity	3
PHYS 208 Quantum Aspects of Physics	3
PHYS 224 Fluids and Heat	3
PHYS 244 Mechanics	3

General Requirements – 12 credits

Senior-level physics courses – a minimum of six credits at the 300- or 400-level.

PSYCHOLOGY

MAJOR

Total credits required for major = 42 senior-level credits (non-duplicative coursework)

Psychology is a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161, and one 200-level PSYC class with no grade lower than C- in any of them. They must also either have completed or be enrolled in PSYC 212 during the winter term when the declarations close. They will be ranked by their AGPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

For more information, go to MacEwan.ca/Science > Current Students > How do I declare my major?

Required Course – three credits

	Credits
PSYC 212 Introduction to Research Methods in Psychology	3

Required Courses – nine credits from the following:

	Credits
PSYC 258 Cognitive Psychology	3
PSYC 267 Perception	3
PSYC 275 Brain and Behaviour	3
PSYC 281 Principles of Behaviour	3

General Requirements – 30 credits

Senior-level psychology courses – a minimum of 12 credits at the 300- or 400-level.

MINOR

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Junior-level required courses PSYC 104 and PSYC 105.

Required Courses – three credits from the following:

	Credits
PSYC 223 Developmental Psychology	3
PSYC 233 Personality	3
PSYC 241 Social Psychology	3
PSYC 258 Cognitive Psychology	3

Required Courses – three credits from the following:

	Credits
PSYC 267 Perception	3
PSYC 275 Brain and Behaviour	3
PSYC 281 Principles of Behaviour	3

General Requirements – 12 credits

Senior-level psychology courses – a minimum of six credits must be at the 300- or 400- level.

HONOURS**Required Course – three credits**

	Credits
PSYC 212 Introduction to Research Methods in Psychology	3

Required Courses – nine credits from the following:

	Credits
PSYC 258 Cognitive Psychology	3
PSYC 267 Perception	3
PSYC 275 Brain and Behaviour	3
PSYC 281 Principles of Behaviour	3

General Requirements – 30 credits

30 credits in senior-level psychology courses

Other Requirements – 39 credits

	Credits
PSYC 312 Advanced Research Methods	3
PSYC 400 Psychology Senior Seminar	3
PSYC 499A Honours Thesis I	3
PSYC 499B Honours Thesis II	3

Approved Honours Options (nine credits) – chosen in consultation with Honours psychology advisor.

Courses Outside the Discipline (18 credits) – chosen in consultation with Honours psychology advisor. May include STAT 252.

STATISTICS**MINOR**

Total credits required for minor = 18 senior-level credits (non-duplicative coursework)

Junior-level required courses MATH 114 and MATH 115.

Required Courses – six credits with a minimum grade of C-

	Credits
STAT 265 Probability Theory	3
STAT 266 Mathematical Statistics	3

General Requirements – 12 credits

Senior-level statistics courses – a minimum of six credits must be at the 300- or 400-level.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS

As part of the academic residency regulation requirement noted in Policy C2100, Bachelor of Science students must complete:

- A minimum of 24 credits in a major at the senior-level, with six of those senior credits completed at the 300- or 400-level.
- A minimum of nine credits in a minor at the senior-level, with three of those senior credits completed at the 300- or 400-level.

CORE REQUIREMENTS

Courses that satisfy the core requirements are normally taken at the junior-level. Students are advised to complete their core requirements in the first and second years of their program.

DECLARATION OF A MAJOR AND MINOR

Students are advised to declare a major and minor by the time they have completed 45 credits. The major and minor cannot be in the same discipline. Students are strongly encouraged to consult with a program advisor in the B.Sc. program and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so. Honours students do not declare a minor (see Degree Regulations – Honours).

GRADUATION GRADE POINT AVERAGE

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major and a minimum GPA of 2.0 on all courses credited toward the minor.

GRADUATION REQUIREMENTS

Graduation requirements are governed by the date on which a student declares their major and minor. Students who declare their major and minor up to and including March 1 are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the academic calendar.

JUNIOR- AND SENIOR-LEVEL COURSES

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

MAXIMUM JUNIOR-LEVEL COURSES

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

MINIMUM SCIENCE COURSES

A minimum of 72 total credits from Science courses must be successfully completed.

MINIMUM PASSING GRADE

A minimum grade of D is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study. A maximum of six credits with a final grade of D or D+ are permitted in courses credited toward the major.

MINIMUM TRANSFER GRADE FOR CREDIT

A minimum grade of D is required on any transfer credit granted for the program. Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed (see Policies C2010 and E3103).

OPTIONS REQUIREMENTS

Courses in the degree options may include additional major and/or minor coursework within the discipline of study to a maximum of six senior-level credits. With the exception of out-of-faculty minors, degree options may include a maximum of 12 credits from courses offered by a faculty other than Arts and Science. Students completing an out-of-faculty minor must complete their 21 credits of degree options from courses offered within the Faculty of Arts and Science.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

ADDITIONAL DEGREE REGULATIONS – HONOURS**COURSE LOAD**

Students accepted into an Honours program must complete 30-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur in the last year of the program with the approval of the Honours discipline advisor.

GRADE POINT AVERAGE

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 in all courses taken in the Honours discipline of study for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a major in the previous honours discipline.

ACADEMIC STANDING

Further to the Academic Standing Policy above, students accepted and enrolled in the Science Honours program must maintain a minimum cumulative GPA of 3.0 and a minimum GPA of 3.3 in all courses within the Honours discipline of study for the period of review. Failure to do so will result in the student's program status reverting to a major in the previous honours discipline.

GRADUATION GRADE POINT AVERAGE

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours discipline of study.

OTHER REQUIREMENTS

Students accepted into an Honours program are permitted to take 39 credits designated as other requirements that are made up of topic-related coursework. A minimum of 18 credits of that coursework must be completed outside the Honours discipline of study, and excludes any credits used to satisfy the core requirements. Other requirements may include a maximum of 12 credits from courses offered by a faculty other than Arts and Science.

SUBSEQUENT BACCALAUREATE

In addition to meeting the degree regulations listed above, students who already hold a baccalaureate degree must satisfy the provisions of Policy C2000, Subsequent Baccalaureate Credential.

CONTACT INFORMATION

T: 780-497-4505

E: artsandscience@macewan.ca

BACHELOR OF SCIENCE IN NURSING

Faculty of Nursing
Department of Nursing Science
MacEwan.ca/Nursing

Consistent with the philosophy of Dr. J.W. Grant MacEwan, MacEwan University's Bachelor of Science in Nursing (BScN) program holds the values of respect, compassion, leadership, scholarship and accountability. The BScN program is designed to prepare graduates who are committed to excellence in professional practice and who contribute to the health and well-being of individuals, families, communities and society. Throughout the program students acquire knowledge, skills and attributes to ready themselves for safe, compassionate, evidence-informed, competent and ethical nursing practice.

MacEwan University's BScN program is a rigorous, four-year program designed to introduce, expand and sequentially integrate knowledge, concepts and theories. Our approach to learning promotes the retention and application of in-depth knowledge and diverse skills. The program is delivered through contextual and experiential learning in classroom, laboratory and practice settings. Theoretical knowledge is attained from the disciplines of nursing, arts, sciences and humanities. Knowledge and competencies for nursing research, education and leadership roles are encompassed within the program. BScN graduates are eligible to write the NCLEX – RN Canadian Registered Nurse Examination.

CAREER POTENTIAL

The profession of registered nursing offers a highly challenging and deeply rewarding career for dedicated individuals. Registered nurses play a vital role within complex and changing health systems. MacEwan University's BScN graduates attain knowledge, skills, and other professional attributes to practice in diverse settings including tertiary, community and continuing care.

TRANSFERABILITY

The four-year Bachelor of Science in Nursing degree is fully delivered through MacEwan University. All courses completed for the Bachelor of Science in Nursing degree are baccalaureate credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31
5. One Group A, B, or C course

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the academic calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have had one unsatisfactory academic record must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants are required to submit: a current, clear Security Clearance for working with vulnerable populations by the academic document deadline. Having a pardon in progress does not meet the admission requirement for a clear security clearance.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

PROGRAM OF STUDY

YEAR I

		Credits	Min. Grade
Term I			
English	University-level English excluding ENGL 111	3	C-
HLSC 120	Human Anatomy	3	C-
HLSC 126	Human Physiology I	3	C-
HLST 152	Foundations in Health	3	C-
NURS 170	The Discipline of Nursing	4	C-

Term II

		Credits	Min. Grade
HLSC 124	Microbiology for Health Professionals	3	C-
HLSC 128	Human Physiology II	3	C-
HLST 154	Professional Communication	3	C-
NURS 175	Nursing Practice Foundations	5	C-
PSYC 104	Introductory Psychology I	3	C-

Term III

		Credits	Min. Grade
PSYC 105	Introductory Psychology II	3	C-

YEAR II

		Credits	Min. Grade
Term I			
HLSC 220	Pharmacotherapeutics for Health Professionals	3	C-
HLSC 222	Alterations in Health Across the Lifespan	3	C-
NURS 252	Health Assessment Across the Lifespan	4	C-
NURS 270	Nursing Care Across the Lifespan	4	C-
NURS 272	Mental Health Nursing	3	C-

Term II

		Credits	Min. Grade
NURS 275	Nursing Practice I Across the Lifespan	5	C-
NURS 277	Nursing Practice II Across the Lifespan	5	C-
NURS 279	Nursing Practice: Mental Health Nursing	5	C-

Term III

		Credits	Min. Grade
STAT 151	Introduction to Applied Statistics	3	C-

YEAR III

		Credits	Min. Grade
Term I			
HLST 354	Healthy Populations	3	C-
NURS 344	Fundamentals of Nursing Research	3	C-
NURS 370	Nursing Care of the Acutely Ill Across the Lifespan	4	C-
NURS 372	Nursing Care of Families with Young Children	4	C-
	Open Elective	3	C-

		Credits	Min. Grade
Term II			
NURS 375	Nursing Practice: Nursing Care of Acutely Ill Across the Lifespan	5	C-
NURS 377	Nursing Practice: Nursing in the Community	5	C-
NURS 379	Nursing Practice: Nursing Care of Families with Young Children	5	C-

YEAR IV

		Credits	Min. Grade
Term I			
NURS 472	Leadership in Nursing	3	C-
NURS 474	Future Directions in Nursing	3	C-
PHIL 386	Philosophy and Health Care	3	C-
	Senior Elective	3	C-
	Senior Nursing Elective	3	C-

		Credits	Min. Grade
Term II			
NURS 479	Nursing Practice: Professional Roles Influencing Care	5	C-
NURS 489	Nursing Practice: Preceptorship	9	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM TIME LIMIT – EXEMPTION

A student in the Bachelor of Science in Nursing degree has six years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing degree requirements at MacEwan University.

ENGLISH REQUIREMENT

A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for Year 2; completion of ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for the BScN.

ELECTIVE REQUIREMENTS

The Open Elective (100 to 400 level) and Senior Elective (200 to 400 level) are university-level theory courses excluding subject code NURS that extend knowledge within an area of interest. The Open Elective may also be chosen to satisfy a prerequisite requirement for a senior elective. The Senior Nursing Elective is a 300 or 400 university-level NURS course that extends nursing knowledge in an area of interest.

PROGRESSION OF STUDIES

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with policy C2070 Academic Standing, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

PROFESSIONAL CODE OF CONDUCT

Students must adhere to the Canadian Nurses Association Code of Ethics, the professional code of conduct and the confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

REGULATIONS GOVERNING CLINICAL COURSES

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcomes. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students cannot be in attendance at clinical agencies as a MacEwan University nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical and/or nursing practice placements.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with policy C2060 Work Integrated Learning, the University reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with concurrence of the Dean, the student will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the student will not be permitted to remain in the clinical placement during the appeal.

SECURITY CLEARANCE

A current, clear security clearance/police information check (PIC) for working with vulnerable populations is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the academic document deadline. Having a pardon in progress does not meet the admission requirement for a clear security clearance.

Students are responsible for obtaining a security clearance check/PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose security clearance/PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

PROGRAM STANDARDS

Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (policy E3400, Students with Disabilities).

IMMUNIZATION STATUS

Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Students must be able to meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrollment in the program.

N95 MASK

Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

BASIC LIFE SUPPORT CERTIFICATION

A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to the start of all clinical placements. The BLS certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). BLS certification must be updated every 12 months to meet this requirement, with no grace period provided for the clinical courses.

AGENCY-SPECIFIC CERTIFICATIONS

Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

CONTACT INFORMATION

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E: nurseinfo@macewan.ca

BACHELOR OF SOCIAL WORK

*Faculty of Health and Community Studies
School of Social Work*

MacEwan.ca/BSW

The Bachelor of Social Work program provides 3rd and 4th year undergraduate degree studies and will be of interest to Alberta Social Work diploma graduates and other students who have completed 60 university Arts and Science credits. The School of Social Work offers transformative, collaborative and supportive education to prepare students for leadership roles in meeting the social justice mandate of the profession of social work, which seeks to ameliorate inequality and advocates for inclusivity, diversity and human rights, at local, national and international levels. Students learn from faculty who are engaged in research, blended learning and all areas of social work practice.

Unique to this degree is the focus on sustainability — how social, environmental and economic issues interrelate, and how we fit into the larger community. Students have the opportunity to focus their studies around a number of themes, including working with children and families, working with Indigenous people, health and mental health, and community social work practice.

CAREER POTENTIAL

Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates will have strong critical thinking skills and be prepared to work in a wide and diverse range of settings, making valuable contributions to the health and safety of children and families, supporting the development of a vibrant and healthy workforce, and providing leadership in the area of social and environmental sustainability.

TRANSFERABILITY

All courses completed for the Bachelor of Social Work degree are credit courses and may be individually transferable toward further study at other post-secondary institutions. Graduates are eligible to apply for Master of Social Work programs and should research the program of study and transfer policies at the institution they wish to attend to ensure compliance with admission and graduation requirements.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have completed MacEwan University's Social Work Diploma (or equivalent) with a minimum AGPA of 2.5.

OR

- b) Applicants must have completed 60 University level credits with a minimum AGPA of 2.5 and must have completed the following courses:

- ENGL 102 and ENGL 103 (or equivalent) with a minimum grade of C-.
- SOWK 240: Introduction to Social Work and Social Welfare (or equivalent) with a minimum grade of C-.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit the following to be assessed by faculty from the School of Social Work:

- A resume and personal/professional profile
- Evidence of a minimum 70 hours of relevant volunteer/work experience within the last two years.

Social Work diploma holders from Alberta institutions other than MacEwan are required to submit 2 letters of reference:

1. One from the Social Work program, and
2. One letter of reference from the applicant's most recent field agency supervisor or related employment, if working in the field.

All other applicants are required to submit the following 3 letters of reference:

1. One from a related volunteer or work experience,
2. One academic reference, and
3. One additional reference.

Applicable to all admission categories

Conditionally accepted applicants are required to submit a current (no older than 3 months) Police Information Check with no criminal charges or convictions or show evidence of having applied for a pardon and no open youth record. As well, conditionally accepted applicants are required to submit an Alberta Children's Services Intervention form.

**PROGRAM OF STUDY –
SOCIAL WORK POST-DIPLOMA**

YEAR III

Term I Credits

SOWK 302	Indigenous Knowledge: Contributions to Sustainable Social Work Practice	3
SOWK 303	Social Work and Sustainability Arts and Science Electives (3)	9

Term II Credits

SOWK 310	Social Work and Intercultural Practice	3
SOWK 311	Critical Thinking and Social Work Research Methods	3
SOWK 3XX	Social Work Option Arts and Science Electives (2)	6

YEAR IV

Term III Credits

SOWK 403	Leadership in Human Service Organizations	3
SOWK 4XX	Social Work Option	3
SOWK 4XX	Social Work Option Arts and Science Electives (2)	6

Term IV Credits

Choose one of SOWK 410, 411, 412 or 413:		
SOWK 410	Advanced Social Work Practice with Children and Families	3
SOWK 411	Advanced Social Work Practice with Indigenous Peoples	
SOWK 412	Advanced Social Work Practice with Communities	
SOWK 413	Advanced Practice in Health and Mental Health Settings	
SOWK 4XX	Social Work Option	3
SOWK 450	Field Practicum (400 hours)	8
SOWK 451	Field Practicum Seminar	1

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

**PROGRAM OF STUDY –
UNIVERSITY CREDIT TRANSFER**

YEAR III

Term I Credits

SOWK 301	Introduction to Social Work Ideology and Ethics	3
SOWK 302	Indigenous Knowledge: Contributions to Sustainable Social Work Practice	3
SOWK 303	Social Work and Sustainability	3
SOWK 304	Human Development and the Environment	3
SOWK 305	Social Work Practice with Individuals and Families	3

Term II Credits

SOWK 310	Social Work and Intercultural Practice	3
SOWK 311	Critical Thinking and Social Work Research Methods	3
SOWK 312	Social Policy	3
SOWK 350	Field Practicum (300 hours)	5
SOWK 351	Field Practicum Seminar	1

YEAR IV

Term III Credits

SOWK 401	Introduction to Social Work with Communities	3
SOWK 402	Social Work with Groups	3
SOWK 403	Leadership in Human Service Organizations	3
SOWK 4XX	Social Work Option	3
SOWK 4XX	Social Work Option	3

Term IV Credits

Choose one of SOWK 410, 411, 412 or 413:		
SOWK 410	Advanced Social Work Practice with Children and Families	3
SOWK 411	Advanced Social Work Practice with Indigenous Peoples	
SOWK 412	Advanced Social Work Practice with Communities	
SOWK 413	Advanced Practice in Health and Mental Health Settings	
SOWK 4XX	Social Work Option	3
SOWK 450	Field Practicum (400 hours)	8
SOWK 451	Field Practicum Seminar	1

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing degree requirements at MacEwan University.

PROGRESSION OF STUDIES

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

PROFESSIONAL CODE OF CONDUCT

MacEwan University requires all students to conduct themselves in accordance with University policies, regulations and procedures to uphold the learning environment and to promote student success. In addition, students must adhere to the Canadian College of Social Workers Code of Ethics and the confidentiality agreements signed with MacEwan University and field practicum/other agencies.

POLICE INFORMATION CHECK

Students must meet the specific police information check (PIC) requirement, as set out in the admission criteria, for the duration of the program or they may be required to withdraw from the program.

FIELD PRACTICUM

Students will be assigned field practicum placements based on availability, student interest and agency input. Information regarding field practicum arrangements is available from the BSW field placement coordinator.

It is expected that students will be in practicum for a specific number of hours each week for the duration of their scheduled term. Since the practicum represents a significant time commitment, students are expected to plan accordingly and arrange to dedicate the number of hours required to complete their practicum within the registered term.

Failure in a practicum indicates serious concern about a student's ability to practice social work, and students who fail a field practicum need the permission of the program to repeat the practicum. Students who are asked to leave their field practicum will be normally assigned a failing grade of 'F'. Where there is clear concern about a student's professional suitability evident in a field practicum, a student may be asked to withdraw from the Bachelor of Social Work program by the Chair of the School of Social Work.

AGENCY-SPECIFIC REQUIREMENTS

Students must be able to meet requirements for immunizations prior to the start of all practicum courses if required by their field placement agency. Students may be required to complete additional agency-specific certifications as a prerequisite for practicum experiences.

CONTACT INFORMATION

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APPLIED DEGREE PROGRAMS

Bachelor of Applied Business Administration – Accounting.....	118
Bachelor of Applied Communications in Professional Writing (suspended).....	120

BACHELOR OF APPLIED BUSINESS ADMINISTRATION – ACCOUNTING

School of Business

MacEwan.ca/BABA

The Bachelor of Applied Business Administration – Accounting prepares students for careers in accounting and industry-related professions. This applied degree is completed after an accounting diploma, so students who have graduated from programs like MacEwan University’s Accounting and Strategic Measurement diploma possess the right entrance credential. The accountant’s role is changing, demanding that graduates think strategically, view business from more than a financial perspective and develop a modern, whole-business picture.

The applied degree combines professional accounting studies with extensive learning and practice cycles in the workplace. Preparation for entry into the applied degree is completed in programs like MacEwan University’s Accounting and Strategic Measurement diploma (or equivalent from another recognized post-secondary institution that includes the prerequisite courses). The first year of this credential is comprised of advanced accounting study that builds upon the knowledge and skills gained in previous post-secondary education. The second year is when all directed field studies take place. This component of the program of study is where students explore real business issues by conducting both practical and academic research while working. The combination of classroom instruction with one year of mentored studies in industry prepares students for immediate success in the workplace.

This program is targeted to students who are seeking high-level careers as accountants. Successful students are self-motivated and possess strong oral and written communication skills. Critical thinking and problem-solving skills are essential, as is the ability to work in a team environment. Students must have the ability to synthesize and analyze information and be comfortable in a technology-enhanced environment.

This program requires that students use a laptop computer for many classes. For information on the laptop hardware and software requirements, contact the program’s advisor.

CAREER POTENTIAL

This applied degree is recognized by the CPA designation as meeting its degree requirements, as well as prerequisite subject area requirements.

The applied degree is intended to educate and train students for careers as accountants.

Graduates find jobs as accountants, cost analysts, payroll accountants, or supervisors in related areas. They also enjoy job opportunities at different levels in financial accounting, internal auditing, financial analysis, cost accounting, public accounting firms and government departments. Graduates work in a variety of environments such as government, industry, accounting firms, banks, hospitals and consulting firms.

TRANSFERABILITY

All courses completed for the Bachelor of Applied Business Administration–Accounting degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course and applied degree transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Individual courses are also recognized by the only professional designation in Canada – Chartered Professional Accountants (CPA). Refer to www.albertaaccountants.org for more information.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a recognized Accounting and Strategic Measurement diploma (or equivalent) with a minimum Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale.
OR

Applicants must have successfully completed a minimum of 60 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale.

AND

Successful completion of the following MacEwan University courses (or equivalents):

1. ACCT 261 Financial Accounting IV
2. ACCT 318 Management Accounting III
3. LEGL 210 Business Law I
4. ACCT 275 Accounting Information Systems
5. ACCT 162 Practical Tax Applications
6. Six credits of post-secondary English

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR III

Term V

	Credits
ACCT 350 Audit	3
ACCT 358 Advanced Management Accounting	3
ACCT 370 Directed Field Study Seminar	3
ACCT 410 Financial Accounting - Advanced	3
ECON 102 Introduction to Macroeconomics	3

Term VI

	Credits
ACCT 391 Accounting Theory	3
ACCT 353 Leadership and Ethics	3

Options – Choose Three From:

MGTS 352 Operations Management	3
ACCT 390 Advanced Audit	3
ACCT 328 Income Tax Fundamentals	3
ACCT 395 Advanced Finance	3
ACCT 366 Acct for Gov't & Non-for-Profit Entities	3

YEAR IV

Term VII

	Credits
ACCT 371 Directed Field Study I	3
ACCT 372 Directed Field Study II	3
ACCT 373 Directed Field Study III	3
ACCT 374 Directed Field Study IV	3
ACCT 493 Integrated Case Studies	3

Term VIII

	Credits
ACCT 375 Directed Field Study V	3
ACCT 376 Directed Field Study VI	3
ACCT 377 Directed Field Study VII	3
ACCT 378 Directed Field Study VIII	3
ACCT 398 Strategic Management	3

CONTACT INFORMATION

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BACHELOR OF APPLIED HUMAN SERVICE ADMINISTRATION

Faculty of Health and Community Studies
Department of Human Services and Early Learning
MacEwan.ca/HSA

Bachelor of Applied Human Service Administration (BAHSA) is a distance-delivered program designed for individuals working in the health or human service field who hold, or strive to hold, supervisory or management positions. Distance study makes the program accessible to students regardless of geographic location and provides the flexibility to balance studies with professional and family responsibilities. Students access their course material and readings online and become part of a virtual community of learners. Faculty guide student learning through online class discussions and activities.

The curriculum includes theory in administration, with an emphasis on leadership, supervision and management. Studies include human, financial and physical resource management, managing change, communication, community-based practice, research practices and trend and issue analysis. Assignments are practical in nature and generally involve the application of theory to the student's workplace. Building on a previous diploma or degree, the program consists of ten 3-credit theory courses and two 15-credit directed field studies. Students may complete the directed field studies in their current workplace or in an appropriate agency. Study may be full or part-time. Students have six years to complete the program; however, it may be completed in as little as three years.

CAREER POTENTIAL

BAHSA graduates are employed in managerial roles in a wide variety of agencies including early learning, child and youth care, community living, human ecology, addictions, corrections, social work, rehabilitation, non-profit/voluntary sector, health care, gerontology and related fields. BAHSA graduates have the knowledge, management skills and confidence to manage a dynamic staff of practitioners, work with boards, be an effective human service leader, and still serve the clients and families at the heart of their organization.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

Graduates from a two-year diploma in a human service or related field may be eligible for admission to the Bachelor of Applied Human Services Administration program. These include MacEwan University diplomas such as Child and Youth Care, Early Learning and Child Care, Social Work, and Police and Investigations. Students are advised to consult a program advisor in the Bachelor of Applied Human Services Administration program for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Bachelor of Applied Human Service program are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Students presenting a completed applied degree in this program may be eligible for further study, including graduate programs, at Canadian colleges and universities. For further information about these study options, contact an advisor.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have: a two-year diploma or a minimum of 60 credits from a recognized post-secondary institution with an Admission Grade Point Average (AGPA) of 2.0 or better on a 4.0 scale with a minimum grade of C- in MacEwan University's ENGL 111 or equivalent.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR III		Credits
HSAD 300	The Human Service Administrator	3
HSAD 305	Interpersonal Communication Skills for Human Service Administrators	3
HSAD 310	Managing Human Resources	3
HSAD 315	Managing Financial Resources in Human Service Agencies	3
HSAD 325	Research Practices in Human Service	3
HSAD 330	Managing Physical Resources in Human Service Agencies	3
HSAD 335	Managing Change in Human Service Agencies	3
HSAD 345	Community-Based Practice in Human Service Agencies	3
HSAD 350	Trends and Issues in Human Service Administration	3
	Elective	3
YEAR IV		Credits
HSAD 459	Directed Field Study in Human Service Administration I	15
HSAD 499	Directed Field Study in Human Service Administration II	15

CONTACT INFORMATION

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The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.



POST-DIPLOMA CERTIFICATE PROGRAMS

Cardiac Nursing Post-Basic Certificate	123
Perioperative Nursing for Registered Nurses	124
Post-Basic Nursing Practice	126
Wound Management Post-basic Certificate	127

CARDIAC NURSING POST-BASIC CERTIFICATE

*Faculty of Nursing
Centre for Professional Nursing Education*
MacEwan.ca/CardiacNursing

The Cardiac Nursing Post-basic certificate is intended for experienced nurses who are currently working in cardiac sciences, as well as for those who have an interest in caring for the cardiac population. The program provides registered nurses with the specialty knowledge and expertise required to work with patients with or at risk for cardiac disease. The entire patient journey is addressed, including health promotion, disease prevention, management of acute episodes and chronic conditions, rehabilitation and palliation. The program prepares cardiac nurses to provide care to individual families, groups, communities and populations in a variety of settings in both urban and rural environments.

Online delivery courses offer mature learners the flexibility to balance their studies with professional commitments and family responsibilities.

CAREER POTENTIAL

A broad spectrum of employment opportunities are available for qualified cardiac nurses. Graduates work in emergency departments, coronary care units, medical units, diagnostic imaging centres, rehabilitation settings, research areas and out-patient units. Because nurses have contact with cardiac patients in a myriad of settings, they are strategically positioned to confront cardiac disease and to educate patients and their families about the disease and its treatment.

CATEGORIES OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must present a Nursing diploma or degree and be actively registered in Canada as a Registered Nurse or Graduate Nurse with a practice permit and eligibility to write the Canadian Registered Nurse Exam (CRNE) or licensed as a nurse in another country, and have received a practice permit from their professional jurisdiction.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must present a current Basic Life Support for Health Care Providers Level C certificate.

PROGRAM OF STUDY

		Credits	Min Gr.
PBNS 465	Pathophysiology of Cardiac Disorders	3	C-
PBNS 466	Focused Assessment of Cardiac Function	3	C-
PBNS 467	Management of Cardiac Disorders	3	C-
PBNS 468	Care of the Cardiac Surgical Patient	4	C-
PBNS 469	Advanced Management of Cardiac Disorders	4	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

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PERIOPERATIVE NURSING FOR REGISTERED NURSES

*Faculty of Nursing
Centre for Professional Nursing Education*
MacEwan.ca/PeriopRN

Nurses in the perioperative field provide care and support to patients before, during and after surgery. Ultimately, nurses are responsible for maintaining a sterile environment in the operating room, monitoring the patient during surgery and coordinating care throughout the process.

The courses, offered via online distance delivery and classroom lab, provide registered nurses with the fundamental skills required to work alongside surgeons and other health care professionals in a challenging, fast-paced and team-oriented environment – the operating room.

Students in the Perioperative Nursing for Registered Nurses program come with a diverse base of expertise, from new graduates to seasoned generalists, seeking a new challenge and direction in nursing. Upon successful completion of the program and fulfillment of the clinical hours, nurses are eligible to write the Canadian Nurses Association certification for nursing specialties exam in perioperative nursing.

CAREER POTENTIAL

Due to an aging workforce and the growing demand for health care, the need for nurses in the specialty of perioperative nursing has never been stronger.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be actively registered in Canada as a Registered Nurse or a graduate nurse with a practice permit and eligibility to write National Council Licensure Examination for Registered Nurses (NCLEX).

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

		Credits	Min Gr.
PBNS 401	Foundations of Perioperative Nursing Practice	2	C+
PBNS 402	Concepts of Anesthesia Within Perioperative Nursing	2	C+
PBNS 403	Perioperative Nursing in the Preoperative, Intraoperative and Postoperative Environment	4	C+
PBNS 404	Fundamentals of Perioperative Techniques	2	C+
PBNS 405	Perioperative Clinical Preceptorship	8	CR

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY – EXEMPTION

A student in the Perioperative Nursing for Registered Nurses program must complete at least 44 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 44 per cent.

PROGRAM GRADUATION REGULATIONS

Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Code of Conduct

Students must adhere to the Canadian Nurses Association Code of Ethics, the professional code of conduct and the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evening, nights and weekends.

Students must start their clinical placement within a four month period of completing the clinical skills lab. If more than four months have lapsed since their successful completion of the clinical skills lab, students will be required to repeat the clinical skills lab to ensure currency of skills prior to stating the clinical placement.

In order to secure a clinical placement, the program requires all students to do the following:

- Complete a Personal Information Disclosure Authorization Form so that the Program may forward the student's name to the clinical placement site.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and/or preference, all students shall accept that labour market conditions are variable and beyond the Program's control.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative.

Students are fully responsible for obtaining required licences and/or permits prior to commencing a clinical placement.

Once a placement is accepted by the student, the student shall remain at the clinical placement site for the entirety of the placement. Days missed due to illness and extenuating circumstance will need to be made up.

Security Clearance

A current clear security clearance for working with vulnerable populations is required prior to starting the clinical course.

Health Status

Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. Policy E3400, Student with Disabilities, states that students are "presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required".

Immunization Status

Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

N 95 Mask

Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

CONTACT INFORMATION

University Advisor

T: 780-497-5188

Toll-free: 1-888-497-9390

E: cpne@macewan.ca

POST-BASIC NURSING PRACTICE

Note: Not accepting applications at this time.

*Faculty of Nursing
Centre for Professional Nursing Education*

MacEwan.ca/PostBasic

As our population continues to age, the demand for nurses qualified to work with both the elderly and the terminally ill will increase. MacEwan University's Post-basic Nursing Practice certificate meets this demand as it combines the common skill sets necessary for practice in the areas of gerontology or hospice palliative care. Through innovative distance education strategies, this 18-credit program challenges nurses to apply their compassion, dedication, leadership and knowledge to end-of-life care populations. Evidence-based theoretical foundations guide students to best practices in palliative care and gerontological nursing. The program also prepares nurses to write the Canadian Nurses Association gerontological or hospice palliative care certification examinations and contributes to the ongoing educational competency expectations of provincial associations.

CAREER POTENTIAL

The global nursing shortage has created unprecedented career opportunities for nurses who specialize in their practice. Graduates are prepared for rewarding careers in their pursuit of excellence in a variety of acute care, continuing care, hospice or community practice settings. Nurses enrolled in the certificate build increased knowledge and skill in the physical, social, emotional and spiritual domains of specialized client care.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse, Registered Practical Nurse

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

GERONTOLOGY MAJOR

		Credits	Min. Gr
NURS 475	Ethics in Gerontology and Palliative Care	2	C-
NURS 476	Leadership in Care Management	2	C-
NURS 477	Therapeutic Relations in Specialty Practice	3	C-
NURS 478	Field Project	1	C-
NURS 480	Conceptualizing Gerontology	2	C-
NURS 481	Optimizing Older Adult Health	4	C-
NURS 482	Dementia Care in the Elderly	4	C-

HOSPICE PALLIATIVE CARE MAJOR

		Credits	Min. Gr
NURS 475	Ethics in Gerontology and Palliative Care	2	C-
NURS 476	Leadership in Care Management	2	C-
NURS 477	Therapeutic Relations in Specialty Practice	3	C-
NURS 478	Field Project	1	C-
NURS 483	Conceptualizing Hospice Palliative Care	2	C-
NURS 484	Pain Assessment and Management	4	C-
NURS 485	Palliative Symptoms	4	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

ACTIVE REGISTERED NURSE LICENSE

Students must meet the specific Registered Nurse requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5188

Toll-free: 1-888-497-9390

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WOUND MANAGEMENT POST-BASIC CERTIFICATE

*Faculty of Nursing
Centre for Professional Nursing Education*
MacEwan.ca/Wound

The Wound Management Post-basic certificate provides health care practitioners with the specialty knowledge and expertise required to work in a practice setting with patients who have complex wounds resulting from a variety of disease pathologies and factors. The focus of the program is on the management of all complex wounds, but some emphasis is placed on certain populations that are at greater risk to develop wounds.

Prevention of the exacerbation of wounds is covered throughout the program. It is part of a standardized approach to wound management involving all members of an interdisciplinary wound management team.

Distance delivery courses offer mature learners the flexibility to balance their studies with professional commitments and family responsibilities. The program is offered via online distance delivery. Labs are presented live over the internet.

CAREER POTENTIAL

As the population ages and produces a higher number of patients at risk for developing complex wounds, there is an increase in demand for health care practitioners skilled in complex wound management.

CATEGORIES OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have, at minimum, a diploma in a health-related discipline (e.g. nursing, occupational therapy, physiotherapy, pharmacy, dietetics).

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must have a minimum of two years work experience in a health-related discipline.

PROGRAM OF STUDY

		Credits	Min. Gr.
HLST 350	Principles of Wound Assessment and Management	3	C-
HLST 351	Management of Chronic and Problem Acute Wounds	3	C-
HLST 352	Wound Management Clinical	3	C-
HLST 353	Drains, Fistulas, Peristomal	3	C-
HLST 355	Vascular Assessment	3	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Code of Conduct

Students must adhere to their professional code of conduct and the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evenings, nights and weekends.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and or preference, all students shall accept that labour market conditions are variable and beyond the Program's control.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative.

Students are fully responsible for obtaining required licenses and/or permit prior to commencing a clinical placement.

Security Clearance

A current clear security clearance for working with vulnerable populations is required prior to starting the clinical course.

Health Status

Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. Policy E3400, Student with Disabilities, states that students are “presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required”.

Immunization Status

Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

N 95 Mask

Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

CONTACT INFORMATION

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UNIVERSITY TRANSFER

Bachelor of Physical Education Transfer	130
Bachelor of Science in Engineering Transfer	132

BACHELOR OF PHYSICAL EDUCATION TRANSFER

*Faculty of Health and Community Studies
Department of Allied Health and Human Performance*
MacEwan.ca/PhysEd

The Bachelor of Physical Education Transfer program offers first and second-year courses that may be used toward obtaining a Bachelor of Kinesiology, a Bachelor of Science in Kinesiology, or a five-year combined Bachelor of Kinesiology/Bachelor of Education degree offered at the University of Alberta. MacEwan University offers the required first and second-year courses for these programs.

MacEwan University offers a student-centred focus in the delivery of the program by offering small classes and opportunities to participate in intramural and interscholastic athletic activities.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

CAREER POTENTIAL

Growing interest in health and personal fitness makes this degree an attractive area of study for the future. Potential growth occupations include secondary and elementary school teachers, administrative and managerial positions, and lifestyle and fitness consultants. Graduates have also found work as athletic therapists, coaches and kinesiologists. Graduates have continued their education and entered professional programs such as Physiotherapy and Medicine. The physical education experience provides a well-rounded education and the people skills needed to find employment in a variety of areas.

TRANSFERABILITY

All courses completed within the Bachelor of Physical Education Transfer program are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

The Bachelor of Physical Education Transfer program is aligned to specifically meet the admission and program requirements at the University of Alberta.

- a) Students in the program who have achieved a GPA of 2.5 on their most recent 24 credits and who have successfully completed a minimum of 45 university transferable credits are guaranteed entrance to the Bachelor of Kinesiology degree at the University of Alberta.
- b) Students who have completed a minimum of 45 credits with a GPA below 2.5 on their most recent 24 credits may be offered admission on a space available basis.

NOTE: Admission will be competitive.

Students are eligible to apply for admission to the Faculty of Physical Education and Recreation at the University of Alberta in the B.Sc. in Kinesiology and combined BKin /BEd routes if they have:

- a) Successfully completed the five required matriculation subjects (B.Sc. in Kinesiology students must see an advisor).
- b) Met all other admission criteria established by the Faculty of Physical Education and Recreation (including presenting the competitive admission average on the most recent 24 credits).

The University of Alberta retains the right to impose quota restrictions on any faculty and possession of all the minimum requirements may not guarantee admission.

Students may also transfer to an institution other than the University of Alberta after one or two years of study. Each institution has its own admission and graduation requirements. Students are responsible for familiarizing themselves with the requirements of the institution of their choice. For additional information on transferring from the Bachelor of Physical Education Transfer program, including information on transferring individual coursework to the University of Alberta, please see an advisor.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 with a minimum grade of 60 per cent
2. Biology 30 with a minimum grade of 60 per cent
3. Two Group A or C courses
4. One Group B or C course or Physical Education 30

Notes:

- Physical Education 30 must be 5 or more credits.
- Only one language, other than English, will be accepted towards admission.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, in the following high school courses:

1. ELA 30-1 with a minimum grade of 60 per cent
2. Biology 30 with a minimum grade of 60 per cent

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

PROGRAM OF STUDY**YEAR I**

	Credits	
ENGL 102	Analysis and Argument	3
ENGL 103	Introduction to Literature	3
PEDS 100	Structural Anatomy	3
PEDS 101	Introduction to Human Physiology	3
PEDS 103	Integrative Human Physiology	3
PEDS 109	Statistics, Measurement, and Evaluation	3
PERL 104	Introduction to Sociocultural Aspects of Leisure and Sport	3
PERL 105	Introduction to the Management of Sport, Physical Activity and Recreation Programs	3
PSYC 104	Introductory Psychology I	3
	PACT coursework	3

YEAR II

		Credits
HEED 220	Introduction to the Biological Aspects of Fitness to Health	3
PEDS 200	Physiology of Exercise	3
PEDS 203	Skill Acquisition and Performance	3
PEDS 206	Biomechanics	3
PEDS 207	Physical Growth and Psychomotor Development	3
PEDS 209	Research Methods in Kinesiology	3
PEDS 240	Introduction to Sports Injury Management	3
PERL 204	Canadian History of Leisure, Sport and Health	3
PERL 207	Adapted Physical Activity and Leisure for Diverse Populations	3
PESS 195	Spectrum of Dance in Society	3

CONTACT INFORMATION

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E: physed@macewan.ca

BACHELOR OF SCIENCE IN ENGINEERING TRANSFER

Faculty of Arts and Science

MacEwan.ca/Engineering

The Bachelor of Science in Engineering Transfer program offers first-year courses that may be used toward obtaining a Bachelor of Science in Engineering at the University of Alberta. Credit for courses taken at MacEwan University may be transferred to other post-secondary institutions within or outside Alberta. For a complete listing of transferable courses within Alberta, refer to the Alberta Transfer Guide website at www.transferalberta.ca.

MacEwan University provides a student-centred focus in the delivery of the program by offering small class sizes, extra tutorial sessions and an annual boot camp to prepare students for the challenging course material.

Admission to the Bachelor of Science in Engineering Transfer program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum. Within the overall quota, limitations are also placed on the number of international (visa) and mature students, and on the number of students who have been previously enrolled in other post-secondary institutions.

TRANSFERABILITY

All courses completed within the Bachelor of Science in Engineering Transfer program are credit courses and may be transferable individually toward further study at MacEwan University and other Alberta institutions. For current, detailed information on individual course transferability, contact your program advisor, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution.

The Bachelor of Science in Engineering Transfer program is specifically aligned to meet the admission and program requirements at the University of Alberta. The general requirements for transferring into Year II at the Faculty of Engineering are:

- A minimum grade point average of 2.5 on the 4.0 scale.
- Successful completion with a grade of C- or higher of a minimum of 30 engineering transfer credits (not including ENGG 100 and ENGG 101).

Students are advised that transfer to the Faculty of Engineering at the University of Alberta has become increasingly competitive. A grade point average of 2.5 on the 4.0 scale is required as a minimum to attain successful admission to the Faculty of Engineering. The University of Alberta retains the right to impose quota restrictions and competitive admission requirements on any faculty – possession of all the minimum requirements does not guarantee admission to the university or a particular faculty.

Due to the extremely competitive nature of admission to the University of Alberta, students who do not successfully transfer into Year 2 at the University of Alberta after completing Year 1 at MacEwan University are not eligible to take first year Engineering again.

Students may also transfer to an institution other than the University of Alberta after one year of study. Each institution has its own admission and graduation requirements.

Students are responsible for familiarizing themselves with the requirements of the institution of their choice. For additional information on transferring from the Bachelor of Science in Engineering Transfer program and individual coursework to MacEwan University, the University of Alberta or another institution, contact a program advisor.

CATEGORIES OF ADMISSION

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Chemistry 30
3. Mathematics 30-1
4. Mathematics 31
5. Physics 30

Note:

- No post-secondary substitutions may be used in lieu of high school courses.

To be evaluated through the program

Applicants who have completed any university transfer credits in a non-engineering program and satisfy the high school requirements will be assessed for Program eligibility.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been required to withdraw twice from any recognized post-secondary institution or once from any engineering or engineering technology program will not be considered for admission or re-admission to the program.

To be evaluated through the Program

Applicable to all admission categories

Applicants cannot be accepted for admission into the program who have more than one core engineering course from the first year program of study (this includes English but not complementary studies electives).

Applicants who complete specific engineering technology diploma courses from NAIT, SAIT or Lethbridge College will be considered for admission with a minimum Admission Grade Point Average (AGPA) of 3.3 on a 4.0 scale.

PROGRAM OF STUDY

YEAR I

Term I

		Credits
CHME 103	Introductory University Chemistry I for Engineers	4.3
ENGG 100	Orientation to the Engineering Profession I	1.0
ENGG 130	Engineering Mechanics	4.0
ENGL 199	Writing for Engineers	3.0
MATH 100	Calculus I	3.5
PHYS 130	Wave, Motion, Optics and Sound	3.8

Term II

		Credits
CHME 105	Introductory University Chemistry II for Engineers	3.8
ENCP 100	Computer Programming for Engineers	3.8
ENGG 101	Orientation to the Engineering Profession II	1.0
ENPH 131	Mechanics	4.3
MATH 101	Calculus II	3.5
MATH 102	Applied Linear Algebra	3.5

CONTACT INFORMATION

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E: engineering@macewan.ca



CERTIFICATE AND DIPLOMA PROGRAMS

Accounting and Strategic Measurement	135
Acupuncture	137
Arts and Cultural Management	140
Asia Pacific Management	143
Business Management	145
Correctional Services	151
Design Studies	153
Design Studies (3 majors) (suspended)	156
Disability Management in the Workplace (suspended).	159
Disability Studies: Leadership and Community (suspended)	160
Early Learning and Child Care	161
Emergency Communications and Response	163
Fine Art	165
General Studies.	167
Hearing Aid Practitioner.	168
Human Resources Management.	170
Legal Assistant	172
Library and Information Technology	174
Massage Therapy	176
Occupational Health Nursing.	178
Office Assistant	179
Police and Investigations.	182
Psychiatric Nursing	185
Public Relations.	188
Social Work	189
Special Needs Educational Assistant	191
Theatre Arts.	193
Theatre Production	195
Therapist Assistant	197
Travel.	201

ACCOUNTING AND STRATEGIC MEASUREMENT

School of Business

MacEwan.ca/Accounting

Success in today's business world depends on sound decisions based on timely, accurate and well-directed financial information. Successful accounting students have good analytical skills, are able to work in a team environment and are self-motivated. In addition, they need effective oral and written communication skills for success.

Good computing skills are essential for this technology-integrated program. Students enrolled in the day sections carry and use laptop computers for optimal learning in technology courses. Students are responsible for the hardware and software costs.

The Accounting and Strategic Measurement program provides students with the option of working toward either the one-year Accounting Technology certificate or the two-year diploma. Students also have the opportunity to apply their diploma toward the first two years of the Bachelor of Applied Business Administration – Accounting, or students performing at a high level may also consider applying for a block transfer to the Bachelor of Commerce.

This program requires that students carry and use a laptop computer for most daytime classes. Evening and online students must have access to a computer. For information on the laptop hardware and software requirements, contact a program advisor.

Accounting Technology certificate

The Accounting Technology certificate is designed to provide students with practical, marketable skills, and comprises the first 10 courses of the diploma providing them with introductory level accounting knowledge. The program may be taken on a full-time basis during the day, and a part-time program is offered in the evening. This certificate is also available online.

CAREER POTENTIAL

With skills in accounting and computing, graduates of this program may pursue careers in administrative or financial positions in a variety of environments, such as private business, government, industry, accounting firms, financial institutions, hospitals and consulting firms. Students completing this certificate typically find entry-level positions as accounting technicians, accounting clerks and bookkeepers.

TRANSFERABILITY

All courses completed for the Accounting Technology certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Individual courses are also recognized by the only professional designation in Canada – Chartered Professional Accountants (CPA). Refer to www.albertaaccountants.org for more information.

Accounting and Strategic Measurement diploma

The Accounting and Strategic Measurement diploma provides a comprehensive overview of accounting procedures and principles. Students in the program learn about management, cost and financial accounting, finance, taxation, computer applications and management skills, providing them with intermediate level accounting knowledge. These courses may be taken on a full-time basis during the day and a part-time program is offered in the evening. Courses from this program provide exemption and meet prerequisites for the CPA program.

CAREER POTENTIAL

Graduates of the diploma apply their training and skills as accountants in private business, public accounting firms, financial institutions, government, hospitals, industry and consulting firms. Common starting positions include analysts, junior accountants, payroll accountants, financial accountants, cost accountants, assistant controllers and accounting technicians. The experience and learning acquired through the integration of technology gives graduates unequalled leverage in the job market.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree and up to 21 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Accounting and Strategic Measurement diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge, and other post-diploma programs. Check with the receiving institution. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Individual courses are also recognized by the only professional designation in Canada – Chartered Professional Accountants (CPA). Refer to www.albertaaccountants.org for more information.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. One Group A course
4. One Group C course
5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Applied Mathematics 30 with a minimum grade of 65 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

ACCOUNTING TECHNOLOGY CERTIFICATE – 30 CREDITS (YEAR I)

ACCOUNTING AND STRATEGIC MEASUREMENT DIPLOMA – 60 CREDITS (YEARS I AND II)

YEAR I

		Credits
Term I		
ACCT 111	Financial Accounting I*	3
MGMT 107	Business Computing*	3
BUSN 200	Fundamentals of Business	3
OR		
BUSN 201	Introduction to Sustainable Business	3
ECON 101	Introduction to Microeconomics	3
ENGL 102	Analysis and Argument	3

Term II

		Credits
ACCT 161	Financial Accounting II*	3
ACCT 164	Accounting Software Applications	3
ACCT 162	Practical Tax Applications*	3
ACCT 218	Management Accounting I*	3
LEGL 210	Business Law I	3

YEAR II

		Credits
Term III		
ACCT 315	Intermediate Financial Accounting I	3
ACCT 215	Quantitative Decision Support*	3
ACCT 214	Integrated Accounting Systems	3
ACCT 268	Management Accounting II*	3
PROW 210	Advanced Business Writing	3

Term IV

		Credits
ACCT 255	Financial Management*	3
OR		
FNCE 301	Introductory Finance	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 275	Accounting Information Systems*	3
ACCT 318	Management Accounting III*	3
	Elective	3

*required for entry to the Bachelor of Applied Business Administration – Accounting

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162

E: accounting@macewan.ca

ACUPUNCTURE

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/Acupuncture

Acupuncture, a primary component of Traditional Chinese Medicine (TCM), has established itself as a well-respected, regulated health profession in Alberta and other provinces in Canada. The fundamental theories of acupuncture are rooted in holistic ideas that developed in ancient China. Acupuncture promotes health, and is used to treat acute and chronic illness, mainly through the insertion of filiform needles to establish a healthy balance of the individual's energy and body functions.

The Acupuncture program prepares you to become a registered acupuncturist, subject to successful completion of the provincial enrolment examination for acupuncturists. Students receive the instruction needed to practice acupuncture competently based on the most recent national and international standards. MacEwan University's Acupuncture program maintains close ties with Acupuncture/TCM facilities in China. This diploma gives you an excellent basis for the acquisition of further knowledge of Chinese herbology through continuing education at MacEwan University.

CAREER POTENTIAL

- Regulated Health Profession
- Recognized under the Health Disciplines Act
- Respected in the medical community
- Relatively few practicing Acupuncturists in Alberta with comprehensive training
- Graduates experience a high level of employment
- Private practice or multi-disciplinary clinics with chiropractors, massage therapists, physiotherapists, holistic health practitioners, naturopathic doctors, homeopathic practitioners and physicians

TRANSFERABILITY

Graduates have a wide range of continuing education options, ranging from ongoing study in specialty areas to undergraduate and graduate study at institutes and universities both nationally and internationally. Graduates of this diploma are eligible to apply for admission to the Bachelor of Health Science and General Studies degree programs at Thompson Rivers University.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum grade of 50 per cent in each of the following high school courses.

1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One Group C course
4. Two Group A, B or C courses (a maximum of two group B subjects can be used; they must be from different disciplines)

AND

Successful completion of at least 36 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale, as calculated on the last 24 post-secondary credits.

OR

Completion of two years of full-time studies (or equivalent) at a recognized private institution or in non-credit studies in the following fields:

- Traditional Chinese Medicine (TCM), Holistic Health, Herbology, Massage Therapy, or complementary medicine

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A Degree or Applied Degree with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to Regular category of admission

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search and contains no open youth record. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I

Term I		Credits	Min. Grade
ACUP 105	Introduction to Qi Gong and Tui Na	1	C
ACUP 106	Medical Terminology	1	C
ACUP 117	Foundations of TCM	4	C
ENGL 111	Communications	3	
HLSC 104	Applied Human Anatomy	3	
MTST 125	Physiology I	3	C-
Term II		Credits	Min. Grade
ACUP 101	Meridian Systems and Acupuncture Points I	3	C
ACUP 104	Diagnostics in Traditional Chinese Medicine	3	C
ACUP 114	Introduction to Research Methodology	2	C
ACUP 115	Qi Gong and Tuina II	2	C
ACUP 119	Foundations of TCM II	3	C
MTST 126	Physiology II	3	C-

Term III		Credits	Min. Grade
ACUP 103	Meridian Systems and Acupuncture Points II	3	C
ACUP 108	Clinical Observation I	1	C
ACUP 116	TCM Diagnostics Lab	1	C
ACUP 124	Introduction to Medical Microbiology	3	C
YEAR II		Credits	Min. Grade
Term IV		Credits	Min. Grade
ACUP 110	Meridian Systems and Acupuncture Points III	3	C
ACUP 112	Traditional Chinese Medicine Internal Therapeutics I	2	C
ACUP 113	Clinical Observation and Practice I	1	C
ACUP 203	Therapeutic Principles of Acupuncture Point Selection and Combination	2	C
ACUP 205	Traditional Chinese Medicine Modalities I	1	C
HLST 150	Pathophysiology	3	C-
Term V		Credits	Min. Grade
ACUP 201	Extra Meridians and Microsystems	2	C
ACUP 204	Traditional Chinese Medicine Internal Therapeutics II	3	C
ACUP 208	Clinical Observation and Practice II	2	C
ACUP 210	Traditional Chinese Medicine Modalities II	3	C
ACUP 213	Traditional Chinese Medicine External Therapeutics I	3	C
Term VI		Credits	Min. Grade
ACUP 209	Internal Medicine	3	C
ACUP 211	Traditional Chinese Medicine Internal Therapeutics III	3	C
ACUP 215	Internship I	1	C
ACUP 216	Traditional Chinese Medicine External Therapeutics II	2	C
YEAR III		Credits	Min. Grade
Term VII		Credits	Min. Grade
ACUP 206	Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao	3	C
ACUP 214	Clinical Case Studies I	1	C
ACUP 218	Professional Ethics and Regulations	1	C
ACUP 220	Internship II	2	C
ACUP 221	Traditional Chinese Medicine Internal Therapeutics IV	3	C
Term VIII		Credits	Min. Grade
ACUP 111	Diagnostics in Traditional Chinese Medicine II	3	C
ACUP 303	Internship III	2	C
ACUP 305	Practice Management and Professional Entry Requirements	3	C
ACUP 320	Pharmacological Therapy	3	C
Term IX		Credits	Min. Grade
ACUP 219	Clinical Case Studies II	2	C
ACUP 304	Internship IV	2	C
ACUP 311	Acupuncture Safety Course (Clean Needle Technique)	1	C
ACUP 312	Herbology for Acupuncturists	2	C

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

– A student must meet the specific Police Information Check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Hepatitis B – Unless contraindicated, a student must meet the specific Hepatitis B vaccination series requirements as set out in the admission criteria or they may be required to withdraw from the program.

First Aid/CPR (HCP-Level C) – A student must meet the specific first aid/CPR (HCP-Level C) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

E: acupuncture@macewan.ca

University Advisor

T: 780-497-4129

Teaching Clinic Receptionist

T: 780-497-4610

All the courses of the program directly related to TCM are taught by registered acupuncturists with extensive clinical and teaching experience. Basic western medical sciences are taught by specialists in the related fields. Experts in the field of TCM also participate in a continuing education program as guest lecturers.

ARTS AND CULTURAL MANAGEMENT

Faculty of Fine Arts and Communications

MacEwan.ca/ArtsManagement

MacEwan University's innovative and dynamic two-year 60-credit diploma in Arts and Cultural Management will prepare you for a career in arts management. Whether you are a practicing artist looking for the skill set to manage your own career or someone who loves supporting the creation and development of arts and culture in your community, this diploma will prepare you to take on administrative and management roles in the creative and cultural sectors. Building on the success of more than 35 years of arts management training at MacEwan University, you will leave the program with the skills you need to begin an exciting career in arts and cultural management.

Through the program you develop close ties to the arts and cultural community, and you will emerge from your studies ready to assist organizations in the areas of fund/resource and audience development, publicity and media relations, human resource management, special event and project management and much more.

After completing the academic portion of the program, you will practice what you have learned in an exciting two-month field placement with an organization of your choice. This practical experience comprises six credits in the credential and is a key factor for your successful transition into paid employment in the sector.

If you have other post-secondary education and want to start working sooner, you may choose to exit the program with a certificate after one year of study. The program is available through classroom study or online, full-time or part-time.

CAREER POTENTIAL

Graduates can be found working across Canada in a wide variety of arts organizations, large and small; as fundraisers and fund development officers for arts organizations, as managers of professional theatres; as volunteer or marketing coordinators, as special event coordinators, publicists, artist managers, and festival directors; or as public programming managers in museums and art galleries.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted credit towards various MacEwan University diploma and degree programs:

- Business Management diploma up to 21 credits
- Bachelor of Arts degree up to 30 credits
- Bachelor of Commerce degree up to 24 credits
- Bachelor of Communication Studies degree up to 51 credits

Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Arts and Cultural Management diploma are credit courses and may be transferable individually toward further study at other Alberta institutions.

Students presenting a completed certificate in this program may be eligible to receive up to 60 credits towards the Bachelor of Professional Arts in Communication Studies at Athabasca University. University of Alberta students in the Bachelor of Arts in Drama degree program may complete 18 credits of coursework in this program at MacEwan University and transfer the credit towards a minor in Arts Management at the University of Alberta. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

TECHNOLOGY INTEGRATION

Classroom students in the Arts and Cultural Management program are required to purchase a laptop and necessary software identified by the program. This initiative is designed to maximize student learning through the integration of their coursework and the software used in the field. For more information, attend a program information session (dates are listed on the program website at MacEwan.ca/ArtsManagement), attend as student for a day or contact the program's University Advisor, T: 780-497-4364, E: artsmanagement@macewan.ca

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1 or ELA 30-2
 2. One Group A course
 3. One Group B course
 4. One Group C course or Applied Math 30
 5. One Group A, B or C course

A maximum of two group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

PREVIOUS POST-SECONDARY ADMISSION

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A post-secondary Certificate, Diploma, Applied Degree or Degree

OR

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit a questionnaire. Successful applicants will demonstrate in their questionnaire:

- detailed knowledge of arts/culture in their community
- research completed regarding the work of arts administrators/managers
- how this MacEwan University program is aligned with their interests and goals

PROGRAM OF STUDY

YEAR I

		Credits
AGAD 100	Foundations of Arts and Cultural Management	3
AGAD 112	Introduction to Audience and Resource Development	3
AGAD 105	Accounting for Arts and Cultural Managers	3
AGAD 107	Computer Applications in Arts Management	3
OR		
MGMT 107	Business Computing	3
AGAD 120	Managing and Leading in Arts and Culture	3
AGAD 122	Applied Audience and Resource Development	3
AGAD 123	Human Resources in Arts and Cultural Management	3
ENGL 102	Analysis and Argument	3
OR		
ENGL 111	Communications Options – Two AGAD courses (see below)	3

YEAR II

		Credits
AGAD 203	Project Management in Arts and Culture	3
AGAD 223	Integrated Project in Arts and Cultural Management	3
AGAD 232	Advanced Audience and Resource Development	3
AGAD 231	Field Placement	5
AGAD 233	Integration Seminar	1
ENGL 103	Introduction to Literature	3
OR		
ENGL 211	Business Communications Options – Two AGAD courses (see below) Electives – Two	3 6 6

Option Courses:

AGAD 109	Publicity and Media Relations in the Arts
AGAD 201	Advocacy in the Cultural Sector
AGAD 225	Performing Arts Management
AGAD 226	Museum/Gallery Management
AGAD 227	Managing in the Music Industry
AGAD 230	Independent Study Project

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

DECLARING THE CERTIFICATE EXIT OPTION

Students who choose the certificate exit option for this program must complete a total of 36 credits – all Year 1 core courses, two options and the field placement consisting of co-requisites AGAD 231 (Field Placement) and AGAD 233 (Integration Seminar) per the Program of Study. Students are required to declare their intention for the certificate exit option in writing to the Chair by November 30th to ensure an appropriate field placement can be arranged for the Spring/Summer term (May and June).

FIELD PLACEMENT TERM

Students taking either the diploma or certificate exit program must successfully complete all courses and coursework requirements for the chosen credential in order to register in the Field Placement (AGAD 231) and Integration Seminar (AGAD 233). Students completing the diploma must successfully complete all courses and coursework in Years 1 and 2 before registering in AGAD 231 and 233. Students choosing the certificate exit must successfully complete all courses and coursework in Year 1 before registering in AGAD 231 and 233.

PROGRAM OF STUDY

Students taking the diploma program must complete six credits of electives. Arts and Cultural Management program courses may not be used as electives in the program.

CONTACT INFORMATION

University Advisor

T: 780-497-4364

Toll-free: 1-888-497-4622 Ext. 4364

E: artsmanagement@macewan.ca

ASIA PACIFIC MANAGEMENT

School of Business

MacEwan.ca/AsiaPacific

International business and cross-cultural skills are fast becoming a requirement in today's global economy. The Asia Pacific region is Canada's second largest trade partner. Success in this region requires employees with international business skills and knowledge of the cultural and business environment in Asia.

The Asia Pacific Management diploma is a two-year, international business program designed to prepare Canadian and international students to launch a career in international business and management. The program of study cultivates the skills and insights required to be successful in domestic and international economies. Students can expect a range of academic business courses, specialized practical coursework in Asian culture, language, intercultural communications and international business principles, as well as an overseas practicum in Asia.

CAREER POTENTIAL

Asia Pacific Management is a demanding program ideal for individuals interested in a career in international business with a focus on the Asia Pacific region. In addition to the usual employment opportunities available to business diploma graduates, graduates may also join an increasing number of Canadian companies and agencies active in international business exchanges, as well as Canadian companies serving an ever-growing number of Asian clients. Graduates can also join the list of successful entrepreneurs with an Asian customer base. The Asia Pacific Management program also makes an excellent post-degree diploma.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree. Students are advised to consult a program advisor for the Commerce program for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Asia Pacific Management diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University, the University of Lethbridge and up to 51 credits of individual course transfer credit to the Bachelor of Commerce program at the University of Alberta. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group A course
4. One Group C course
5. One Group A, B, or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group C course

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

PROBATIONARY ADMISSION

To be evaluated through the Office of the University Registrar
This admission category will be used only if the Program is not filled by mature or previous post-secondary applicants. A limited number of probationary admissions may be granted to applicants who present a minimum cumulative post-secondary Admission Grade Point Average (AGPA) of less than 2.0 on a 4.0 scale.

Applicants admitted within this category will be placed on probation.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's full-time calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

Note: Students take 30 credits in year I and 31 credits in year II. INTB 200 – Asia Pacific Practicum is taken last.

YEAR I		Credits
BUSN 201	Introduction to Sustainable Business	3
CHIN 101	Introductory Chinese I	3
	OR	
JAPN 101	Introductory Japanese I	3
ECON 101	Introduction to Microeconomics	3
ENGL 111	Communications	3
CHIN 102	Introductory Chinese II	3
	OR	
JAPN 102	Introductory Japanese II	3
ECON 102	Introduction to Macroeconomics	3
INTB 312	Conducting Business in Asia	3
MGTS 103	Probability and Statistics I	3
ORGA 201	Introduction to Management	3
ACCT 311	Introductory Accounting	3
YEAR II		Credits
CHIN 201	Introductory Chinese III	3
	OR	
JAPN 201	Introductory Japanese III	3
CHIN 202	Introductory Chinese IV	3
	OR	
JAPN 202	Introductory Japanese IV	3
FNCE 301	Introductory Finance	3
FNCE 404	International Finance	3
	OR	
MARK 403	International Marketing	3
MARK 301	Fundamentals of Marketing	3
INTB 200	Asia Pacific Practicum	3
INTB 213	Orientation to Asia	1
INTB 300	Introduction to International Business	3
INTB 311	Diversity and Intercultural Communication	3
LEGL 210	Business Law I	3
POLS 261	Asia Pacific Political Systems	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Foreign Language Course Exemption

Students who demonstrate fluency in reading and writing Chinese or Japanese as assessed by a designated faculty member or test at MacEwan University may request an exemption to the requirement of 12 credits of Chinese or Japanese language study. If an exemption is granted, students will select 12 credits of substitute study as approved by the Chair.

Practicum

The required Asia Pacific Practicum INTB 200 is designed to provide students with a learning experience in a culture that is not their native culture. International students who are fluent in Chinese or Japanese will be assisted in finding a practicum experience in Canada. Students who wish to propose a self-identified practicum will be required to complete a practicum proposal form and obtain the approval of the Chair.

CONTACT INFORMATION

T: 780-497-5162

E: asiapacific@macewan.ca

BUSINESS MANAGEMENT

School of Business

MacEwan.ca/Management

The Business Management diploma is a comprehensive general business program that prepares students to take on any business challenge. Using more than traditional books and theory, this program teaches through lectures, individual and group case-studies and real-world examples.

To help develop and demonstrate the potential of our students to become managers, administrators, entrepreneurs and leaders, we emphasize the integration of soft skills such as professionalism, interpersonal relations, teamwork and communications with quantitative and strategic decision-making abilities.

Students choose from the following:

- Business Management certificate
- Business Management diploma
- Aviation Management major
- Insurance and Risk Management major

With the exception of Insurance, these programs require that students carry and use a laptop computer for most classes. For information on the laptop hardware and software requirements, contact a program advisor.

MacEwan University recognizes that every student has unique demands on their time, so we offer a range of scheduling choices. The Business Management certificate and diploma is available on a full-time or part-time basis as follows:

- Traditional school year: September through April over two years.
- Flexible route: complete classes over a longer period of time. This option offers courses year round that may be taken on a full- or part-time basis. Begin in September.
- Part-time and online: all courses are available in the evenings and online.

CAREER POTENTIAL

The Business Management program appeals to people who want to pursue a career in business and/or management and want a balance of theory and practical experience. The program is ideal for a wide range of possible careers in business including starting your own business, sales, marketing, hospitality management and financial services. It is also well suited to those wanting to pursue further post-secondary studies, either immediately upon graduation or at some point in the future.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree and up to 24 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Business Management certificate and diploma programs are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1
 2. Mathematics 30-1 or Mathematics 30-2
 3. One Group A course
 4. One Group C course
 5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 per cent or Applied Mathematics 30 with a minimum grade of 65 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

Certificate – 30 credits

	Credits
ACCT 111 Financial Accounting I	3
ACCT 218 Management Accounting I	3
ECON 101 Introduction to Microeconomics	3
ENGL 111 Communications	3
OR	
ENGL 102 Analysis and Argument	3
FNCE 113 Introduction to Quantitative Decision Making	3
MGMT 107 Business Computing	3
MGMT 121 Principles of Management	3
MGMT 122 Organizational Behaviour	3
MGMT 131 Marketing	3
LEGL 210 Business Law I	3
OR	
ACCT 215 Quantitative Decision Support	3
Diploma – 60 credits	
ACCT 111 Financial Accounting I	3
ACCT 215 Quantitative Decision Support	3
ACCT 218 Management Accounting I	3
ECON 101 Introduction to Microeconomics	3
ENGL 111 Communications	3
OR	

	Credits
ENGL 102 Analysis and Argument	3
FNCE 113 Introduction to Quantitative Decision Making	3
HRMT 200 Management of Human Resources	3
LEGL 210 Business Law I	3
MGMT 107 Business Computing	3
MGMT 121 Principles of Management	3
MGMT 122 Organizational Behaviour	3
MGMT 131 Marketing	3
MGMT 211 Business Finance	3
MGMT 240 Business Research and Report Writing	3
MGMT 261 Integrated Management Practice	3
ORGA 330 Managerial Skills Development	3
Electives	9
Business Options – choose one of the following:	3
BUSN 330 Project Management	
MGMT 114 Personal Finance and Money Management	
MGMT 126 Introduction to Conflict Management	
MGMT 212 Entrepreneurship	
MGMT 231 Sales	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162

E: management@macewan.ca

AVIATION MANAGEMENT MAJOR

Enhance your career opportunities in the field of aviation by combining flight training with business courses through MacEwan University's Business Management diploma Aviation Management major.

Students who love to fly and would like a solid business education should consider this program. The program also appeals to people wanting to pursue their own business, manage flight operations or become commercial pilots.

The flight training and ground school component may be completed at any Transport Canada approved training centre. To complete the management portion of this major, students may complete any delivery method (i.e. flexible, regular two-year, evening or online) of the Business Management program. To attain this major, five management courses (15 credits) are replaced with aviation training obtained from the flight school of your choice.

CAREER POTENTIAL

Graduates of this specialized diploma gain employment in a variety of aviation-related careers – both as pilots and airport management personnel. Forecasts by industry experts indicate a rapid growth trend for this industry. Within Alberta, the oil industry boom creates significant aviation work, as oilfield workers are increasingly being transported to and from the north by air. Domestic airlines are also expanding. These factors will force an increase in demand for both pilots and airport management personnel well into the future.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL OPPORTUNITIES

All courses completed for the Business Management, Aviation Management Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1
 2. Mathematics 30-1 or Mathematics 30-2
 3. One Group A course
 4. One Group C course
 5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 per cent or Applied Mathematics 30 with a minimum grade of 65 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

PROGRAM OF STUDY

	Credits
ACCT 111 Financial Accounting I	3
ACCT 215 Quantitative Decision Support	3
ACCT 218 Management Accounting I	3
ECON 101 Introduction to Microeconomics	3
ENGL 111 Communications	3
OR	
ENGL 102 Analysis and Argument	3
FNCE 113 Introduction to Quantitative Decision Making	3
HRMT 200 Management of Human Resources	3
LEGL 210 Business Law I	3
MGMT 107 Business Computing	3
MGMT 121 Principles of Management	3
MGMT 122 Organizational Behaviour	3
MGMT 131 Marketing	3
MGMT 211 Business Finance	3
MGMT 240 Business Research and Report Writing	3
MGMT 261 Integrated Management Practice	3

Students must present the following Transport Canada approved aviation credentials in order to graduate and will receive a total of 15 credits towards the diploma:

Private Pilot's Licence	3
Instrument Rating	3
Commercial Pilot's Licence	6
Multi-Engine Rating	3
or	
Instructor Rating	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

INSURANCE AND RISK MANAGEMENT MAJOR

MacEwan.ca/Insure

Can you think through problems and weigh various options? This quality can help you shine in the insurance profession. Learn how to use information to make smart business decisions. Highly trained insurance professionals assess risks and insure clients against unforeseen events: physical, financial or acts of nature.

The Insurance and Risk Management diploma is suited to students who thrive in a challenging environment. Critical thinking, problem-solving, attention to detail and customer service skills are all valuable assets.

The program is offered in a condensed course of study, with students completing a full diploma in 13 months. Offered in co-operation with the Insurance Institute of Canada and the Insurance Institute of Northern Alberta, this major prepares students for the Institute's Chartered Insurance Professional (CIP) designation. Topics covered include general business courses such as accounting, business law, sales and marketing combined with insurance industry-specific courses such as property insurance, liability insurance, loss adjusting, underwriting and risk management.

CAREER POTENTIAL

The insurance industry is a vital part of the financial/business community across Canada. It offers excellent career opportunities as claims adjusters, commercial and personal lines underwriters, account executives, brokers, agents, customer service representatives, risk management professionals, marketing representatives, and office or department managers.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree and up to 24 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Business Management, Insurance and Risk Management major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma may receive up to 60 credits to the Post-Diploma Bachelor of Management degree program at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 - 1. ELA 30-1
 - 2. Mathematics 30-1 or Mathematics 30-2
 - 3. One Group A course
 - 4. One Group C course
 - 5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 per cent or Applied Mathematics 30 with a minimum grade of 65 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

PROGRAM OF STUDY

		Credits
ACCT 111	Financial Accounting I	3
ACCT 218	Management Accounting I	3
ECON 101	Introduction to Microeconomics	3
ENGL 111	Communications	3
OR		
ENGL 102	Analysis and Argument	3
FNCE 113	Introduction to Quantitative Decision Making	3
INSR 101	Insurance Principles and Practices	3
INSR 202	Property Insurance	3
INSR 203	Automobile Insurance	3
INSR 204	Liability Insurance	3
INSR 205	Risk Management and Insurance	3
INSR 210	Essential Skills for the Insurance Broker and Agent	3
INSR 211	Essentials of Loss Adjusting	3
INSR 212	Underwriting Essentials	3
LEGL 210	Business Law I	3
MGMT 107	Business Computing	3
MGMT 121	Principles of Management	3
MGMT 122	Organizational Behaviour	3
MGMT 131	Marketing	3
MGMT 231	Sales	3
ORGA 330	Managerial Skills Development	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162

E: insurance@macewan.ca

PROFESSIONAL GOLF MANAGEMENT MAJOR

MacEwan.ca/Golf

Suspended: There are no planned intakes for this major. Applications for admission are not being accepted.

The Professional Golf Management major appeals to people who thrive in a business environment with a customer service focus. Excellent communication, organizational, and business management skills are critical for success as a manager in the golf industry.

Classes, group work and case studies focus on general management, organizational behaviour, marketing, sales techniques, accounting, finance, human resources management and business computer applications. Industry-specific courses focus on pro-shop, backshop and practice facility operations, golf equipment, golf carts, programs and leagues, rules of golf, food and beverage operations and golf course maintenance.

CAREER POTENTIAL

Graduates of the Professional Golf Management program typically work as assistant professionals or teaching professionals as they complete the remaining requirements for Class “A” membership status within the PGA of Canada. Attaining Class “A” status allows PGA of Canada members to apply for positions as head golf professionals or seek further advancement as executive professionals or directors of golf.

PROGRAM OF STUDY

		Credits
ACCT 111	Financial Accounting I	3
ENGL 111	Communications	3
OR		
ENGL 102	Analysis and Argument	3
MGMT 107	Business Computing	3
MGMT 121	Principles of Management	3
MGMT 122	Organizational Behaviour	3
MGMT 131	Marketing	3
MGMT 231	Sales	3
PGMT 115	Introduction to Golf Management	3
PGMT 120	Backshop and Practice Facility Operations	3
PGMT 125	Facility Management	3
PGMT 171	Professional Golf Management Practicum I	3
ACCT 218	Management Accounting I	3
HRMT 200	Management of Human Resources	3
MGMT 132	Retail Merchandising	3
MGMT 261	Integrated Management Practice	3
ORGA 330	Managerial Skills Development	3
PGMT 215	Golf Operations	3
PGMT 225	Food and Beverage Operations	3
	Business Option	3
	Elective	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T:780-497-5162
E: golf@macewan.ca

CORRECTIONAL SERVICES

Faculty of Health and Community Studies

Department of Public Safety and Justice Studies

MacEwan.ca/Corrections

The Correctional Services diploma prepares graduates to work in a variety of positions in corrections and criminal justice fields including community agencies, correctional institutions, residential settings, restorative justice and related human service careers. Graduates work with adults and youth in conflict with the law, or who are at risk of becoming involved in the criminal justice system. The program provides theoretical knowledge, skill development and practical experience for the entry-level corrections and criminal justice professional.

The Correctional Services program stresses the dual yet inseparable function of the criminal justice system: protection of the public and providing assistance to offenders to become law abiding citizens. Students acquire essential skills and knowledge about the criminal justice system as well as professional practice information and expertise.

The first year provides a number of foundation courses concentrating on self-awareness, criminological theory and knowledge of the criminal justice system. Field placement provides an opportunity for students to acquire practice competencies including professionalism, crisis intervention, security procedures and suicide prevention.

The second year concentrates on skill development such as counselling strategies, case management, risk/needs assessment, documentation and working with special offender populations. Field placement provides students with the practical, first-hand experience in the field of corrections and criminal justice with the expectation that students apply the knowledge and skills discussed in the classroom.

CAREER POTENTIAL

Graduates are employed by both the provincial and federal governments and non-profit agencies. Graduates obtain employment as probation officers, youth workers, behavioural counsellors, correctional officers, case workers, police officers, and other related criminal justice positions. Many graduates eventually move into administrative and managerial positions in corrections and criminal justice agencies. Program graduates establish a network of career contacts through field placement and classroom activities. Graduates apply directly to corrections and/or criminal justice or related agencies and must demonstrate they meet the minimum position requirements. Shift work is often required, and many entry positions recruit through casual or wage employment.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree or up to 60 credits to the Bachelor of Applied Human Service Administration.

EXTERNAL TRANSFER

All courses completed for the Correctional Services diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program are eligible to block transfer to a number of colleges and universities in Alberta:

- Athabasca University: 60 credits (two years) towards the Bachelor of Professional Arts in Criminal Justice degree or the Bachelor of Professional Arts in Human Services
- Lethbridge College: 60 credits (two years) towards the Bachelor of Applied Arts in Correctional Studies
- Mount Royal University: approximately 54 credits towards the Bachelor of Arts in Criminal Justice
- University of Alberta: Up to 30 units of course weight in the Faculty of Arts

For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Students presenting a completed diploma in this program are eligible to block transfer to a number of colleges and universities outside of Alberta:

- Royal Roads University (British Columbia): 60 credits (two years) towards a Bachelor of Arts in Justice Studies
- University of Great Falls (Montana): 60 credits (two years) towards a Bachelor of Arts or Science in Criminal Justice degree
- For more information on these study options outside of Alberta, contact an advisor in the Correctional Services program.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have an Alberta high school diploma (or equivalent) and be 18 years of age by the beginning of the second term.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit an autobiography. Conditionally accepted applicants are required to submit a current (no older than 3 months) Police Information Check (or equivalent) with no criminal charges or convictions or show evidence of having applied for a pardon and no open youth record.

PROGRAM OF STUDY

YEAR I

		Credits
Term I		
CORR 100	Human Relations	3
CORR 102	Foundations of Criminal Law	3
CORR 104	Criminal Justice System	3
SOCI 100	Introductory Sociology	3
ENGL 111	Communications	3
Term II		
CORR 110	Introductory Criminology	3
CORR 112	Correctional Interviewing	3
CORR 114	Introduction to Field Placement	2
CORR 118	Introduction to Corrections	3
CORR 120	Restorative Justice	3
CORR 206	Addiction in the Criminal Justice System	2

YEAR II

		Credits
Term III		
CORR 116	Integration Seminar I	1
CORR 212	Correctional Counselling	4
CORR 214	Field Placement I	4
CORR 218	Youth and Crime	3
PSYC 105	Introductory Psychology II	3
Term IV		
CORR 202	Diversity Issues in Criminal Justice	3
CORR 208	Selected Issues	3
CORR 210	Correctional Methods and Practice	3
CORR 216	Integration Seminar II	1
CORR 224	Field Placement II	4

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

– A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

On campus:

University Advisor

T: 780-497-5379

E: corrections@macewan.ca

Distance:

University Advisor

T: 780-497-5186

E: corrections@macewan.ca

DESIGN STUDIES

Faculty of Fine Arts and Communications

MacEwan.ca/DesignStudies

The three-year Design Studies diploma offers great flexibility in course selection and an opportunity for students to determine the skills they wish to develop. Students will also develop enhanced levels of critical thinking, writing and research. The curriculum is designed to be responsive to changes occurring in the field, increasing employer demands and the changing nature of the visual communication design industry.

Upon graduation, students are prepared for a career in the exciting, ever-changing and multi-disciplinary field of visual communication design. Graduates of the Design Studies program are experts in crafting visuals that communicate with impact on the printed page, the screen, and in physical environments in areas of discipline such as graphic design, illustration, interactive design, motion graphics and editing, brand integration and photography. Graduates will be able to embark on careers in which employers expect a thorough understanding of design theory, technical proficiency, a core set of skills within a subset of the discipline, and a broad understanding of the discipline in general.

Over three years of study, students complete required studio courses that develop general visual communication design skills. By selecting specific studio options, students form an area of concentration. Additional options outside a concentration can be explored to round out a designer's skill set. Students are required to take two English courses and two or more courses in humanities and social sciences.

In year one, students begin their studies by learning fundamental design skills that are common across all disciplines within the field. Students explore design theory, practices, principles and process, the meaning and significance of visual imagery, develop drawing and rendering skills, apply basic typography and learn the basics of industry standard software.

In year two, students learn the historical and contemporary cultural context of design and continue to develop creative, conceptual and visual design skills through required courses and select courses based on their goals for graduation.

In year three, students learn about the business of design, continue to develop skills in their chosen pathway, broaden their exposure to other areas of visual communication design and finalize a portfolio of work to gain employment.

CAREER POTENTIAL

Upon graduation, students find work in large agencies, small studios, print shops, and communications departments in medium-sized businesses up to large corporations. Depending on their area of concentration, a graduate's responsibilities might include interface design, illustration, point-of-purchase design, magazine layout, advertising, promotional, photography, display design, website development and electronic pre-press production. Many graduates from Design Studies also succeed at starting their own freelance design or photography studios.

TECHNOLOGY INTEGRATION FOR CREATIVE LEARNING (TICL)

All students entering year one are required to purchase a Digital SLR camera. All students entering year two are required to purchase a Macintosh laptop computer and software specific to their program of study. Specifications will be emailed to students and posted on the web. Students may be required to attend a technology orientation session prior to the start of Fall term classes.

TRANSFERABILITY INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree.

EXTERNAL OPPORTUNITIES

All courses completed for the Design Studies program are credit courses and may transfer individually toward further study at other Alberta institutions. Students interested in transferring courses are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Design Studies program regarding coursework and portfolio development. Like the Design Studies program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in an entrance portfolio and on an assessment of course content. Students presenting a completed Design Studies diploma may be eligible for admission and block transfer to Athabasca University and ACAD (Alberta College of Art and Design). For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent) and ELA 30-1 or ELA 30-2.

OR

- b) Applicants must have a minimum overall average of 60 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1 or ELA 30-2
 2. One Group A course
 3. One Group B or C course
 4. One Group C or D course

AND

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent. Skills Appraisal requirements must be completed by the beginning of the intake term.

Writing: Applicants must pass the writing portion AND be eligible to enter ENGL 111 OR achieve a minimum grade of C- on any required developmental course work

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

AND

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent. Skills Appraisal requirements must be completed by the beginning of the intake term.

Writing: Applicants must pass the writing portion AND be eligible to enter ENGL 111 OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A post-secondary Certificate, Diploma, Applied Degree or Degree

OR

- A minimum of 18 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit a Portfolio and a Statement of Intent to a committee of Design Studies faculty.

The Portfolio shall consist of an original body of work.

Successful applicants will demonstrate in their Statement of Intent:

- The ability to express ideas well in writing.
- How this MacEwan University program is aligned with their interests and goals.
- An interest in learning about design theory and practice.

PROGRAM OF STUDY

YEAR I

		Credits
Term I		
DESN 100	Drawing for Communication	3
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Introduction to Design Software	3
DESN 150	Image Structure and Meaning	3
ENGL 102	Analysis and Argument	3
OR		
ENGL 111	Communications	3

Term II

		Credits
DESN 101	Drawing	3
DESN 210	Design Studio II: Intradisciplinary Design Projects	6
DESN 230	Typography I	3
ENGL 102	Analysis and Argument	3
OR		
ENGL 103	Introduction to Literature	3
OR		
ENGL 211	Business Communications	3

YEAR II

		Credits
Term III		
DESN 240	Introduction to Web Design and Development	3
DESN 270	The History of Design and Material Culture Through the 18th Century	3
DESN 310	Design Studio III	3
DESN 330	Typography II Option	3

Term IV

		Credits
DESN 271	The History of Material Culture and Design From the 18th Century	3
DESN 311	Corporate Identity Design and Branding Liberal Arts Requirement Options – Two	3 3 6

Program Options

Students are required to complete 21 to 27 credits of program option courses. Students must select from the following option courses offered by Design Studies. A minimum of nine credits of options must be completed at the 300-level. Not all option courses are offered each term or year.

DESN 200	Drawing for Illustration
DESN 241	Interaction Design I
DESN 250	Introduction to Photography
DESN 251	Applied Photographic Design
DESN 252	Digital Imaging
DESN 260	Introduction to Video
DESN 261	Motion Graphics I
DESN 300	Illustration Techniques
DESN 313	Information Design
DESN 314	Environmental Graphic Design
DESN 315	Visual Narrative
DESN 316	Branded Environments
DESN 317	Publication Design
DESN 318	Advertising Design
DESN 340	Web Design and Development II
DESN 341	User Experience and Usability
DESN 342	Interaction Design II
DESN 343	Web Design and Development III
DESN 361	Motion Graphics II
DESN 391	Internship

Liberal Arts Requirements

Liberal Arts requirements in Design Studies encompass courses in humanities or social sciences. Students are required to complete six credits of liberal arts options of which three credits must be at the senior level (200-399). In place of selected program options in the final year of study, a student can take up to six additional credits of liberal arts options.

Any liberal arts requirements must be baccalaureate level coursework. Selections are made from the approved list of liberal arts options for Design Studies. Subject to written approval of the chair, students may earn credit for courses not listed in the approved list of liberal arts courses. Students are strongly encouraged to consult with their program advisor before confirming liberal arts options.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

Dianne Nicholls, Instructional Assistant
 T: 780-497-4312
 E: designstudies@macewan.ca

DESIGN STUDIES

Faculty of Fine Arts and Communications

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

DIPLOMA STUDIES - MAJORS

- Design and Digital Media
- Design and Illustration
- Design and Photography

Students in each of the majors learn a common set of visual communication design skills essential to academic and professional success: drawing and composition, typography and page assembly, creative process, and the application of professional standards. In the MacEwan University Design Studies program, emphasis is placed on the development of creative, conceptual and visual design skills, but students also learn technology and production methods. As studies progress, students continue to build design skills and creative approaches, and produce portfolios that are specific to each major. Options within Design Studies also provide students the opportunity to explore beyond their chosen discipline.

DESIGN AND DIGITAL MEDIA

Design and Digital Media graduates are specialists in visual communication that appears on the screen. In this major, an emphasis is placed on interface design, website development and the processes involved in taking projects from idea to completion. Students develop general design skills through the study of drawing, composition, page layout and assembly, and typography in a hands-on studio environment. Students apply skills to a wide range of communication media, with an emphasis on web design and delivery. Studies complete the program with an impressive portfolio that demonstrates a thorough understanding of design and the skills required to create engaging experiences using current digital media technology.

DESIGN AND ILLUSTRATION

Design and Illustration graduates are specialists in visual communication that appears on the printed page. In this major, an emphasis is placed on publication design, corporate identity and logo design, advertising and promotion, and hand-drawn illustration. Students hone visual communication design skills through practical hands-on studio projects. Learning about the technical demands of design, students explore interface design and delivery, printing processes and the production of press-ready digital files. Studies complete the program with an impressive portfolio that demonstrates a well-rounded education in print design and the skills required to create engaging visual communication design.

DESIGN AND PHOTOGRAPHY

Design and Photography graduates are specialists at producing visual communications that are captured with a click of a shutter. In this major, an emphasis is placed on mastering composition, lighting, printing, camera equipment, and learning various styles of photography such as portraiture, documentary, editorial and advertising. Students also apply their photographic skills in the context for which they will be used through the study of general design principles, page layout, typography and interface design. Students complete the program with an impressive portfolio that demonstrates excellence as a photographer and proficiency as a visual communication designer.

CAREER POTENTIAL

Upon graduation students find work in large agencies, small studios, print shops, and communication departments in medium-sized businesses up to large corporations. Depending on the major, a graduate's responsibilities might include interface design, merchandising, illustration, point-of-purchase design, magazine layout, advertising, promotional, photography, display design, website development and electronic pre-press production. Many graduates from Design Studies also succeed at starting their own freelance design or photography studios.

PROGRAM OF STUDY

DESIGN STUDIES DIPLOMA

Design and Digital Media Major

YEAR I

	Credits
Term I	
VCDM 220 Drawing for Digital Media	3
VCDR 231 Modeling Preparation	3
VCOM 221 2D Design	3
VCOM 223 Typography	3
VCOM 224 Digital Applications	3
Term II	
VCDE 331 Interface Design I	3
VCDI 222 Digital Modeling	3
VCDM 225 Digital Media Production	3
VCDM 233 Typography for Digital Media	3
Elective	3

YEAR II

	Credits
Term III	
VCDM 331 Interactive Media I	3
VCDE 341 Interface Design II	3
VCDM 332 Interactive Animation	3
Elective	3
Option	3

Term IV

	Credits
VCDM 344 Interactive Media II	3
VCDM 345 Interface Design III	3
VCDM 346 Information Design for Digital Media	3
VCPR 327 Design Portfolio	3
Option	3

Program Options:

PROW 311 Concept Development	3
VCDE 333 Corporate Identity and Promotional Design	3
VCDE 380 Typography and Motion	3
VCDE 382 Advertising Design	3
VCDE 383 Information Design	3
VCDR 380 Concept Rendering	3
VCDR 382 Digital Illustration	3
VCM I 380 Introductory Video Production	3
VCM I 385 Dynamic Media Delivery	3
VCPH 380 Photo Illustration	3
VCPH 385 Black and White Portraiture	3

YEAR I

		Credits
Term I		
VCOM 220 Drawing		4
VCOM 221 2D Design		3
VCOM 222 3D Design		3
VCOM 223 Typography		3
VCOM 224 Digital Applications		3

Term II

		Credits
VCDE 231 Introduction to Visual Presentation		3
VCDI 221 3D Visualization		3
VCDR 232 Drafting and Model Building Techniques		3
VCPR 211 3D Methods and Materials		3
Elective		3

YEAR II

		Credits
Term III		
VCDE 343 Exhibit Design I		3
VCDI 331 3D Visualization II		3
VCDI 344 Digital Presentation Workshop		3
Elective		3
Option		3

Term IV

		Credits
VCDE 344 Concept and Fabrication Workshop		3
VCDE 345 Exhibit Design II		3
VCDE 351 On Site Marketing and Point of Purchase		3
VCPR 327 Design Portfolio		3
Option		3
PROW 311 Concept Development		3
VCDE 333 Corporate Identity and Promotional Design		3
VCDE 380 Typography and Motion		3
VCDE 382 Advertising Design		3
VCDE 383 Information Design		3
VCDR 380 Concept Rendering		3
VCDR 382 Digital Illustration		3
VCM I 380 Introductory Video Production		3
VCM I 385 Dynamic Media Delivery		3
VCPH 380 Photo Illustration		3
VCPH 385 Black and White Portraiture		3

DESIGN STUDIES

Design and Illustration Major

YEAR I

Term I		Credits
VCOM 220	Drawing	4
VCOM 221	2D Design	3
VCOM 222	3D Design	3
VCOM 223	Typography	3
VCOM 224	Digital Applications	3

Term II		Credits
VCDE 233	Typography II	3
VCDI 223	Design and Pre-Press Production	3
VCDR 230	Figure Drawing	3
VCPR 210	2D Methods and Materials	2
	Elective	3

YEAR II

Term III		Credits
VCDE 333	Corporate Identity and Promotional Design	3
VCDR 343	Illustration Techniques	3
VCDR 344	Interpretive Drawing	3
	Elective	3
	Option	3

Term IV		Credits
VCDE 331	Interface Design I	3
VCDE 352	Illustration Techniques	3
VCDR 353	Interpretive Illustration	3
VCPR 327	Design Portfolio	3
	Option	3

Program Options:

PROW 311	Concept Development	3
VCDE 333	Corporate Identity and Promotional Design	3
VCDE 380	Typography and Motion	3
VCDE 382	Advertising Design	3
VCDE 383	Information Design	3
VCDR 380	Concept Rendering	3
VCDR 382	Digital Illustration	3
VCM I 380	Introductory Video Production	3
VCM I 385	Dynamic Media Delivery	3
VCPH 380	Photo Illustration	3
VCPH 385	Black and White Portraiture	3

YEAR I

Term I		Credits
VCM I 215	Principles of Acquisition	3
VCM I 221	Design for Motion Image	3
VCM I 224	Digital Applications for Motion Image	3
VCM I 230	Principles of Production	3
VCOM 223	Typography	3
VCM I 210	Production Planning	3
VCM I 213	Production	3
VCM I 225	Acquisitions	3
VCM I 245	Editing	3
	Elective	3
VCDE 380	Typography and Motion	3
VCM I 322	Advanced Production	3
VCM I 336	Advanced Acquisition	3
VCM I 342	Advanced Production Planning	3
VCM I 355	Advanced Editing	3

Term IV

		Credits
VCM I 332	Interface Design and Delivery	3
VCM I 343	Senior Independent Production	3
VCM I 344	Motion Graphics	3
VCPR 327	Design Portfolio	3
	Option	3
PROW 311	Concept Development	3
VCDE 333	Corporate Identity and Promotional Design	3
VCDE 382	Advertising Design	3
VCDE 383	Information Design	3
VCDR 380	Concept Rendering	3
VCDR 382	Digital Illustration	3
VCPH 380	Photo Illustration	3
VCPH 385	Black and White Portraiture	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

Dianne Nicholls, Instructional Assistant
 T: 780-497-4312
 E: nichollsd@macwan.ca

DISABILITY MANAGEMENT IN THE WORKPLACE

*Faculty of Nursing
Centre for Professional Nursing Education*

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Disability Management in the Workplace certificate provides individuals with the knowledge and skills to coordinate return to work plans, and develop and implement disability management programs in the workplace. As the economic and human costs of worker injuries and illnesses rise, disability management professionals in the workplace are increasingly in demand. The focus of disability management is to assist workers who have been injured, ill or disabled to adapt to a meaningful and productive work environment.

This program is offered via online distance delivery. Students successfully complete 30 credits to receive a certificate in Disability Management in the Workplace.

CAREER POTENTIAL

A qualified individual has a broad spectrum of employment opportunities. Prospective places of employment include a wide range of corporate environments, federal, provincial and municipal governments, unions, health care providers, insurance providers and disability management service providers.

PROGRAM OF STUDY

YEAR I		Credits	Min. Grade
DMWP 100	Essential Anatomy and Physiology	3	C-
DMWP 102	Medical and Pharmaceutical Concepts	3	C-
DMWP 104	Introduction to Disability Management	3	C-
DMWP 110	Ethics and Professionalism in Disability Management	3	C-
DMWP 112	Health, Social, and Legislative Foundations	3	C-
DMWP 114	Conflict and Crisis Management in Return to Work	3	C-
DMWP 116	Return to Work Management	3	C-
DMWP 118	Field Placement I in Disability Management	3	C-
INTD 105	Interpersonal Skills Development	3	C-
ENGL 111	Communications	3	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5188
Toll-free: 1-888-497-9390
E: cpne@macewan.ca

DISABILITY STUDIES: LEADERSHIP AND COMMUNITY

Faculty of Health and Community Studies

MacEwan.ca/DisabilityStudies

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Disability Studies: Leadership and Community (DSLCL) program works closely with community agencies, people with disabilities, their families and governments to prepare exceptional graduates with a broad background and the practical skills to help build inclusive communities. Acting as allies, graduates honour the self-determination of people with disabilities in reaching their goals.

This diploma provides a solid theoretical background in disability studies through comprehensive coursework. Supervised field placements provide opportunities for the practical application of theory and a broader educational experience.

CAREER POTENTIAL

Expanding community options for people with disabilities has created an urgent need for qualified professionals to work in a variety of settings. Graduates find employment as early intervention specialists, educational assistants, job coaches, rehabilitation practitioners, and community support. They are respected professionals with a strong sense of social justice and the vision to see the potential in every individual.

More than 95 per cent of graduates have found employment within six months of graduation for the last several academic years. Job satisfaction is high, and many graduates soon move into senior positions in organizations. Career potential in this exceptional employment market is limited only by your imagination and enthusiasm.

PROGRAM OF STUDY

Term IV		Credits
DSLCL 223	Positive Behaviour Support	2
DSLCL 225	Personal Care and Wellness	3
DSLCL 226	Approaches to Building Community	3
DSLCL 227	Supervision and Organizational Leadership	3
DSLCL 229	Seminar II	1
DSLCL 230	Field Placement II	3
	Elective	3

YEAR II

Term III		Credits
DSLCL 214	Seminar I	1
DSLCL 215	Field Placement I	2
DSLCL 216	Person Directed Practice	3
DSLCL 217	Family Support	3
DSLCL 218	Advocacy and Activism	2
DSLCL 219	Positive Approaches to Learning	3
	Elective	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Security Clearance – A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Immunization – A student must meet the specific immunization requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Standard First Aid – A student must meet the specific Standard First Aid requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5569

Toll-free 1-888-497-5723 ext 5569

E: disabilitystudies@macewan.ca

EARLY LEARNING AND CHILD CARE

Faculty of Health and Community Studies
Department of Human Services and Early Learning
MacEwan.ca/EarlyLearning

The Early Learning and Child Care Program prepares you to be an early childhood educator and care for the youngest citizens in our community. In this program, you learn how to foster children's growing sense of identity and belonging, as active, contributing members of the community. The foundation of professional practice is facilitating early learning through play.

The Early Learning and Child Care diploma prepares you to become knowledgeable, skilled, responsive educators and advocates for young children and their families. Courses focus on child development, curriculum planning, positive child guidance, professional team communications and working with families. Classes are a unique blend of experiential learning and theoretical knowledge. Course content focuses on children from birth to eight years.

Graduates of the program are confident in their ability to:

- respond to each child as a unique individual
- build strong and supportive relationships with families
- offer early learning curriculum experiences based on current theoretical perspectives.

The program works with community-based early childhood programs in the Edmonton region to provide opportunities to explore approaches to early learning and care in practice as well as to experience the realities of work in the field. Combined with classroom learning, these field experiences prepare graduates to be leaders in the early childhood profession.

A unique feature of the program is our Early Learning and Child Care Lab School. All students are actively involved with the early learning educators and the children in the centre. Students have regular opportunities to reflect on the integration of theory and practice using real life examples from the child care centre.

CAREER POTENTIAL

This rewarding profession has a high demand for graduates and an increasing variety of career options. Graduates are employed in child care centres, family day homes, and early intervention programs, family support programs, kindergarten and pre-kindergarten classrooms, playschools, preschools, out-of-school care centres, and parent relief child care centres. Graduates are prepared to work with infants, toddlers, preschoolers, and school-aged children.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma program may be granted up to 60 credits to MacEwan University's Bachelor of Child and Youth Care degree and up to 21 credits to the Bachelor of Arts degree. Graduates may also use this diploma to meet admission requirements to the Bachelor of Applied Human Service Administration degree. Students are advised to consult an advisor for these programs for specific admission requirements and required bridging course information.

EXTERNAL TRANSFER

All courses completed for the Early Learning and Child Care diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits to the Bachelor of Education-Elementary degree program at the University of Alberta and up to 60 credits of transfer credit at Athabasca University and the University of Calgary. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One Group B or D course
4. One Group A, B or C course
5. One Group C course

A maximum of two group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's full-time calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants are required to submit the following:

Current, clear Security Clearance with Vulnerable Sector Search by the academic document deadline.

Current Standard Child Care First Aid certificate as issued by the Canadian Red Cross or St. John Ambulance by the beginning of the intake term.

PROGRAM OF STUDY

YEAR I

Term I		Credits	Min. Grade
ECDV 101	Healthy Environments for Early Learning and Care	3	
ECDV 102	Curriculum I: Creative Expression in Early Learning and Care	3	
ECDV 110	Child Development I	3	C
ECDV 115	Communications I: Interpersonal Competencies	2	
ECDV 120	Field Placement I	3	C
ECDV 125	Integration Seminar I	1	C
ENGL 111	Communications	3	

Term II		Credits	Min. Grade
ECDV 155	Curriculum II: Learning Through Play	3	
ECDV 160	Child Development II	3	
ECDV 165	Communications II: A Constructivist Approach to Child Guidance	3	C
ECDV 170	Field Placement II	3	C
ECDV 175	Integration Seminar II	1	C
ECDV 210	Family-Centered Practice	2	

YEAR II

Term III		Credits	Min. Grade
ECDV 201	Curriculum III: Planning for Early Learning and Care	3	
ECDV 220	Field Placement III	3	C
ECDV 225	Integration Seminar III	1	C
ECDV 230	Communications III: Working in Professional Teams	2	
ECDV 260	Family and Community Issues	3	
ECDV 280	Infant and Toddler Care and Development	3	
Term IV		Credits	Min. Grade
ECDV 250	Foundations of Early Childhood	2	
ECDV 255	Child Development III	3	
ECDV 285	Curriculum IV: Theories of Early Learning	3	
ECDV 270	Field Placement IV	3	
ECDV 275	Integration Seminar IV	1	
OOSC 200	School Age Care and Development	3	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance) – A current, clear security clearance with vulnerable sector search is required for program admission. This check must be completed no earlier than four months prior to the program start date and submitted no later than the academic document deadline. Having a pardon in progress does not meet the admission requirement for a clear police information check.

Students are responsible for obtaining police information checks annually or at intervals specific to their field placement agency and for making these available upon request. Students may also be required to obtain in Intervention Record Check for some field placements. Students must be able to satisfy agency requirements prior to the start of each field placement.

A student must meet the specific police information check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

First Aid in Child Care – A student must meet the specific First Aid in Child Care requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5146

E: earlylearning@macewan.ca

EMERGENCY COMMUNICATIONS AND RESPONSE

*Faculty of Health and Community Studies
Department of Public Safety and Justice Studies
MacEwan.ca/Emergency*

In the increasingly complex field of emergency telecommunications, there is a need for personnel who have the ability to assess situations quickly and respond in an appropriate manner. Emergency communicators are the critical link between the public and those who provide police, fire and emergency medical assistance. As the field evolves, the need for highly skilled and knowledgeable professionals is critical. The field demands professionals who are able to multi-task, use high-tech equipment, think critically and quickly in a stressful setting, and respond to the challenges of the field.

The Emergency Communications and Response program develops the broad knowledge and skills required of call evaluators or dispatchers and the unique knowledge and skills in police, fire and emergency medical environments. The program is a full-time, eight-month certificate. Full-time program entry occurs each fall. The full-time program may be offered as a combination of day and evening courses. The students participate in a short field placement with a communication centre in the final month of the program.

CAREER POTENTIAL

Challenging and rewarding careers as call evaluators or dispatchers can be found in police, fire or medical communication centres in provincial, federal or municipal settings. Many opportunities are also available in specialized public or private communication centres dealing with priority service requests.

TRANSFERABILITY

Up to five courses can be applied to meet the requirements in the Police Studies or Investigative Studies majors in the Police and Investigations diploma at MacEwan University.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent) or GED diploma.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants must submit a current, clear Security Clearance.

PROGRAM OF STUDY

Term I		Credits
ECRP 131	Call Processing/Radio Communications	3
ECRP 141	Emergency Communications I	3
ENGL 111	Communications	3
PSSC 121	Law and the Administration of Justice	3
PSYC 104	Introductory Psychology I	3

Term II		Credits
ECRP 151	Emergency Communications II	3
ECRP 161	Emergency Planning	2
ECRP 171	Field Placement	2
ECRP 172	Integration Seminar	1
ECRP 181	Document Processing in Emergency Communications	1
PSSC 141	Interpersonal Skills	3
PSSC 212	Abnormal Behaviour and Crime	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY – EXEMPTION

A student in Emergency Communications and Response must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

University Advisor
T: 780-497-5379
E: emergencycommunications@macewan.ca

FINE ART

Faculty of Fine Arts and Communications

MacEwan.ca/FineArt

The two-year Fine Art diploma program prepares students for degree completion (Bachelor of Fine Art or Bachelor of Arts) and for starting a professional art practice. Students study historical and contemporary art in both studio and art history courses, along with English and university electives. Beginning Fall 2017, students will work in studios in the exciting new Centre for the Arts and Culture building on MacEwan University's downtown campus, giving them access to main campus facilities and services, as well as the cultural community in downtown Edmonton.

The newly revised program exposes students to the diversity of contemporary art practice, and emphasizes the development of creative, research and professional skills. In the first year, students learn principles and practices of contemporary art, and the history and theories of art and visual culture. In the second year, they begin to develop a personal direction as they study and explore contemporary art theories and practice, professional practice, and pursue idea and process within studio course objectives. Digital technologies along with traditional approaches are incorporated throughout the curricula in coursework in drawing, painting, sculpture, installation, performance art, digital art, video and emerging forms. Studio assignments are designed to foster creative problem-solving skills, fluency with creative language and a strong work ethic. Through critiques, lectures and seminars, students learn to discuss their own art as it relates to contemporary art and its influences and contexts.

The program hosts a Visiting Artist Lecture Series, which introduces students to internationally recognized artists who work in a variety of contemporary art forms, and the downtown location of our new campus will place students within walking distance of the many galleries and museums which they can visit over the course of their studies.

CAREER POTENTIAL

Graduates of the program can be self-employed artists who work on commissioned artworks or exhibit their artwork in art galleries and museums or the public sphere. The program provides a solid grounding for them to be able to pursue various career pathways such as becoming designers, illustrators, architects, public and private school art teachers, university professors, photographers, art historians, art writers, gallery administrators, art school shop technicians, curators, consultants, and art conservators.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree.

EXTERNAL TRANSFER

All courses completed for the Fine Art diploma are credit courses and may be transferable individually or by block transfer toward a Bachelor of Fine Art degree at ACAD (Alberta College of Art and Design) and other Alberta and Canadian institutions (e.g., Emily Carr, NSCAD). Admission to provincial or out-of-province degree-granting art institutions is generally determined through an evaluation of the student's MacEwan University transcript and the level of portfolio achievement. Students interested in transferring a completed diploma are advised to consult the receiving institution regarding their application requirements, procedures and transfer policies.

For current, detailed information on individual course and diploma transferability in Alberta, refer to the Online Alberta Transfer Guide (www.transferralberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 60 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One Group A course
3. One Group B or C course
4. One Group C or D course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C+ on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C+ on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must submit a portfolio and a statement of intent to be assessed by a committee of Fine Art faculty.

Successful applicants will demonstrate in their portfolio:

- a basic understanding of composition, colour, tone and perspective
- an interest in working with a variety of mediums and subjects
- an understanding of the difference between 'fine art' and commercial forms such as comic and fantasy imagery
- an attention to presentation

Successful applicants will demonstrate in their statement of intent:

- the ability to express ideas well in writing
- how this MacEwan University program is aligned with their interests and goals
- an interest in learning about the theories and practice of historical and contemporary art

PROGRAM OF STUDY

YEAR I

		Credits	Min. Grade
Term I			
ARTE 104	Introduction to Art and Visual Culture	3	C-
ARTE 107	3D Foundation	3	C-
ARTE 110	Foundation Drawing	3	C-
ARTE 111	2D Foundation	3	C-
ENGL 102	Analysis and Argument	3	D

Term II

		Credits	Min. Grade
ARTE 106	Digital Foundations	3	C-
ARTE 119	Introduction to Creative Research	3	C-
ARTE 120	Observational Drawing	3	C-
ARTE 224	Art and Visual Culture I	3	C-
ENGL 103	Introduction to Literature	3	D

YEAR II

		Credits	Min. Grade
Term III			
ARTE 205	Introduction to Painting	3	C-
ARTE 206	Intermedia: Digital Art	3	C-
ARTE 230	Introduction to Contemporary Drawing	3	C-
ARTE 234	Art and Visual Culture II Elective	3	D

Term IV

		Credits	Min. Grade
ARTE 207	3D Spatial Practice	3	D
ARTE 208	Introduction to Professional Practice	3	D
ARTE 219	Concepts and Practice	3	D
	Fine Art Option - Senior level	3	D
	Elective or Option	3	D

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Students in the Fine Art program are required to successfully complete all courses in Year 1 of the Program of Study in order to be able to progress to Year 2.

Program courses (ARTE) and Design Studies courses (DESN, VCDE, VCDF, VCDI, VCDM, VCDR, VCMI, VCOM, VCPH, VCPR) cannot be used to fulfill elective requirements.

CONTACT INFORMATION

Rosemary Clancy, Instructional Assistant
T: 780-497-4321
E: fineart@macewan.ca

GENERAL STUDIES

Faculty of Arts and Science

MacEwan.ca/GeneralStudies

Note: Not accepting applications at this time.

General Studies is excellent preparation for entry into career studies, university-transfer and degree programs at MacEwan University, and various other faculties in Alberta universities. The General Studies program offers university-credit coursework in the following areas: anthropology, art history, biology, classics, computer science, drama, economics, health education, history, music, philosophy, political science, psychology, and sociology.

Students are encouraged to seek admission to a degree or university-transfer program, even if their academic goal is undecided. If a student does not meet the admission requirements of the Bachelor of Arts or another university program, the General Studies program may be the right option. University-credit courses are available through the General Studies program, although it is not considered a degree or university-transfer program.

Note:

- General Studies offers a liberal arts education. Normally, only first-year courses are available to General Studies students
- Students are encouraged, but not required, to complete a General Studies diploma (60 credits) while enrolled in the program. General Studies students who have completed the diploma will be eligible for MacEwan University alumni benefits

CAREER POTENTIAL

The General Studies program is not designed as a career program. However, the benefits of its liberal arts programming can be an important asset to any career. Prospective applicants are encouraged to contact the General Studies program to ensure it is appropriate to assist them with their academic goals.

PROGRAM OF STUDY

Diploma – 60 credits

English 6

Any courses in English except upgrading and developmental courses

Social Science 15

Any courses in anthropology, economics, political science, psychology (except PSYC 104) or sociology

Canadian Studies 6

Two of the following: ECON 102, HIST 260, HIST 261, POLS 221, SOCI 101

Humanities 12

Any courses in classics, history or philosophy

Science 3

One of the following: BIOL 101, BIOL 103, PSYC 104, CMPT 101, PHIL 125

Electives 18

Any baccalaureate-level courses with a minimum of three credits.

All courses taken to satisfy diploma requirements must have a minimum value of three credits.

With approval, additional courses may be used to satisfy course and discipline requirements.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-4505

E: artsandscience@macewan.ca

HEARING AID PRACTITIONER

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/HearingAid

HEARING AID PRACTITIONERS

Hearing aid practitioners evaluate hearing ability, select, fit and sell hearing aids and assistive listening devices, and provide counseling and support to adult hearing aid and/or assistive device users. They generally work in and/or own hearing aid dispensing businesses, but can also work for hearing aid manufacturing companies.

Hearing aid practitioners are regulated and/or licensed in most provinces in Canada. In order to maintain their professional status, hearing aid practitioners must abide by a code of ethics, demonstrate competence, and participate in ongoing continuing education activities required for professionals in their jurisdiction.

THE HEARING AID PRACTITIONER PROGRAM

The program is a 60-credit, distance-delivery diploma with 19 courses required for graduation. Full-time students complete the program in two years, while part-time students may take up to seven years to complete program requirements.

Students are provided with curriculum materials online and purchase textbooks and other learning resources to supplement the online curriculum. Contact with instructors and other students is provided through asynchronous interaction online within classes; individual instructor support is provided upon request.

Students must have Internet access (high-speed access is recommended) because most courses require online interaction with the instructor and other students. Assignments are submitted online, and exams and quizzes are all completed online.

To complete practical assignments in most courses, students either attend labs at MacEwan University in Edmonton or find a local licensed professional and request permission from the program to have the professional supervise them in completing practical requirements. Attendance at the university is mandatory for 10 days in the Winter term prior to graduation to complete labs in the final hearing testing and hearing aid courses. At the end of the program, students find a local clinic, request program approval for supervision from a professional working in the clinic, and complete at least 180 hours of supervised hearing aid dispensing work in the clinic.

CAREER POTENTIAL

Trained hearing aid practitioners are in high demand in Canada and internationally.

TRANSFERABILITY

All courses completed for the Hearing Aid Practitioner diploma are credit courses and may be transferable individually toward further study at other Alberta or Canadian institutions. Graduates of the program may receive up to 60 credits of transfer credit at Athabasca University, and are also eligible to apply for admission to the Bachelor of Health Science and General Studies degree programs at Thompson Rivers University.

For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One Group A or C course
3. Two Group A, B, C or D courses or any 33-level course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete the math portion of Skills Appraisal only if they do not present a 20 level Math course (or equivalent) with minimum grade of 50 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR I

			Credits	Min. Grade
Term I				
ENGL 111	Communications		3	
HAPR 101	Bioacoustics of Human Hearing		3	C-
HAPR 102	Hearing Testing I		2	
HAPR 103	Hearing Instrument Technology I		4	C-

Term II

			Credits	Min. Grade
HAPR 105	Customer Relations and Communications		3	C-
HAPR 110	Hearing Disorders		2	C-
HAPR 111	Hearing Testing II		4	C-
HAPR 202	Aural Rehabilitation I		3	
	Elective		3	

Term III

			Credits	Min. Grade
HAPR 114	Professional Practice		4	C-

YEAR II

			Credits	Min. Grade
Term IV				
HAPR 104	The Aging Client		3	C-
HAPR 201	Interviewing and Counselling		3	C-
HAPR 203	Hearing Instrument Technology II		4	
HAPR 210	Aural Rehabilitation II		3	C-

Term V

			Credits	Min. Grade
HAPR 108	Business Management		3	C-
HAPR 112	Professional Responsibilities		3	C-
HAPR 204	Hearing Testing III		2	C-
HAPR 211	Hearing Instrument Technology III		4	C-

Term VI

			Credits	Min. Grade
HAPR 212	Field Placement		4	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

University Advisor

T: 780-497-5723

Toll-free: 1-888-497-5622 ext. 5723

E: hearingaid@macewan.ca

HUMAN RESOURCES MANAGEMENT

School of Business

MacEwan.ca/HRManagement

Human resource (HR) management professionals add value to their organizations by creating solutions to complex issues, such as succession planning, staffing strategies and adjusting to workplace change.

Designed by leading practitioners in the field, this program gives students both the skills and strategic insights necessary for successful human resources management practice. Students learn about general management theories, organizational behaviour, labour and employee relations, employee training and development, compensation, staffing, workplace health and safety, employment law and change management. The program combines case study analysis with exposure to actual human resources projects and challenges.

This full-time, two-year diploma is delivered evenings and Saturday mornings. This format enables our instructors, HR professionals and specialists, to be available to teach in the program. The program is also available in a part-time and online format.

CAREER POTENTIAL

Graduates of this program work in a variety of organizational settings and in a range of capacities. Typical positions include benefits assistants, human resources advisors, corporate trainers, employee relations co-ordinators and recruiters.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Commerce degree and up to 21 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Human Resources Management certificate and diploma programs are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group A course
4. One Group C course
5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 per cent or Applied Mathematics 30 with a minimum grade of 65 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

CONTACT INFORMATION

T: 780-497-5162

E: hrprogram@macewan.ca

PROGRAM OF STUDY

Certificate – 30 credits (Year I)**Diploma – 60 credits (Years I and II)****YEAR I**

Term I		Credits
ENGL 111	Communications	3
HRMT 200	Management of Human Resources	3
FNCE 113	Intro to Quantitative Decision	3
MGMT 107	Business Computing	3
MGMT 122	Organizational Behaviour	3

Term II		Credits
HRMT 145	Staffing	3
HRMT 131	Compensation	3
HRMT 160	Training and Development	3
BUSN 201	Introduction to Sustainable Business	3
LEGL 212	Employment Law	3

YEAR II

Term III		Credits
HRMT 151	Employee and Labour Relations	3
ORGA 233	Organizational Effectiveness and Change	3
PROW 210	Advanced Business Writing	3
ACCT 111	Financial Accounting I	3
	Non Business Elective	3

Term IV		Credits
HRMT 231	Employee Benefits	3
HRMT 275	Workplace Health and Safety	3
HRMT 295	Strategic Human Resources Management	3
ORGA 314	Managing Negotiation	3
	Elective	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

LEGAL ASSISTANT

School of Business

MacEwan.ca/Legal

This program has been preparing students to work in legal support positions in law offices for almost 40 years. One of the primary objectives of the program is to familiarize students with the legal terms, concepts and documentation used in a legal office. Students learn theory as well as practical and procedural steps in a number of fields, including litigation, real estate, commercial transactions, administration of estates and corporate law. As well, the program introduces students to law office technology and the computer skills necessary for work in a legal environment.

Students come to the Legal Assistant program with an enthusiasm for the law, a drive to learn and a desire to play a key role in the legal process. They graduate with a strong theoretical and practical foundation that allows them to realize that goal.

Students also develop the communication skills – spoken and written – necessary for the law office. During the last term of study, students participate in a five-week field placement, which provides them with valuable practical experience in a legal setting and often leads to permanent employment. The field experience component gives students an opportunity to see first-hand how a law office functions.

If you are unable to attend university full time, the program also offers a part-time evening diploma study option.

CAREER POTENTIAL

While the primary aim of the program is to prepare graduates for work in law offices, many find employment opportunities in government or in the legal departments of large corporations. The program also prepares graduates to work in other settings, such as trust companies and real estate companies. This program is highly respected by the legal community for its ability to adapt to and meet the changing needs of the profession. For this reason, there are excellent career opportunities in Alberta.

TRANSFERABILITY

All courses completed for the Legal Assistant diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent) and have a minimum of 65 per cent in ELA30-1 or 75 per cent in ELA30-2.

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1 or ELA 30-2
 2. Math 30-1 or Math 30-2
 3. One Group B or D course
 4. Two Group A, B or C courses

A maximum of two Group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum of 65 per cent in ELA 30-1 or 75 per cent in ELA 30-2.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicants are required to successfully pass a five-minute keyboard test.

PROGRAM OF STUDY

YEAR I

		Credits
Term I		
ENGL 111	Communications	3
LEGL 110	Introduction to Legal Research	3
LEGL 210	Business Law I	3
LEGL 130	Corporate Procedures	3
OADM 103	Word Processing for Legal Assistants	3

		Credits
Term II		
LEGL 140	Introduction to the Law Office	3
LEGL 150	Residential Real Estate Transactions	3
LEGL 160	Civil Litigation Procedures I	3
LEGL 170	Technology in the Law Office I	3
LEGL 180	Financial Procedures for the Law Office	3

YEAR II

		Credits
Term III		
LEGL 215	Commercial Transactions	3
LEGL 220	Criminal Law Procedures	3
LEGL 230	Civil Litigation Procedures II	3
LEGL 240	Technology in the Law Office II	3
	Elective	3

		Credits
Term IV		
LEGL 260	Credit and Collection Procedures	3
LEGL 270	Estate Procedures	3
LEGL 280	Family Law Procedures	3
LEGL 290	Law Office Simulation	3
LEGL 295	Legal Fieldwork	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162
E: legal@macewan.ca

LIBRARY AND INFORMATION TECHNOLOGY

School of Business

MacEwan.ca/LIT

Since the Library and Information Technology program started more than 40 years ago, the proliferation of information has led to a dramatic increase in the use of technology to organize, control and provide access to information resources.

Information personnel require excellent interpersonal and communication skills coupled with the ability to deal accurately with detail. They are versatile and can quickly adapt to a rapidly changing work environment.

Students in the Library and Information Technology program develop the expertise needed to organize, retrieve and manage information. Graduates are equipped with the skills necessary to work in any setting that handles information management, not just traditional libraries.

This program exposes students to practical aspects of the profession, including cataloguing, reference, circulation, research techniques, information systems design, records management, and services to various types of library patrons. Using a wide array of electronic and print resources, students become familiar with the broad scope of information organization and retrieval. Students will also develop strong professional skills and competencies to work effectively within an organizational structure and in a customer service role. They will examine the central purpose of libraries in society, and consider ways that social responsibility, ethical behaviour, and social justice are important philosophical foundations for the library profession.

CAREER POTENTIAL

The demand for qualified information specialists is growing. Graduates of this program find employment in libraries, large corporations, schools, government departments, universities, publishing houses, research organizations, consulting companies and software producers. They work as library technicians, research or library assistants for corporations, records management technicians and library software specialists, to name just a few jobs.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree.

EXTERNAL OPPORTUNITIES

All courses completed for the Library and Information Technology diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits of transfer credit at Athabasca University and the University of Alberta. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2
3. One Group B course
4. One Group C course
5. One Group A, B or C course

A maximum of two Group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR I

Term I		Credits
ENGL 111	Communications	3
OR		
ENGL 102	Analysis and Argument	3
INFM 101	Introduction to Information Resources	3
INFM 103	Reference Fundamentals	3
INFM 104	Acquisition and Management of Collections	3
MGMT 107	Business Computing	3

Term II

Term II		Credits
ENGL 211	Business Communications	3
OR		
ENGL 103	Introduction to Literature	3
INFM 210	Information and Society	3
INFM 152	Information Services I	3
INFM 155	Organization of Information I	3
	Elective	3

YEAR II

Term III		Credits
INFM 202	Information Services II	3
INFM 205	Organization of Information II	3
INFM 208	Library Services for Children and Young Adults	3
INFM 209	Records, Information and Privacy Management	3
MGMT 122	Organizational Behaviour	3

Term IV

Term IV		Credits
INFM 219	Archives and Electronic Records Management	3
INFM 258	Information Systems Design	3
INFM 259	Information Services Management	3
INFM 260	Field Placement	3
	Elective	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162

E: lit@macewan.ca

MASSAGE THERAPY

*Faculty of Health and Community Studies
Department of Allied Health and Human Performance*
MacEwan.ca/Massage

The Massage Therapy program offers a unique blend of scientific theory and clinical practice. It offers a comprehensive clinical education that develops well-rounded massage therapists able to practice in a wide range of medical and therapeutic environments. The program teaches soft tissue manipulation techniques for the assessment and treatment of stress, pain and a variety of physical conditions. With challenging courses in anatomy, physiology, kinesiology, pathology and communication, students gain a foundation of knowledge that carries them through dynamic field placement experiences and professional practice at MacEwan University's public massage clinic.

The program prepares students to become a registered massage therapist (RMT) with a provincial association. With MacEwan University's reputation as a leader in massage education, graduates may be eligible for registration across Canada and internationally.

CAREER POTENTIAL

Massage therapy is on the leading edge of a vastly expanding market of health-related services. As massage therapy continues to gain recognition in the general population and the health care community, the profession can be seen as having high job potential, particularly with the growing trend toward self-employment. Graduates can specialize in areas that suit their lifestyles, their needs and the needs of their patients. Potential work sites for massage therapists include multi-disciplinary health-care settings, private practice, sports centres, hospitals, and health spas.

TRANSFERABILITY

Diploma graduates have a wide range of continuing education options, ranging from ongoing study in specialty areas to undergraduate and graduate study at institutes and universities across North America. Graduates of this diploma are eligible to apply for admission to the Bachelor of Health Science and General Studies programs at Thompson Rivers University.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent) and have completed one of the following with a minimum grade of 50 per cent:

- Chemistry 30
- Biology 30
- Science 30

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants who have taken MacEwan University's Massage Therapy courses must have achieved a minimum grade of C- on each course.

Applicants are required to complete a two to three page (typewritten) career investigation report.

Conditionally accepted applicants are required to submit the following:

- Current, clear Security Clearance before the start of the first term.
- Immunization Record form meeting provincial regulations for health care workers prior to Clinical Practice III.

PROGRAM OF STUDY

YEAR I

		Credits	Min. Grade
Term I			
ENGL 111	Communications	3	
MTST 108	Massage Therapy Foundations	2	C-
MTST 109	Palpation Lab	1	C-
	Functional Survey for Massage Therapists		
MTST 115		1	C-
MTST 120	Human Anatomy I	3	C-
MTST 125	Physiology I	3	C-
MTST 131	Techniques I	3	C-

		Credits	Min. Grade
Term II			
MTST 122	Human Anatomy II	3	C-
MTST 126	Physiology II	3	C-
MTST 137	Developing Therapeutic Relationships	2	C-
MTST 142	Techniques II	3	C-
MTST 146	Body Movements	3	C-
MTST 161	Clinical Practice I	1	C-

		Credits	Min. Grade
Term III			
MTST 143	Techniques III	3	C-
MTST 155	Assessment for Massage Therapists I	2	C-
MTST 162	Clinical Practice II	1	C-

YEAR II

		Credits	Min. Grade
Term IV			
HLST 150	Pathophysiology	3	C-
	Research Literacy for Massage Therapists		
MTST 151		1	C-
MTST 156	Assessment for Massage Therapists II	2	C-
MTST 224	Techniques IV	3	C-
MTST 260	Clinical Practice III	1	C-
	Massage Therapy for Special Populations I		
MTST 273		2	C-
MTST 281	Treatments and Planning I	2	C-

		Credits	Min. Grade
Term V			
HLST 290	Nutrition/Pharmacological Concepts	3	C-
MTST 225	Techniques V	3	C-
MTST 261	Clinical Practice IV	1	C-
	Massage Therapy for Special Populations II		
MTST 274		2	C-
MTST 283	Treatments and Planning II	2	C-
MTST 286	Sport Massage	3	C-

		Credits	Min. Grade
Term VI			
MTST 226	Techniques VI	3	C-
MTST 262	Clinical Practice V	1	C-
	Business Management for Massage Therapists		
MTST 265		2	C-
OR	Business Elective	3	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance) – A student must meet the specific Police Information Check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Immunization – A student must meet the specific immunization requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

First Aid/CPR (HCP-Level C) – A student must meet the specific first aid/CPR (HCP-Level C) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-4129
E: message@macewan.ca

OCCUPATIONAL HEALTH NURSING

*Faculty of Nursing
Centre for Professional Nursing Education*

MacEwan.ca/OHN

Occupational Health Nursing (OHN) focuses on protecting workers from hazards in their work, promoting workers' health, preventing illness and injuries and placing workers in jobs suited to their physical, mental and psychosocial abilities. The broad scope of practice encompasses the application of theoretical principles in management, health assessment, health education, counselling, occupational hygiene, toxicology, program development, information management, primary care, emergency response, disability management and client advocacy.

This 30-credit program is offered via online distance delivery, which allows students to study while they maintain their personal and professional obligations. In combination with required clinical hours this program prepares graduates to write the Canadian Nurses Association (CNA) Occupational Health Nursing certification exam.

CAREER POTENTIAL

There is a broad spectrum of employment opportunities for a qualified OHN. Prospective places of employment include the manufacturing, food processing, petrochemical and mining industries, as well as health care agencies, government offices and educational institutions.

TRANSFERABILITY

All courses completed for the Occupational Health Nursing certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate in this program may receive up to 22 credits of transfer credit at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be actively registered as a Registered Nurse in Canada or licensed as a nurse in another country, and have received a practicing permit from their professional provincial jurisdiction.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Within the first nine credits, applicants must successfully complete the following MacEwan University course (or equivalent), with a minimum grade of C-:

- ENGL 111 Communications

OR

- ENGL 108 An Introduction to Language or Literature

PROGRAM OF STUDY

		Credits	Min. Grade
OCCH 300	Introduction to Occupational Health Nursing	3	C-
OCCH 301	Occupational Environments	4	C-
OCCH 302	Occupational Health Screening	4	C-
OCCH 303	Field Experience in Occupational Health Nursing	2	C-
OCCH 304	Occupational Health Program Development	3	C-
OCCH 305	Disability Management	3	C-
OCCH 306	Trends and Issues in Occupational Health	3	C-
OCCH 307	Occupational Toxicology	3	C-
OCCH 308	Health Surveillance	3	C-
OCCH 309	Occupational Health Nursing: Final Project	2	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM TIME LIMIT – EXEMPTION

A student in Occupational Health Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

PROGRAM GRADUATION REGULATIONS

Active Registered Nurse License – Students must meet the specific registered nurse requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5188

Toll-free: 1-888-497-9390

E: cpne@macewan.ca

OFFICE ASSISTANT

School of Business

MacEwan.ca/OfficeAssist

For more than 40 years the Office Assistant program has been providing quality graduates. Today's office assistants are highly accomplished software experts who use their skills to help other staff get the most from a computerized office. In addition, office assistants are involved in managing the organizational affairs of their areas that include handling public enquiries, managing computer and paper files, organizing schedules, arranging meetings of senior staff, as well as providing strong customer service and problem-solving skills.

The Office Assistant program is ideal as a foundation for other careers or as a complement to prior training and experience. It runs for 10 months from September until June, ending with a field placement. It is a comprehensive program that offers students the opportunity to specialize in one of the following three majors:

- Administrative
- Legal
- Medical

The program is well suited for individuals with strong organizational skills, an interest in computers, a professional manner, and excellent verbal and written communication skills. Graduates are often required to work independently, so students who are positive and self-motivated do exceptionally well. The program has built a solid reputation with employers, resulting in a job placement rate near 100 per cent.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of the Office Assistant, Legal major certificate may be granted up to 30 credits to MacEwan University's Legal Assistant diploma. Graduates of the Office Assistant, Administrative major certificate may be granted up to 15 credits to MacEwan University's Business Management diploma. Students are advised to consult a program advisor in the respective programs for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Office Assistant certificate (all majors) are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate are eligible for admission into Year II of the Office Administration diploma at Grande Prairie, Keyano and Red Deer Colleges. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1 or ELA 30-2
 2. Math 30-1 or Math 30-2
 3. One Group A course
 4. One Group C course
 5. One Group A, B or C courses

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

OFFICE ASSISTANT

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to successfully pass a five-minute keyboard test.

For Medical Major only:

- Conditionally accepted applicants are required to submit a current Police Information Check (or equivalent) with no criminal charges or convictions or with eligibility to apply for a pardon and no open youth record.
- Conditionally accepted applicants are required to submit an immunization record form meeting provincial regulations for health care workers.

Administrative major

The administrative major provides students with a wide range of skills covering all aspects of the office environment from word processing and accounting to office procedures and customer service. Technology is an integral part of this program – students are trained with the latest software programs as they learn how to process and manage information efficiently.

CAREER POTENTIAL

Students can expect to work as office assistants, receptionists, administrative assistants, executive assistants, personal assistants or secretaries in private companies, business and government offices, and non-profit associations. This program prepares graduates to work in many diverse areas and there are excellent career opportunities.

PROGRAM OF STUDY

Term I		Credits
ENGL 111	Communications	3
OAAS 110	Administrative Office Procedures I	3
OAAS 111	Office Technology I	3
OADM 112	Customer Communications and Service I	3
OADM 113	Document Formatting I	3
OADM 124	Office Math Applications	1

Term II		Credits
ACCT 100	Introduction to Accounting and Computerized Accounting Applications	3
OAAS 120	Administrative Office Procedures II	3
OAAS 121	Office Technology II	3
OAAS 127	Presentations and Web Pages	3
OADM 122	Customer Communications and Service II	3
OADM 123	Document Formatting II	3

Term III		Credits
OAAS 130	Administrative Office Procedures III and Field Placement	3
OAAS 131	Office Technology III	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Legal major

The legal major provides core office skills and legal-specific courses for entry-level legal assistants that include legal transcription, basic legal theory and legal office procedures. The legal assistant in today's competitive market must be adept with technology, understand procedures in a law office, have a basic knowledge of law and be able to work within time limits.

CAREER POTENTIAL

Graduates work as entry-level legal assistants, transcriptionists or word processing operators in law offices, legal departments of government or private industry, or in general business offices.

PROGRAM OF STUDY

Term I		Credits
ENGL 111	Communications	3
LEGL 100	Introduction to Law I	3
OADM 113	Document Formatting I	3
OALS 110	Legal Office Procedures I	3
OALS 111	Word Processing	3
OALS 115	Corporate Procedures in the Law Office	3

Term II		Credits
LEGL 104	Introduction to Law II	3
OALS 112	Customer Communications and Service	3
OALS 120	Legal Office Procedures II	3
OALS 121	Integrated Office Applications	3
OALS 123	Legal Research and Technology	3
OADM 124	Office Math Applications	1

Term III		Credits
OALS 131	Legal Transcription and Field Placement	3
OALS 132	Conveyancing Procedures in the Law Office	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Medical major

The medical major provides students with the computer and medical software skills necessary for today's health care field. Students will receive a solid foundation in medical and pharmaceutical terminology, transcription, and medical office procedures which will prepare graduates for a variety of unit clerk and medical office assistant positions.

CAREER POTENTIAL

Graduates work as unit clerks, medical office assistants, medical receptionists and transcriptionists in medical offices, clinics, hospitals and government agencies, as well as general areas such as insurance.

PROGRAM OF STUDY

Term I		Credits
ENGL 111	Communications	3
OAMS 110	Medical Office Procedures I	3
OAMS 111	Office Technology and Skill Development I	3
OAMS 113	Medical Terminology I	3
OAMS 114	Pharmaceutical Terminology	3
OAMS 128	Office Math Applications and Basic Bookkeeping	2
Term II		Credits
OAMS 112	Customer Communications and Service	3
OAMS 120	Medical Office Procedures II	3
OAMS 121	Office Technology and Skill II	3
OAMS 123	Medical Terminology II	3
OAMS 126	Medical Transcription	3
OAMS 127	Unit Clerk	2
Term III		Credits
OAMS 130	Medical Office Procedures III	3
OAMS 134	Medical Major – Field Placement	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS – MEDICAL MAJOR

Progression of Studies

In order to register in Field Placement (OAMS 134), students in the Office Assistant Program, Medical major, are required to successfully complete all Terms I courses, all Term II courses and OAMS 130, and have achieved a minimum 2.0 GPA. The Office Assistant program will provide the consent to students to register in OAMS 134 if the above conditions are met. If these conditions are not met, the program will de-register students from the Field Placement (OAMS 134) as required.

CONTACT INFORMATION

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POLICE AND INVESTIGATIONS

*Faculty of Health and Community Studies
Department of Public Safety and Justice Studies*

MacEwan.ca/Investigations
MacEwan.ca/Police

Investigate which of the two-year diplomas offered through the Police and Investigations program prepares you for the career of your choice: Investigative Studies or Police Studies.

Investigative Studies

To respond to society's increasing concern for security, the demand for educated personnel in both the public and private sectors of protective services continues to grow at a phenomenal rate. To meet the emerging challenges and responsibilities of this growing profession, the two-year diploma emphasizes the knowledge and skills necessary to conduct investigations and develop and implement comprehensive security programs.

Evidence of the growth in this profession is often visible. However, there also exists a less visible side of private investigations and security that includes a diverse group of specialists who engage in investigative work for banks, retail outlets, corporations and government. As the roles continue to expand and become increasingly complex, individuals must be well-grounded in the law and investigative techniques and develop a broad understanding of the field.

The diploma consists of 61 credits and can be completed through full-time day or part-time evening studies. The full-time day program is completed over a two-year period, with one intake in the Fall term. Part-time evening studies can begin in the Fall or Winter, subject to course offerings.

Admission to the program is competitive and is subject to a quota.

CAREER POTENTIAL

Investigative Studies provides a foundation for individuals seeking positions as investigators, security practitioners and management professionals. Investigators and security practitioners are found within a broad cross-section of public and private institutions and organizations. Some examples include investigators within federal, provincial and municipal government departments, sheriff's department, security consultants and private investigators. Other related career options include emergency planner, customs and immigration officer, border services officer, insurance investigator, public security peace officer, municipal bylaw enforcement officer, animal control officer, special constables, liquor and gaming inspectors, hospital security officers, maintenance enforcement officers, peace officers and transit security officers.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Applied Human Services degree and up to 30 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Police and Investigations, Investigative Studies Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may be eligible to receive up to 60 credits to the Bachelor of Professional Arts in Criminal Justice at Athabasca University and a block transfer of 15 credits to the Bachelor of Arts in Criminal Justice Major at Mount Royal University. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or Social Studies 30-2
3. Three subjects from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or two three-credit subjects.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search and contains no open youth record. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I		Credits	Min Grade
Term I			
ENGL 111	Communications	3	
PSYC 104	Introductory Psychology I	3	
PSSC 121	Law and the Administration of Justice	3	
PSSC 132	Investigative Law	3	
PSSC 151	Security Programs and Risk Management	3	
Term II		Credits	Min Grade
ENGL 211	Business Communications	3	
PSSC 133	Legal Evidence in Investigations	3	
PSSC 141	Interpersonal Skills	3	
PSSC 252	Investigations I	3	
SOCI 100	Introductory Sociology	3	C-
YEAR II		Credits	Min Grade
Term III			
PSSC 152	Loss Prevention Program Management	3	
PSSC 212	Abnormal Behaviour and Crime	3	
PSSC 242	Leadership Skills	3	
PSSC 262	Integration Seminar	1	
PSSC 272	Field Placement	4	
SOCI 225	Criminology	3	C-
Term IV		Credits	Min Grade
PSSC 253	Investigations II	3	
PSSC 263	Integration Seminar	1	
PSSC 273	Field Placement	4	
PSSC 293	Emergency Management	3	
SOCI 321	Youth, Crime and Society	3	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Police Studies

With rapid societal change and evolving technology, there is a need for police officers dedicated to the community, to problem solving and to making a difference. Policing in the 21st century requires a broad base of knowledge and skill. This challenging and rewarding two-year diploma provides potential police officers with knowledge and skills in leadership techniques, policing, criminalistics, investigative techniques, criminology, law, psychology, sociology and human relations.

The diploma consists of 61 credits and can be completed through a full-time day program or part-time evening studies. The full-time day program is completed over two years, with one intake in the Fall term. Part-time evening studies can begin in the Fall or Winter, subject to course offerings.

Admission to the program is competitive and is subject to a quota.

CAREER POTENTIAL

Graduates from Police Studies may gain employment with the RCMP, municipal police services (e.g. Edmonton Police Service, Calgary Police Service) across Canada, the CN Police, Sheriff's Department and the Canadian Forces Military Police. Graduates must apply directly to a police service and meet its minimum standards.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University's Bachelor of Applied Human Services degree and up to 30 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Police and Investigations, Police Studies Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may be eligible to receive up to 60 credits to the Bachelor of Professional Arts in Criminal Justice at Athabasca University and a block transfer of 15 credits to the Bachelor of Arts in Criminal Justice Major at Mount Royal University. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferralberta.ca) or contact the receiving institution directly.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent) or GED diploma.

Applicants must have a minimum overall average of 65 per cent with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. Three subjects from Group A, B, C, or D

POLICE AND INVESTIGATIONS

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or two three-credit subjects.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to complete the fitness test. Applicants must meet the minimum standard (rating of 1) for each fitness test component and achieve a minimum score of 30/50.

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search and contains no open youth record. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I

Term I		Credits	Min Grade
ENGL 111	Communications	3	
PSYC 104	Introductory Psychology I	3	
PSSC 112	Policing in Canada	3	
PSSC 121	Law and the Administration of Justice	3	
PSSC 122	Criminal Law	3	
Term II		Credits	Min Grade
ENGL 211	Business Communications	3	
PSSC 102	Criminal Investigation	3	
PSSC 123	Legal Evidence in Criminal Investigations	3	
PSSC 141	Interpersonal Skills	3	
SOCI 100	Introductory Sociology	3	C-

YEAR II

Term III		Credits	Min Grade
PSSC 203	Forensic Science	3	C-
PSSC 212	Abnormal Behaviour and Crime	3	
PSSC 242	Leadership Skills	3	
PSSC 262	Integration Seminar	1	
PSSC 272	Field Placement	4	
SOCI 225	Criminology	3	C-
Term IV		Credits	Min Grade
PSSC 204	Forensic Investigation	3	
PSSC 263	Integration Seminar	1	
PSSC 273	Field Placement	4	
PSSC 283	Emergency Planning and Response	3	
SOCI 321	Youth, Crime and Society	3	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY – EXEMPTION

A student in Police and Investigations (Police Studies or Investigative Studies) must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

PROGRAM GRADUATION REGULATIONS (BOTH MAJORS)

Security Clearance Police Information Check. A current, clear Security Clearance/Police Information Check with Vulnerability Sector search is required for program admission. This check must be completed no earlier than three months prior to the program start date and submitted no later than the academic document deadline.

Students are responsible for obtaining a Security Clearance/Police Information Check annually and for submitting these to the Program prior to September 1 for the duration of the program.

Students must be able to satisfy agency requirements prior to the start of each field placement.

A student must meet the specific Security Clearance/Police Information Check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

Full-time day
Instructional Assistant
T: 780-497-5186
E: investigations@macewan.ca
E: police@macewan.ca

Part-time
University Advisor
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E: policeparttime@macewan.ca

PSYCHIATRIC NURSING

Faculty of Nursing
Department of Psychiatric Nursing
MacEwan.ca/PsychNursing

MacEwan University's Psychiatric Nursing diploma prepares graduates for a professional career as a registered psychiatric nurse (RPN). This 28-month program is designed for full-time studies and comprises 89 credits of coursework distributed over 2.5 academic years. The program has intakes at two sites: City Centre Campus in Edmonton and the Centennial Centre for Mental Health and Brain Injury in Ponoka.

The curriculum helps students develop the professional competencies they need to care for people experiencing mental and physical health problems. Graduates are ready to promote optimal wellness for patients/clients and provide holistic, client-centred nursing care across the lifespan. The program of study incorporates extensive theory, laboratory and clinical practice. It builds on knowledge from nursing and psychiatric nursing, as well as the biological, health and social sciences. Concentrated blocks of nursing practice experiences, scheduled in a variety of settings, are strategically positioned within each academic year.

Graduates of this program receive a diploma in Psychiatric Nursing and are eligible to write the Registered Psychiatric Nurses of Canada Examination (RPNCE), which is required for registration as an RPN. Program graduates who wish to further their studies in their chosen field may apply for admission to MacEwan University's 45-credit Bachelor of Psychiatric Nursing degree.

CAREER POTENTIAL

RPNs play an integral role as members of the inter-professional health care team. They are employed in such areas as community mental health, acute and sub-acute psychiatry, palliative care, rehabilitation, continuing care, correctional services, crisis intervention, mental health and addictions, education, research and private practice. Psychiatric nurses bring an important mental health perspective to the delivery of health services through their employment in such roles as staff psychiatric nurses, addictions counsellors, therapists, community mental health workers, case managers, educators, administrators, researchers and self-employed practitioners. Psychiatric nursing is recognized as a distinct profession in the Yukon, throughout the Western Canadian provinces and in numerous other countries.

TRANSFERABILITY

All courses completed for the Psychiatric Nursing diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Program graduates may choose to pursue a degree in mental health or a related field. The program is designed to incorporate university-transferable coursework applicable to a baccalaureate degree. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31
5. One Group A, B or C course

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

Applicants must meet university-level requirements for English language proficiency.

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have had one unsatisfactory academic record must meet the admission requirements under the Previous Post-Secondary Work admission category

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants are required to submit: a current, clear Security Clearance for working with vulnerable populations by the academic document deadline and issued within three months of the start of the program intake term. Having a pardon in progress does not meet the admission requirement for a clear security clearance.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

PROGRAM OF STUDY

YEAR I

		Credits	Min Grade
Term I			
HLSC 120	Human Anatomy	3	C-
HLSC 126	Human Physiology I	3	C-
HLST 154	Professional Communication	3	C-
HLST 159	Health Foundations	3	C-
NURS 150	The Discipline of Psychiatric Nursing	3	C-
PSYC 104	Introductory Psychology I	3	C-

Term II

		Credits	Min Grade
English	University Level English excluding ENGL 111	3	C-
HLSC 124	Microbiology for Health Professionals	3	C-
HLSC 128	Human Physiology II	3	C-
PNRS 152	Foundations in Nursing Practice	6	C-
PSYC 105	Introductory Psychology II	3	C-

Term III

		Credits	Min Grade
PNRS 155	Mental Health Nursing I	4	C-

YEAR II

		Credits	Min Grade
Term IV			
HLSC 220	Pharmacotherapeutics for Health Professionals	3	C-
HLSC 222	Alterations in Health Across the Lifespan	3	C-
NURS 251	Nursing Care, Diverse Populations	4	C-
NURS 252	Health Assessment Across the Lifespan	4	C-
PNRS 252	Mental Health Nursing II	4	C-

Term V

		Credits	Min Grade
NURS 253	Nursing Practice, Diverse Populations I	5	C-
NURS 255	Nursing Practice, Diverse Populations II	5	C-
PNRS 255	Psychiatric Nursing Practice, Adult Populations	5	C-

Term VI

		Credits	Min Grade
PNRS 259	Psychiatric Nursing Practice, Special Populations	5	C-

YEAR III

		Credits	Min Grade
Term VII			
PNRS 352	Mental Health Nursing III	4	C-
PNRS 355	Clinical Preceptorship	7	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM TIME LIMIT – EXEMPTION

A student in Psychiatric Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

PROGRAM GRADUATION REGULATIONS

English Requirement

A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for program completion; ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for this program.

Progression of Studies

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with policy C2070 Academic Standing, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

Professional Code of Conduct

Students must adhere to the College of Registered Psychiatric Nurses of Alberta (CRPNA) *Code of Ethics & Standards of Psychiatric Nursing Practice*, the professional code of conduct and the confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. Students cannot be in attendance at clinical agencies as a MacEwan University psychiatric nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical and/or nursing practice placements.

In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with concurrence of the Dean, the student will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the student will not be permitted to remain in the clinical placement during the appeal.

Police Information Check (Security Clearance)

A current, clear security clearance/police information check (PIC) for working with vulnerable populations is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the academic document deadline. Having a pardon in progress does not meet the admission requirement for a clear security clearance.

Students are responsible for obtaining a security clearance check/PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose security clearance/PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

Program Standards

Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (policy E3400, Students with Disabilities).

Immunization Status

Program students may be required to care for patients who have infectious diseases such as Hepatitis B and those with other blood-borne pathogens when assigned to their care. Students must be able to meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrollment in the program.

N95 Mask

Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health authority requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to the start of all clinical courses. The BLS certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve-masks, and automated external defibrillation (AED). BLS certification must be updated every 12 months to meet this requirement, with no grace period provided for the clinical courses.

Agency-Specific Certifications

Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

CONTACT INFORMATION

T: 780-497-5874 (Edmonton site)

T: 403-783-7801 (Ponoka site)

E: nurseinfo@macewan.ca

PUBLIC RELATIONS

School of Business

MacEwan.ca/PR

The Public Relations diploma offers a unique opportunity for people with previous post-secondary education to ready themselves for an exciting new career in communications in less than a year.

Public relations is a vibrant, dynamic field in the business environment, simply because organizations are being challenged by their publics – clients, shareholders, communities, employees – to do a better job of communicating.

This program has an excellent, nationwide reputation in the business community. It focuses on training students to be functional, entry-level practitioners the minute they leave the program. While theory receives the necessary attention to develop the students' understanding of the "big picture" and the potential for growth, the primary goal of the program is to give students the practical tools and skills to make an immediate, positive contribution.

Critical-thinking skills, problem-solving ability, creativity and the ability to rise to a challenge are all valuable assets in this fast-paced program. Group work is extensive and students must work effectively in a team setting. Students should have excellent language skills and be prepared to excel in writing.

The full-time program begins in the fall and consists of 35 credits over three terms. Students are required to complete a two-month practicum in the Spring term.

Part-time study is available with a September start date. Students may complete up to two courses through Open Studies prior to official program application.

CAREER POTENTIAL

Graduates find employment in all levels of government, education and health-related organizations, professional associations, resource sectors, private companies, not-for-profit, media – just about any organization dedicated to strategic, timely and relevant communication.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 63 credits to MacEwan University's Bachelor of Communication Studies degree. Students are advised to consult a program advisor for the Bachelor of Communications Studies degree for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Public Relations diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits of transfer credit towards the Bachelor of Professional Arts in Communication Studies at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum of 30 post-secondary credits, including a post-secondary English course.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must pass the Program's English Entrance Exam, with a minimum grade of 70 per cent.

PROGRAM OF STUDY

Term III		Credits
BUSN 200	Fundamentals of Business	3
PREL 230	Public Relations Fundamentals and Practice	3
PREL 238	PR and Digital Media	3
PREL 245	Communications Research and Planning	3
PROW 211	Writing Fundamentals	3
Term IV		Credits
PREL 233	Media Relations and Mass Media	3
PREL 240	Integrated Marketing Communications	3
PREL 241	Writing for PR	3
PREL 242	Internal Communications and Organizational Dynamics	3
PREL 246	Issues and Reputation Management	3
Term V		Credits
PREL 250	Professional Practicum	5

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162

E: prprogram@macewan.ca

SOCIAL WORK

Faculty of Health and Community Studies
School of Social Work

MacEwan.ca/SocialWork

At MacEwan University, social work students learn how to create meaningful change. You are the catalyst in the lives of others that helps them move forward in a positive manner. In this constantly evolving field, MacEwan University prepares students with the competency and practice skills to assess and practice in a professional social work setting.

For more than 40 years, the university has earned a reputation for graduating skilled, compassionate and professional social workers. Social workers assess and respond to human problems at both an individual and a societal level.

MacEwan University combines a strong academic approach to social work with hands-on field placements and transfer electives. Diversity and work with different cultures is integrated into all aspects of the program.

The focus on diversity produces graduates who are ready to work with every facet of society, including indigenous people, people with alternate lifestyles, and families. They are tolerant, open-minded, empathetic and committed to building strong communities.

CAREER POTENTIAL

Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates can enter the workforce immediately upon graduation or, if eligible, apply to continue their studies in the MacEwan Bachelor of Social Work. Graduates may choose to work in a broad range of social work related areas, including:

- services to families, children and youth
- addiction and mental health
- community health and social service agencies
- correctional services agencies
- employment assistance programs
- family counselling agencies
- health and long-term care organizations
- immigration and settlement services
- preventive social services
- non-profit community agencies
- school boards
- services to seniors

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma can apply to year 3 of the MacEwan Bachelor of Social Work (BSW). Graduates may also be granted up to 72 credits to MacEwan University's Bachelor of Child and Youth Care degree and up to 60 credits to the Bachelor of Arts degree. Students are advised to consult an advisor for these programs for specific admission requirements and required bridging courses.

EXTERNAL TRANSFER

All courses completed for the Social Work diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma are eligible to apply for entrance directly into year three of the MacEwan Bachelor of Social Work program. Students may also apply to several other BSW programs including but not limited to: Fraser Valley University, Thompson Rivers University, the University of Calgary, and the University of Victoria. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent), be 19 years of age or older by December 31st of the year they enter the program, and have completed ELA 30-1 with a minimum grade of 50 per cent.

OR

- b) Applicants must be 19 years of age or older by December 31st of the year they enter the program, and must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1
 2. Language (other than English) at the 30-level or Mathematics 30-2 or Mathematics 30-1 or One Group A, B or C course
 3. One Group A or B course
 4. One Group C course
 5. One Group A or C course (or Group B if it was not used in #3 above)

A maximum of two Group B subjects can be used; they must be from different disciplines.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

SOCIAL WORK

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have completed ELA 30-1 with a minimum grade of 50 per cent.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A post-secondary Certificate, Diploma, Applied Degree or Degree.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ENGL 111 with a minimum grade of C-.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit the following to be assessed by faculty from the Social Work program:

- A resume and personal/professional profile.
- Evidence of a minimum 70 hours of relevant volunteer/work experience within the last two years.

Applicants must include three reference letters, two general and one from a volunteer or work experience supervisor.

Conditionally accepted applicants are required to submit a current, clear Security Clearance and a current, clear (no fault) Intervention Check (Children and Youth Services) by the beginning of the intake term.

PROGRAM OF STUDY

YEAR I

		Credits	Min Grade
Term I			
SOWK 101	Social Work Philosophy and Ethics	3	C-
SOWK 102	Introduction to Social Work Practice	3	C-
SOWK 105	Field Placement	4	CR
ENGL 102	Analysis and Argument	3	
PSYC 104	Introductory Psychology I	3	
SOCI 100	Introductory Sociology	3	

Term II

		Credits	Min Grade
SOWK 110	Social Work Practice Methods I	3	C-
SOWK 111	Social Work With Families	3	
SOWK 112	Social Work With Children and Adolescents	3	
SOWK 115	Field Placement	4	CR
ENGL 103	Introduction to Literature	3	
	Arts and Science Elective (one)	3	

YEAR II

		Credits	Min Grade
Term III			
SOWK 201	Group Work	3	C-
SOWK 202	Social Work Practice Methods II	3	C-
SOWK 204	Social Policy and Anti-Oppressive Practice	3	
SOWK 205	Field Placement	4	CR
POLS 101	Introduction to Politics and Government	3	
	Arts and Science Elective (one)	3	

Term IV

		Credits	Min Grade
SOWK 203	Mental Health, Trauma and Addictions	3	
SOWK 210	Community Practice Methods III	3	
SOWK 211	Social Work Practice Methods IV	3	
SOWK 215	Field Placement	4	CR
	Arts and Science Electives (two)	6	

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5154

E: socialwork@macewan.ca

For information on the Bachelor of Social Work go to MacEwan.ca/BSW

SPECIAL NEEDS EDUCATIONAL ASSISTANT

Faculty of Health and Community Studies
Department of Human Services and Early Learning
MacEwan.ca/SpecialNeeds

The Special Needs Educational Assistant program prepares graduates to assist teachers in developing and implementing appropriate instructional programs and methods within educational settings. The implementation of inclusive educational policies for students with special needs has created a strong demand for trained educational assistants. The certificate provides a solid foundation of theoretical knowledge combined with practical strategies to support classroom instructional, behavioural, and social learning of students with exceptionalities.

The program is offered in full-time day, part-time evening, and distance formats.

On-Campus Day Program

The 8 month (September - April) full-time program is offered at City Centre Campus.

On-Campus Part-time Evening Program

Evening classes are offered at City Center Campus. Students can begin classes in September or January and complete the program in 2-4 years.

Distance

Distance study makes the program accessible to students regardless of geographic location and provides the flexibility to balance studies with professional and family responsibilities. Students access their course material and readings online and become part of a virtual community of learners. Students learn content through a combination of self-study and faculty guided online discussions. The program can be completed in 2-4 years

CAREER POTENTIAL

Educational assistants are employed as valuable members of learning teams in a variety of educational settings including pre-school early intervention programs, kindergarten through grade 12 and post-secondary programs. The demand for program graduates in the field continues to be high.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Child and Youth Care degree after successful completion of bridging courses.

EXTERNAL TRANSFER

All courses completed for the Special Needs Educational Assistant certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate in this program may receive up to 30 credits of transfer credit at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent).

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

Term I		Credits
ENGL 111	Communications	3
TAST 101	Child and Adolescent Development	3
TAST 107	Students with Exceptionalities – Level I	3
TAST 125	Collaborative Team Practice	3
TAST 128	Assistive and Adaptive Technology	3

Term II		Credits
TAST 102	Supporting Classroom Behaviour Management	3
TAST 103	Language Learning and Math Across the Curriculum	3
TAST 114	Specialized Skills and Practice	2
TAST 117	Students with Exceptionalities – Level II	3
TAST 129	Seminar	1
TAST 130	Practicum	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5569

Toll free: 1-888-497-4622 ext 5569

E: snea@macewan.ca

THEATRE ARTS

Faculty of Fine Arts and Communications

MacEwan.ca/TheatreArts

Theatre Arts is an intense, two-year diploma with an emphasis on musical theatre actor training.

The first year is spent in studio, private coaching, and classroom instruction, mastering the basics of all three disciplines while studying music theatre history, textual analysis, music theory and ear training. The year culminates with workshop productions of a play and musical for invited audiences. In the second year, studio and laboratory courses continue while students apply their training in public productions in MacEwan University's John L. Haar Theatre and Theatre Lab.

To gain admission to this program, applicants must meet the academic admission requirements and be successful at an audition, demonstrating an aptitude in all three disciplines of acting, singing and dancing. A diagnostic will assess applicants' basic skills in music theory and ear training.

CAREER POTENTIAL

Theatre Arts graduates work provincially, nationally and internationally in a variety of venues: regional theatres as well as Broadway and London's West End; Fringe festivals; dinner theatres; cruise entertainment; TV, film, video gaming and voice over work. Many self-produce their own work, while others continue their studies in acting, directing or writing at other institutions.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree.

EXTERNAL TRANSFER

All courses completed for the Theatre Arts diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students interested in transferring a completed diploma are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Theatre Arts program regarding coursework and audition preparation. Like the Theatre Arts program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in an entrance audition and on an assessment of course content.

Students presenting a completed diploma in this program may be eligible to receive up to 20 credits to the Post-Diploma BFA (Dramatic Arts or Multidisciplinary) or 35 credits to the Pre-Post-Diploma BFA (Dramatic Arts)/BEd programs at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

- Applicants must have an Alberta high school diploma (or equivalent).

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term and have at least 50 per cent in ELA 30-1 or ELA 30-2.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion (with a minimum grade of 4 on the essay) OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to audition. Jurors will assess singing, dancing, and acting ability.

THEATRE ARTS

PROGRAM OF STUDY

YEAR I

		Credits
Term I		
THAR 101	Acting Skills I	3
THAR 104	Vocal Production I	3
THAR 110	Dance Skills I	3
THAR 140	Music Theory and Ear Training I	3
ENGL 102	Analysis & Argument	3

		Credits
Term II		
THAR 109	Performer's Lab	3
THAR 141	Music Theory and Ear Training II	3
THAR 151	Acting Skills II	3
THAR 154	Vocal Production II	3
THAR 160	Dance Skills II	3
ENGL 103	Introduction to Literature	3

YEAR II

		Credits
Term III		
THAR 201	Acting Skills III	3
THAR 204	Vocal Production III	3
THAR 206	Performance I	3
THAR 240	Music Theory and Ear Training III	3
THAR 250	Dance Skills III	3

		Credits
Term IV		
THAR 251	Acting Skills IV	3
THAR 254	Vocal Production IV	3
THAR 256	Performance II	3
THAR 260	Dance Skills IV	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Only full-time students admitted to the Theatre Arts program may register in THAR courses.

PROGRAM GRADUATION REGULATIONS

Progression of Studies

Students in the Theatre Arts program are required to successfully complete all Theatre Arts courses in Term 1 of the program of study in order to be able to progress to Term 2.

Students in the Theatre Arts program are required to successfully complete all courses in Year 1 of the program of study in order to be able to progress to Year 2.

Program courses cannot be used to fulfill elective requirements.

CONTACT INFORMATION

Doreen Piehl, Instructional Assistant

T: 780-497-4393

E: theatrearts@macewan.ca

THEATRE PRODUCTION

Faculty of Fine Arts and Communications

MacEwan.ca/Production

The theatre profession requires skilled lighting, sound, set and costume technicians, stage managers, production managers, technical directors and other theatre professionals. Theatre Production's curriculum provides instruction and practical experience in all these disciplines. Courses in lighting, audio, stagecraft, set painting, prop making, costuming, drafting, stage management, technical direction and video and projection technology ensure that Theatre Production grads are well-equipped for employment in the entertainment industry.

Instructors who are members of the professional community provide equal parts knowledge and experience. Instruction is complemented by workplace learning. Theatre Production students gain valuable exposure to a variety of professional arts groups mounting productions in MacEwan University's John L. Haar Theatre.

CAREER POTENTIAL

Theatre Production graduates are employed in professional theatre, film and television, as well as in the cruise line, conference and special event industries. Graduates have played key behind-the-scenes roles at the Citadel Theatre, Winspear Centre, Edmonton Opera, Alberta Ballet, Edmonton International Fringe Festival, Alberta Theatre Projects, The Stratford Festival, Carnival Cruise Lines, Royal Winnipeg Ballet, Disney, and Rexall Place, to cite only a few examples.

TECHNOLOGY INTEGRATION FOR CREATIVE LEARNING (TICL)

Students in the Theatre Production program will need to purchase an Apple laptop and necessary software identified by the program. This initiative is designed to maximize student learning through the use of digital technology and provide students with the tools required to succeed in the industry. For more information, see the program website (MacEwan.ca/Production) or contact Doreen Piehl, Instructional Assistant, at 780-497-4393 or piehld@macewan.ca.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University's Bachelor of Arts degree.

EXTERNAL TRANSFER

All courses completed for the Theatre Production diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students interested in transferring a completed diploma are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Theatre Production program regarding coursework and portfolio preparation. Like the Theatre Production program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in a portfolio presentation and on an assessment of course content.

Students presenting a completed diploma in this program may be eligible to receive up to 20 credits to the Post-Diploma BFA (Dramatic Arts or Multidisciplinary) or 35 credits to the Pre-Post-Diploma BFA (Dramatic Arts)/BEd programs at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. One Group A course
 2. One Group B or C course
 3. One Group C or D course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Conditionally accepted applicants are required to complete Standard First Aid certification by the beginning of the intake term.

PROGRAM OF STUDY

YEAR I

	Credits
Term I	
TPPR 102	Drafting and Model Making 2
TPPR 103	Introduction to Technical Theatre 1
TPPR 108	Rigging 1
TPPR 110	Audio I 2
TPPR 111	Footings 5
TPPR 117	Practicum I 3
ENGL 111	Communications 3

	Credits
Term II	
TPPR 101	Applied Theatre History 3
TPPR 104	Stagecraft I 2
TPPR 105	Lighting I 2
TPPR 106	Set Painting I 2
TPPR 107	Wardrobe I 2
TPPR 127	Practicum II 3
	Elective 3

YEAR II

	Credits
Term III	
TPPR 203	Management 4
TPPR 205	Video and Projection Technology 3
TPPR 212	Prop Making I 2
TPPR 237	Practicum III 3
	Options 4

	Credits
Term IV	
TPPR 247	Practicum IV 3
	Elective 3
	Options 4

In Year II, Terms III and IV, students choose a minimum of 8 credits from the following options:

	Credits
TPPR 204	Stagecraft II 2
TPPR 206	Set Painting II 1
TPPR 207	Wardrobe II 2
TPPR 210	Audio II 2
TPPR 215	Lighting II 2
TPPR 221	Technical Director 2
TPPR 222	Prop Making II 1

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

Doreen Piehl, Instructional Assistant
 T: 780-497-4393
 E: theatreproduction@macewan.ca

THERAPIST ASSISTANT

*Faculty of Health and Community Studies
Department of Allied Health and Human Performance*

MacEwan.ca/SLPA
MacEwan.ca/PTAOTA

There are two major programs of study in the two-year Therapist Assistant diploma:

- Speech Language Pathologist Assistant
- Physical Therapist Assistant/Occupational Therapist Assistant

Speech Language Pathologist Assistant major

The Speech Language Pathologist Assistant (SLPA) route provides the theoretical knowledge, skill development and practical experience required to work as an SLPA. SLPAs primarily work with children and support the implementation of treatment for communication disorders. The SLPA major is delivered at City Centre Campus and online.

CAREER POTENTIAL

SLPAs work in early education settings and in schools. People who succeed in this career enjoy working with children and are patient, flexible and creative team players. The ability to communicate in English with clear pronunciation is a requirement of employment in this field. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

TRANSFERABILITY

All courses completed for the Therapist Assistant, Speech Language Pathologist Assistant Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 21 credits to the Bachelor of Health Administration program or 45 credits to the Bachelor of Science (Human Science) Post-Diploma program at Athabasca University. Students presenting a completed diploma in this program will be considered for entrance into the third year of the Bachelor of Community Rehabilitation degree at the University of Calgary. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1
3. Two Group A, B or C courses (a maximum of two group B subjects can be used; they must be from different disciplines)
4. One Group A, B, C or D course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A post-secondary Certificate, Diploma, Applied Degree or Degree.

OR

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

THERAPIST ASSISTANT

3. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

4. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search and contains no open youth record. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I

Term I		Credits	Min Grade
HLST 101	Interpersonal Skills Development	3	C-
LING 100	Introduction to Human Language	3	
PSYC 104	Introductory Psychology I	3	
THAS 101	Normal Development of Speech, Language and Literacy	3	C-
THAS 104	Roles and Responsibilities of Paraprofessionals in an Educational Setting	2	C-
Term II		Credits	Min Grade
ECDV 155	Curriculum II: Learning Through Play	3	
ENGL 111	Communications	3	
THAS 102	Communication Disorders	4	C-
THAS 115	Human Development	4	C-

YEAR II

Term III		Credits	Min Grade
TAST 102	Supporting Classroom Behaviour Management	3	
THAS 201	Therapeutic Interventions I: Articulation and Phonology	5	C-
THAS 202	Therapeutic Interventions II: Introduction to Clinical Role and Skills	3	C-
THAS 203	Field Placement I	5	CR
Term IV		Credits	Min Grade
THAS 213	Therapeutic Interventions III: Language	5	C-
THAS 214	Therapeutic Interventions IV: Special Populations	4	C-
THAS 215	Field Placement II	5	CR
THAS 216	Sign Language	2	C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY – EXEMPTION

A student in the Therapist Assistant-Speech Language Pathologist Assistant major must complete at least 40 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 40 per cent.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

– A current clear police information check working with vulnerable populations is required for program admission. If specified by field placement agencies, students are responsible for obtaining up-to-date police information checks prior to their placement and must also make these available to the program. Any changes to police information check status while in the program must be self-declared and copies provided to the program office. Police information check status changes following program admission may compromise the student's ability to complete the program requirements as they may be denied required field placements and, therefore be unable to meet graduation requirements.

Immunization – A student must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specific immunization requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

CPR – Health Care Provider Level AED – A student must meet the specific CPR requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

First Aid – Basic – A student must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

Physical Therapist Assistant/ Occupational Therapist Assistant major

The Physical Therapist Assistant/Occupational Therapist Assistant (PTA/OTA) major prepares students to work in the fields of physical and occupational therapy, providing patient treatment interventions related to movement and function. PTAs/OTAs assist people to gain or maintain strength, flexibility and their functional status. In addition to working with people with physical health problems, they also work with people with emotional/mental health problems.

CAREER POTENTIAL

PTAs/OTAs work in hospitals, long-term care facilities, sub-acute units, rehabilitation hospitals, mental health programs, physical therapy clinics, schools and home care. To succeed in this field, people should possess patience and flexibility, as they will work with people who are under physical and emotional stress. Creativity, manual dexterity and an interest in fitness are assets, as is the ability to work in a team environment. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

TRANSFERABILITY

All courses completed for the Therapist Assistant, Physical Therapist Assistant/Occupational Therapist Assistant Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and may be considered for entrance into the third year of the Bachelor of Community Rehabilitation degree at the University of Calgary. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. Chemistry 30 or Science 30
4. One Group A, B or C course
5. One Group A, B, C or D course

A maximum of two group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:

1. Biology 30
2. Chemistry 30 or Science 30

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A post-secondary Certificate, Diploma, Applied Degree or Degree.

OR

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search and contains no open youth record. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I

		Credits	Min Grade
Term I			
HLSC 104	Applied Human Anatomy	3	C-
HLSC 105	Applied Human Physiology	6	C-
HLST 101	Interpersonal Skills Development	3	C-
THAS 103	Pathology	4	C-

		Credits	Min Grade
Term II			
ENGL 111	Communications	3	
THAS 115	Human Development	4	C-
THAS 116	Functional Anatomy and Orthopedics	4	C-
THAS 117	Principles and Techniques of Client Contact	3	C-

YEAR II

		Credits	Min Grade
Term III			
THAS 220	Exercise in Physical Therapy	5	C-
THAS 221	Modalities and Acute Care Interventions in Physical Therapy	4	C-
THAS 222	Occupational Therapy in Mental Health	4	C-
THAS 223	Occupational Therapy in Physical Dysfunction	5	C-

		Credits	Min Grade
Term IV			
THAS 210	Field Placement I	4	CR
THAS 211	Field Placement II	4	CR
THAS 212	Field Placement III	4	CR

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check – A current clear police information check working with vulnerable populations is required for program admission. If specified by field placement agencies, students are responsible for obtaining up-to-date police information checks prior to their placement and must also make these available to the program. Any changes to police information check status while in the program must be self-declared and copies provided to the program office. Police information check status changes following program admission may compromise the student’s ability to complete the program requirements as they may be denied required field placements and, therefore be unable to meet graduation requirements.

Immunization – A student must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified immunization requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

CPR – Health Care Provider Level AED – A student must meet the specific CPR requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

First Aid – Basic – A student must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved field placement and, therefore be unable to meet graduation requirements.

CONTACT INFORMATION

T: 780-497-5723
 Toll-free: 1-888-497-4622 ext. 5723
 E: therapistassistant@macewan.ca

TRAVEL

School of Business

MacEwan.ca/Travel

This program meets the highest Canadian standards for industry education. It is fast-paced and hands-on: you will work in a computer lab with access to industry software and a live reservation system. Combine this with a one-month practicum at program's end, and you are highly employable immediately upon graduation.

You'll take an in-depth look at the world's most important tourist destinations and learn what motivates travellers to visit them. You'll also develop an understanding of the evolving travel market and the technology used to document and sell North American and international travel. In just 13 months, you'll learn the skills Canada's travel industry demands most: communications, sales techniques, customer service and automation.

To succeed in this career, you should welcome challenges and deadlines. Typically mature students fare better in this program than younger students. Communication skills, people skills and a passion for sales are essential, as are superior organizational skills and a curiosity about the world. Your personal travel experiences are a definite asset.

CAREER POTENTIAL

Educated travel professionals are in high demand. Opportunities abound in everything from adventure tours and special interest to selling leisure packages and incentive travel. Graduates work as travel consultants, reservations agents, customer service representatives, sales representatives and marketing managers. Throughout Canada and around the globe, MacEwan University grads can be found in a range of pursuits: booking scuba diving tours, escorting European coach tours and arranging honeymoons in Hawaii or safari groups to Africa.

TRANSFERABILITY

All courses completed for the Travel diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly. Students presenting a completed diploma in this program may be eligible to receive up to 48 credits towards the Bachelor of Tourism Management degree at Thompson Rivers University.

This program has a 5 Star rating from the Association of Canadian Travel Agencies (ACTA). The completion of this diploma helps students earn their CTC (Certified Travel Consultant) certification from ACTA.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

- b) Applicants must have a minimum overall average of 65 per cent, with no course grade lower than 50 per cent, in the following high school courses:
 1. ELA 30-1 or ELA 30-2
 2. Math 30-1 or Math 30-2
 3. One Group A course
 4. One Group C course
 5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 per cent or ELA 30-2 with a minimum grade of 75 per cent.

Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 20-1 with a minimum grade of 65 per cent or Mathematics 30-1 or Mathematics 30-2 with a minimum grade of 50 per cent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

TRAVEL

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

CONTACT INFORMATION

T: 780-497-5162

E: travel@macewan.ca

PROGRAM OF STUDY

	Credits	
TRVL 110	Airline Fares and Scheduling Concepts	3
TRVL 115	Introduction to Travel and Tourism	3
TRVL 116	Destinations I	3
ENGL 111	Communications	3
OADM 101	Keyboarding, Formatting and Presentations	3
ENGL 211	Business Communications	3
TRVL 120	Domestic Air Travel	3
TRVL 126	Destinations II	3
TRVL 122	Introduction to Computerized Reservations	3
TRVL 125	Travel Products and Services	3
TRVL 232	Selling Travel Products and Services	3
TRVL 230	International Air Travel	3
TRVL 233	Travel Accounting	3
TRVL 236	Destinations III	3
TRVL 241	Entrepreneurship in Tourism	3
TRVL 245	The Cruise Market	3
TRVL 242	Advanced Computer Reservations	3
TRVL 243	Tourism Industry Suppliers	3
TRVL 244	Practicum	3
Choose One of:		
Elective		3
OR		
TRVL 235	Travel Industry Study Tour	3

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.



COLLEGE AND UNIVERSITY ENTRANCE PROGRAMMING

English as a Second Language	204
Preparation for University and College	205

ENGLISH AS A SECOND LANGUAGE

School of Continuing Education

MacEwan.ca/ESL

The MacEwan English Language Institute (MELI) offers a range of courses for learners of English as an additional language.

Core courses in reading/writing and listening/speaking are offered at five levels of proficiency from Intermediate to English for academic purposes and preparation for post-secondary studies. Focus courses target specific needs and interests including pronunciation, grammar, and academic vocabulary.

The program focuses on English for academic studies for English language learners who wish to complete high school studies, continue to post-secondary studies or re-enter their professions in Canada.

Credit programming consists of core courses, focus courses and test preparation courses for IELTS. Non-credit programming includes courses in writing and speaking and communication skills for health professionals.

Not all courses may be offered in each term.

Class participation, homework and regular attendance are essential parts of the language learning process.

New applicants take a placement test to determine their starting level in the program.

CAREER POTENTIAL

ESL prepares students for academic upgrading, employment, or university.

ADMISSION

Canadian Citizens and Permanent Residents

Applicants must have completed the equivalent of grade 10 either in Canada or in their native country and have a minimum CLB4 or equivalent. Students under 18 years of age are not accepted except with special permission.

APPLICATION PROCESS

Core courses and focus courses:

- Contact the ESL office for pre-screening
- Apply at www.macewan.ca/SCE and pay the non-refundable application fee. Print the receipt.
- If the applicant is not able to use the web site, applications can be made in person at Alberta College Campus or City Centre Campus.
- Call the ESL office to arrange for a placement test. Bring the receipt for the application fee to the placement test.

Test preparation and non-credit courses:

There are three ways to enroll in these courses:

1. By phone: 780-497-4000 and pay the course fee by credit card.
2. In person: Visit the ESL office, Alberta College Campus 10050 MacDonald Drive.
3. Online at www.macewan.ca/SCE

INTERNATIONAL APPLICANTS

ESL courses for international students are provided through the Academic Pathways Program. For more information, visit MacEwan.ca/AcademicPathways. (Students studying in Canada on a study permit or other visa are considered international students).

STUDENT FINANCIAL SUPPORT

For Canadian citizens or permanent residents, funding may be available for tuition and/or living support.

PROGRAM OF STUDY

Core Courses – Reading and Writing		Credits
RDW 081	Intermediate Reading and Writing I	5
ERDW 082	Intermediate Reading and Writing II	5
ERDW 083	Advanced Reading and Writing I	5
ERDW 084	Advanced Reading and Writing II	5
ERDW 085	Reading and Writing for Academic Purposes	5
ENGL 086	ELP for University – Reading and Writing	5

Core Courses – Listening and Speaking		Credits
ESPL 081	Intermediate Listening and Speaking I	5
ESPL 082	Intermediate Listening and Speaking II	5
ESPL 083	Advanced Listening and Speaking I	5
ESPL 084	Advanced Listening and Speaking II	5
ESPL 085	Listening and Speaking for Academic Purposes	5
ENGL 087	ELP for University – Listening and Speaking	5

Focus Courses		Credits
EOPT 060	Pronunciation I	5
EOPT 061	Pronunciation II	5
EOPT 064	Academic Vocabulary I	5
EOPT 065	Academic Vocabulary II	5
EOPT 066	Grammar I	5
EOPT 067	Grammar II	5

CONTACT INFORMATION

T: 780-497-4000

E: esl@macewan.ca

PREPARATION FOR UNIVERSITY AND COLLEGE

School of Continuing Education

MacEwan.ca/Preparation

University Preparation offers core high school equivalent courses that are prerequisites for entrance to university programs.

CAREER POTENTIAL

University Preparation is an essential first step toward the achievement of a student's career goal. This program allows most students to complete all of their prerequisites within a year and thus fast track into the program of their choice.

TRANSFERABILITY

Courses offered in this program are accepted for admission purposes by all post-secondary institutions within Alberta and Canada.

ADMISSION

Applicants must be able to read and write at a minimum level of grade 10 level. Applicants presenting transcripts with coursework completed more than two years ago will be required to write a placement test to determine their current academic standing and placement level in the program. Preparation for University and College does not have a mature entrance category.

HIGH SCHOOL EQUIVALENCY DIPLOMA

University Preparation offers a high school equivalency diploma. In order to qualify, students must present five courses with a minimum grade of "D" at the 30-level. Three of the five courses must be completed in the University Preparation program. Of the five courses required for the equivalency diploma, at least one must be in English (30-level) and one must be in mathematics (30-level). For more information, contact our office at 780-497-4029.

APPLICATION PROCESS

To apply to this program, the following are necessary:

- a completed, signed application form and
- a \$110 non-refundable application fee for domestic students.

Students can either:

- apply online via the ApplyAlberta website (Visa or MasterCard)
- apply in person: download a copy of the domestic application form from our website or pick up an application form from one of our campuses. These can be dropped off at the Office of the University Registrar on City Centre Campus or any campus Information Centre.

Note:

International applicants who are students studying in Canada on a Study Permit or other visa interested in taking University Preparation courses, must apply to the Academic Pathways Program.

Applicants will receive an emailed acceptance letter with their network ID and login password when their completed application and non-refundable fee have been received by the Office of the University Registrar. Applicants with a transcript

or pre-requisites more than two years old must write the placement test and have a meeting with the advisor to discuss test results and career goals. Funding may be available to students to cover the cost of tuition fees and some course materials. For more information, call 780-497-4029 or the student finance/award advisor.

PROGRAM OF STUDY

		Credits
ENGL 020-1	English 20-1	5
ENGL 020-2	English 20-2	5
ENGL 030-1	English 30-1	5
ENGL 030-2	English 30-2	5
SOST 030-1	Social Studies 30-1	5
MATH 010R	Mathematics Preparation 10	5
MATH 010-1	Mathematics 10 C	5
MATH 020-1	Mathematics 20-1	5
MATH 020-2	Mathematics 20-2	5
MATH 030-1	Mathematics 30-1	5
MATH 030-2	Mathematics 30-2	5
MATH 030P	Pure Math 30	5
MATH 031	Math 31	5
PHYS 020	Physics 20	5
PHYS 030	Physics 30	5
CHEM 020	Chemistry 20	5
CHEM 030	Chemistry 30	5
BIOL 020	Biology 20	5
BIOL 030	Biology 30	5
SCIE 010	Science 10	5
CMSK 011	Introduction to Computers Level I	5
CMSK 015	Introduction to Computers Level II	5

Not all courses are offered each term. Evening courses have separate start and end dates, consult the program for further details.

CONTACT INFORMATION

T: 780-497-4029

E: preparation@macewan.ca



COURSE SUBSTITUTIONS BY PROGRAM

This list is accurate at the time of printing but is subject to change. Please consult with an advisor in your faculty or school to ensure you have the most current information.

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
ACCOUNTING AND STRATEGIC MEASUREMENT	
ACCT 156	MGMT 122
ORGA 201	MGMT 122
STAT 141	ACCT 215
STAT 151	ACCT 215
MGTS 103	ACCT 215
CMPT 157	MGMT 107
ACCT 322	ACCT 218
OAAS 111 and OAAS 121	MGMT 107
ACCT 311	ACCT 111
ACCT 311	ACCT 161
ACCT 312	ACCT 161
ACCT 322	ACCT 218
FNCE 301	ACCT 255
PROW 210	ENGL 211
ACCT 430	ACCT 275
MGMT 211	ACCT 255
ACUPUNCTURE	
HLSC 120	HLSC 104
MTST 120 and MTST 122	HLSC 104
PEDS 100	HLSC 104
ENGL 103	ENGL 111
ENGL 108	ENGL 111
HLSC 126	MTST 125
PEDS 101 & PEDS 200	MTST 125
PEDS 102	MTST 125
HLSC 128	MTST 126
PEDS 103	MTST 126
HLSC 124	ACUP 124
HLSC 220	ACUP 320
HLSC 222	HLST 150

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
ARTS AND CULTURAL MANAGEMENT	
AGAD 103 and 127	AGAD 112
AGAD 121 and 127	AGAD 122
AGAD 129 and 130	AGAD 120
AGAD 103, 127 and 121	AGAD 232
AGAD 125	AGAD 225
AGAD 126	AGAD 226
AGAD 101	AGAD 201
ENGL 101	ENGL 111
ENGL 108	ENGL 111
ENGL 101	ENGL 102 and ENGL 103
ASIA PACIFIC MANAGEMENT	
INTB 250	INTB 200
INTB 251	INTB 200
INTB 252	INTB 200
INTB 253	INTB 200
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
BACHELOR OF APPLIED BUSINESS ADMINISTRATION – ACCOUNTING	
SCMT 200	MGTS 352
ACCT 410	ACCT 351
ACCT 422	ACCT 358
ACCT 442	ACCT 350
ORGA 310	ACCT 353
BUSN 450	ACCT 398

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BACHELOR OF APPLIED HUMAN SERVICE ADMINISTRATION	
EA530.2 and EA532.2	HSAD 300
EA531.2 and EA532.2	HSAD 305
EA601.1 and EA602.1	HSAD 350
EA601.1 and EA603.1	HSAD 350
EA601.1 and EA604.1	HSAD 350
EA601.1 and EA606.1	HSAD 350
EA601.1 and EA608.1	HSAD 350
EA602.1 and EA603.1	HSAD 350
EA602.1 and EA604.1	HSAD 350
EA602.1 and EA606.1	HSAD 350
EA602.1 and EA608.1	HSAD 350
EA603.1 and EA604.1	HSAD 350
EA603.1 and EA606.1	HSAD 350
EA603.1 and EA608.1	HSAD 350
EA604.1 and EA606.1	HSAD 350
EA604.1 and EA608.1	HSAD 350
EA606.1 and EA608.1	HSAD 350
EA535.2	HSAD 350
EA536.2	HSAD 350
EA537.2	HSAD 350
EA540.2 and EA532.2	HSAD 310
EA533.2	HSAD 315
EA627.2	HSAD 315

BACHELOR OF CHILD AND YOUTH CARE	
CORR 100	CYCW 101
CORR 112	CYCW 114
ECDV 110	CYCW 100
ECDV 115	CYCW 101
ECDV 165	CYCW 101
ECDV 160	CYCW 211
MHST 101	CYCW 101
MHST 103	CYCW 100
MHST 123	CYCW 114
PSYC 223	CYCW 100
PSYC 223	CYCW 211
RPPR 103	CYCW 101
SOWK 102	CYCW 101
SOWK 110	CYCW 107
SOWK 202	CYCW 114
TAST 101	CYCW 100
TAST 107	CYCW 201
TAST 117	CYCW 201
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BACHELOR OF COMMERCE – ALL MAJORS	
ENGL 101	ENGL 102 and ENGL 103
FNCE 113	MATH 112
ACCT 218	ACCT 322
ACCT 111 and ACCT 161	ACCT 311
ACCT 211	ACCT 315
ACCT 261	ACCT 316
ORGA 233	ORGA 433
MGMT 223	ORGA 330
ORGA 214	ORGA 314

BACHELOR OF COMMUNICATION STUDIES – JOURNALISM MAJOR	
ENGL 101	ENGL 102 and ENGL 103
JOUR 106	BCSC 210
JOUR 108 or JOUR 156	BCSC 313
JOUR 150	BCSC 211
JOUR 152	BCSC 320
JOUR 154	BCSC 323
JOUR 155	BCSC 424
JOUR 251	BCSC 311
JOUR 257	BCSC 423
JOUR 258	BCSC 325
JOUR 259	BCSC 398
PROW 100	BCSC 100
PROW 210	BCSC 100
PROW 211	BCSC 100
PROW 115	BCSC 203
PROW 117	BCSC 102
PROW 135	BCSC 215
PROW 205	BCSC 301
PROW 250	BCSC 216
PROW 315	BCSC 331
PROW 316	BCSC 342
PROW 331	BCSC 341
PROW 343	BCSC 310

COURSE SUBSTITUTIONS BY PROGRAM

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BACHELOR OF COMMUNICATION STUDIES – PROFESSIONAL COMMUNICATION MAJOR	
ENGL 101	ENGL 102 and ENGL 103
PROW 100	BCSC 100
PROW 102	BCSC 282
PROW 104	BCSC 253
PROW 115	BCSC 203
PROW 117	BCSC 102
PROW 135	BSCS 215
PROW 204	BCSC 221
PROW 205	BCSC 301
PROW 210	BCSC 100
PROW 211	BCSC 100
PROW 224	BCSC 241
PROW 226	BCSC 340
PROW 228	BCSC 440
PROW 235	BCSC 260
PROW 240	BCSC 332
PROW 250	BSCS 216
PROW 302	BCSC 202
PROW 304	BCSC 326
PROW 307	BCSC 328
PROW 308	BCSC 223
PROW 310	BCSC 343
PROW 315	BCSC 331
PROW 316	BCSC 342
PROW 317	BCSC 352
PROW 318	BCSC 441
PROW 330	BCSC 432
PROW 331	BCSC 341
PROW 335	BCSC 360
PROW 336	BSCS 361
PROW 337	BCSC 362
PROW 338	BCSC 461
PROW 343	BCSC 310

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BUSINESS MANAGEMENT	
ACCT 311	ACCT 111
AGAD 105	ACCT 111
MGTS 103	ACCT 215
STAT 141	ACCT 215
STAT 151	ACCT 215
ACCT 322	ACCT 218
MGMT 111	FNCE 113
ACCT 114	MGMT 107
AGAD 107	MGMT 107
CMPT 157	MGMT 107
OAAS 111 and OAAS 121	MGMT 107
AGAD 129 and AGAD 130	MGMT 121
ORGA 201	MGMT 121
ACCT 156	MGMT 122
ORGA 314	MGMT 126
AGAD 103	MGMT 131
MARK 301	MGMT 131
ACCT 255	MGMT 211
FNCE 301	MGMT 211
MGMT 243	MGMT 261
HRMT 220	ORGA 330
MASD 330	ORGA 330
MGMT 223	ORGA 330
ECON 100	ECON 101
ECON 203	ECON 101
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
HRMT 180	HRMT 200
ORGA 316	MGMT 122

BACHELOR OF MUSIC IN JAZZ AND CONTEMPORARY POPULAR MUSIC

ENGL 101	ENGL 102 and 103
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BACHELOR OF SCIENCE IN NURSING

NURS 108	HLSC 126 and HLSC 128
PEDS 102	HLSC 126 and HLSC 128
PHSL 162	HLSC 126 and HLSC128
HLSC 122	HLSC 126 and HLSC 128
HLST 159	HLST 152
NURS 118 and NURS 228	HLSC 126 and HLSC 128
PEDS 100	HLSC 120
PEDS 101	HLSC 126
PEDS 103	HLSC 128
NURS 105	HLSC 120

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BUSINESS MANAGEMENT – AVIATION MANAGEMENT MAJOR	
ACCT 311	ACCT 111
AGAD 105	ACCT 111
ACCT 322	ACCT 218
MGTS 103	ACCT 215
STAT 141	ACCT 215
STAT 151	ACCT 215
MGMT 111	FNCE 113
ACCT 114	MGMT 107
AGAD 107	MGMT 107
CMPT 157	MGMT 107
OAAS 111 and OAAS 121	MGMT 107
AGAD 129 and AGAD 130	MGMT 121
ORGA 201	MGMT 121
ACCT 156	MGMT 122
AGAD 103	MGMT 131
MKTG 301	MGMT 131
ACCT 255	MGMT 211
FNCE 301	MGMT 211
ECON 100	ECON 101
ECON 203	ECON 101
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ORGA 316	MGMT 122
AGAD 105	ACCT 111

BUSINESS MANAGEMENT – INSURANCE AND RISK MANAGEMENT MAJOR

ACCT 311	ACCT 111
AGAD 105	ACCT 111
ACCT 332	ACCT 218
ORGA 201	MGMT 121
MGMT 111	FNCE 113
ACCT 156	MGMT 122
AGAD 107	MGMT 107
CMPT 157	MGMT 107
ACCT 114	MGMT 107
OAAS 111 and 121	MGMT 107
AGAD 129 and AGAD 130	MGMT 121
AGAD 103	MGMT 131
HRMT 220	ORGA 330
MASD 330	ORGA 330
MGMT 223	ORGA 330
ECON 100	ECON 101
ECON 203	ECON 101
MARK 301	MGMT 131
ENGL 100	ENGL 111 or ENGL 102
ENGL 101	ENGL 111 or ENGL 102
ENGL 105	ENGL 111 or ENGL 102
ENGL 108	ENGL 111 or ENGL 102
ORGA 316	MGMT 122

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
BUSINESS MANAGEMENT – PROFESSIONAL GOLF MANAGEMENT MAJOR	
MGMT 241	MGMT 243
ACCT 114	MGMT 107
AGAD 107	MGMT 107
CMPT 157	MGMT 107
OAAS 111 and OAAS 121	MGMT 107
ACCT 311	ACCT 111
AGAD 105	ACCT 111
ACCT 322	ACCT 218
AGAD 129 and AGAD 130	MGMT 121
ORGA 201	MGMT 121
ACCT 156	MGMT 122
AGAD 103	MGMT 131
MARK 301	MGMT 131
MGMT 243	MGMT 261
HRMT 220	ORGA 330
MASD 330	ORGA 330
MGMT 223	ORGA 330
PGCT 361	PGMT 235
PHSD 301	PGMT 230
PGMT 111 and PGMT	PGMT 115
GOMT 111 and GOMT 211	PGMT 125
GOMT 121 and GOMT 221	PGMT 225
PGMT 251 and PGMT	PGMT 215
PGMT 151 and PGMT 253	PGMT 120
ENGL 100	ENGL 111 or ENGL 102
ENGL 101	ENGL 111 or ENGL 102
ENGL 105	ENGL 111 or ENGL 102
ENGL 108	ENGL 111 or ENGL 102
ORGA 316	MGMT 122
AGAD 105	ACCT 111
HRMT 180	HRMT 200

CORRECTIONAL SERVICES

PSSC 141	CORR 100
RPPR103	CORR 100
MHST 101	CORR 100
SOWK 102	CORR 100
SOWK 115	CORR 214
SOWK 205	CORR 224
PSSC 272	CORR 214
CYCW 203	CORR 214
SOCI 225	CORR 110
CORR 108	CORR 118
SOCI 321	CORR 218
SOCI 327	CORR 104
PSSC 121	CORR 104
MHST 123	CORR 112
SOWK 110	CORR 112
CYCW 101	CORR 112
MHST 204	CORR 206
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111

COURSE SUBSTITUTIONS BY PROGRAM

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
ENGL 105	ENGL 111
ENGL 108	ENGL 111

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
ENGL 108	ENGL 111

EARLY LEARNING AND CHILD CARE

TAST 107 and TAST 117	ECDV 255
CYCW 101	ECDV 115
CYCW 104	OOSC 200
CYCW 112	ECDV 210
SOWK 111	ECDV 210
SOWK 112	ECDV 160
PSYC 223	ECDV 160
SOCI 271	ECDV 260

EMERGENCY COMMUNICATIONS AND RESPONSE

CORR 100	PSSC 141
ECDV 265 and ECDV 115	PSSC 141
RPPR 103	PSSC 141
NURS 101	PSSC 141
HLST 101	PSSC 141
CORR 104	PSSC 121
PSSC 293	ECRP 161
PSSC 283	ECRP 161
SOWK 102	PSSC 141
ENGL 108	ENGL 111
MHST 101	PSSC 141
CYCW 101 and CYCW 114	PSSC 141
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 199	ENGL 111
INTD 105	PSSC 141

FINE ART

ENGL 101	ENGL 111
ENGL 108	ENGL 111

FINE ART

ENGL 101	ENGL 111
ENGL 108	ENGL 111

HEARING AID PRACTITIONER

ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111

HUMAN RESOURCES MANAGEMENT

HRMT 210	ACCT 111
HRMT 412	HRMT 151
HRMT 314	HRMT 145
HRMT 316	HRMT 131
HRMT 318	HRMT 160
HRMT 180	HRMT 200
HRMT 331	HRMT 231
HRMT 475	HRMT 275
LEGL 312	LEGL 212
CMPT 157	MGMT 107
ORGA 201	MGMT 122
ACCT 156	MGMT 122
MOHR 321	MGMT 122
ACCT 311	ACCT 111
MM 101.3	MGMT 107
OAAS 111 and 121	MGMT 107
ORGA 433	ORGA 233
BUSN 200	BUSN 201
HRMT 130 and 230	HRMT 131 and HRMT 231
ENGL 100	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
MGMT 111	FNCE 113

MASSAGE THERAPY

HLSC 126	MTST 125
HLSC 128	MTST 126
HLSC 120	MTST 122
PEDS 100	MTST 122
PEDS 101 and PEDS 200	MTST 125
PEDS 102	MTST 125
PEDS 103	MTST 126
CORR 100	MTST 137 and MTST 240
MGMT 212	MTST 265
PEDS 206	MTST 146
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 108	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
LEGL 120	LEGL 210

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
LIBRARY AND INFORMATION TECHNOLOGY	
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
OCCUPATIONAL HEALTH NURSING	
OCCH 321 & OCCH 322 & ENGL 102 OR ENGL 100	OCCH 302 ENGL 111 OR ENGL 108
OFFICE ASSISTANT – ADMINISTRATIVE MAJOR	
MGMT 111	OADM 124
OAMS 128	OADM 124
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
MGMT 122	OAAS 110
ACCT 111	ACCT 100
ENGL 211	OADM 112
OFFICE ASSISTANT – LEGAL MAJOR	
MGMT 111	OADM 124
OAMS 128	OADM 124
LEGL 210	LEGL 100
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 211	OALS 112
LEGL 150	OALS 132
LEGL 180	OADM 124
OADM 103	OALS 111

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
OFFICE ASSISTANT – MEDICAL MAJOR	
MGMT 111	OAMS 128
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 211	OAMS 112
POLICE AND INVESTIGATIONS – INVESTIGATIVE STUDIES MAJOR	
PSSC 203	PSSC 253
PSSC 102	PSSC 252
CORR 100	PSSC 141
RPPR 103	PSSC 141
NURS 101	PSSC 141
HLST 101	PSSC 141
MHST 101	PSSC 141
PSSC 123	PSSC 133
PSSC 122	PSSC 132
PSSC 283	PSSC 293
CORR 104	PSSC 121
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
POLICE AND INVESTIGATIONS – POLICE STUDIES MAJOR	
PSSC 132	PSSC 122
CORR 100	PSSC 141
RPPR 103	PSSC 141
NURS 101	PSSC 141
HLST 101	PSSC 141
PSSC 133	PSSC 123
PSSC 293	PSSC 283
PSSC 253	PSSC 203
PSSC 252	PSSC 102
CORR 104	PSSC 121
MHST 101	PSSC 141

COURSE SUBSTITUTIONS BY PROGRAM

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
LS 301.3	PSSC 203
LS 401.3	PSSC 204
LS 311.3	PSSC 283
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
MHST 106 and MHST 122	SOWK 111
CYCW 100 and CYCW 211	SOWK 112
ECDV 110 and ECDV 160	SOWK 112
OPCA 205	SOWK 112
MHST 103	SOWK 112
PSYC 223	SOWK 112
TAST 101	SOWK 112
CYCW 204	SOWK 201

PSYCHIATRIC NURSING

PEDS 100	HLSC 120
PEDS 101	HLSC 126
PHSL 162	HLSC 126 and 128
NURS 108	HLSC 126 and 128
HLSC 122	HLSC 126 and 128
NURS 118 and 228	HLSC 126 and 128
PEDS 102	HLSC 126 and 128
PEDS 103	HLSC 128
NURS 152	HLST 159
NURS 170	NURS 150
NURS 270	NURS 251
NURS 275 & 277	NURS 253 & 255
NURS 175 & HLST 300	PNRS 152
NURS 105	HLSC 120

PUBLIC RELATIONS

PREL 231	PROW 211
BUSN 201	BUSN 200
PROW 100	PROW 211
BCSC 100	PROW 211

SOCIAL WORK

SOWK 217	SOWK 101
CORR 100	SOWK 102
CYCW 101	SOWK 102
ECDV115 and ECDV 165	SOWK 102
MHST 101	SOWK 102
PSSC 141	SOWK 102
RPPR 103	SOWK 102
NURS 101	SOWK 102
MHST 125 and MHST 205	SOWK 105
SLPA 242 and SLPA 243	SOWK 105
CYCW 112 and CYCW 209	SOWK 111

SPECIAL NEEDS EDUCATIONAL ASSISTANT

TA111.3	TAST 101
TA111.4	TAST 101
PSYC 104	TAST 101
ECDV 160	TAST 101
ECDV 255	TAST 101
CYCW 211	TAST 101
THAS 115	TAST 101
EDPY 200	TAST 101
TA 211.2	TAST 102
TA 212.3	TAST 103
TAST 104	TAST 114
TA230.3	TAST 114
TA330.3	TAST 114
CYCW 100	TAST 114
CYCW 101	TAST 114
CYCW 108	TAST 114
CYCW 201	TAST 114
CYCW 360	TAST 114
RPPR 117	TAST 114
RPPR 119	TAST 114
ECDV 280	TAST 114
OOSC 200	TAST 114
OOSC 205	TAST 114
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 199	ENGL 111
SOWK 102 and SOWK 110	TAST 114

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
THEATRE ARTS	
DRMA 102	THAR 153
THEATRE ARTS	
DRMA 102	THAR 153
THERAPIST ASSISTANT – PHYSICAL THERAPIST ASSISTANT/OCCUPATIONAL THERAPIST	
NURS 101	HLST 101
SOWK 102	HLST 101
CYCW 101	HLST 101
CORR 100	HLST 101
RPPR 103	HLST 101
PSSC 141	HLST 101
HR 101.3	HLST 101
CJ 102.3	HLST 101
BA 104.3	HLST 101
INTD 105	HLST 101
NURS 105	HLSC 104
HLSC 120	HLSC 104
MTST 120 and MTST 122	HLSC 104
NURS 108	HLSC 105
PHSL 162	HLSC 105
PEDS 101 and PEDS 103	HLSC 105
HLSC 126 and HLSC128	HLSC 105
NURS 118 and NURS 228	HLSC 105
HLSC 122	HLSC 105
MTST 125 and MTST 126	HLSC 105
MHST 103	THAS 115
OPCA 205	THAS 115
OPCA 206	THAS 116
OPCA 207	THAS 117
PTHA 230	THAS 220
THAS 208	THAS 220
PTHA 231	THAS 221
THAS 208	THAS 221
OTHA 220 and THAS 209	THAS 222
OTHA 221	THAS 223
THAS 209	THAS 223
ENGL 100	ENGL 111

CREDIT EARNED IN:	MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 199	ENGL 111

THERAPIST ASSISTANT – SPEECH LANGUAGE PATHOLOGIST ASSISTANT MAJOR

NURS 101	HLST 101
SOWK 102	HLST 101
CYCW 101	HLST 101
CORR 100	HLST 101
RPPR 103	HLST 101
PSSC 141	HLST 101
HR 101.3	HLST 101
CJ 102.3	HLST 101
BA 104.3	HLST 101
INTD 105	HLST 101
SLPA 240	THAS 101
OPCA 103	THAS 102
MHST 103	THAS 115
OPCA 205	THAS 115
SLPA 241	THAS 202
ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
ENGL 199	ENGL 111
TAST 125	TAST 100
THAS 214	THAS 216
THAS 104	THAS 100
THAS 209	THAS 223

TRAVEL

ENGL 100	ENGL 111
ENGL 101	ENGL 111
ENGL 102	ENGL 111
ENGL 103	ENGL 111
ENGL 105	ENGL 111
ENGL 108	ENGL 111
MGMT 107	OADM 101



COURSE DESCRIPTIONS

The following section is a complete alphabetical listing of courses for all MacEwan University programs in this academic calendar. Many of the courses are transferable to the University of Alberta and other Alberta universities, university colleges and colleges/technical institutes. For the most up-to-date transfer information, refer to the Online Alberta Transfer Guide at www.transferalberta.ca

Each MacEwan University course listed in this section has information that all students need to know. The legend provides an explanation for each element included in the course description.

LEGEND

COURSE #
↓
PSYC-104

COURSE NAME
↙
Introductory Psychology I

3 Credits

A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

COURSE HOURS

Normally, a 3 credit course in the fall or winter term is offered over a 13 week instructional period, for 3 hours a week. The most common offering patterns for courses in these terms are 1 hour per day on a Monday, Wednesday and Friday (MWF) pattern, or 1.5 hours per day on a Tuesday, Thursday (TR) pattern. Courses with lab components will have additional weekly hours. Courses offered over a shorter period of time will be scheduled for more hours per week. While this describes the duration of many classes, there are exceptions such as clinical placements and practica. Student timetables, available on class registration clearly indicate date, time and duration of classes.

ACCT-100**Introduction to Accounting and Computerized Accounting Applications****3 Credits**

This is a basic financial accounting course in which students explore the introductory principles, concepts and applications of accounting. Through an overview of the nine step accounting cycle, students demonstrate the full range of processes from the initial recording of transactions to the creation of financial statements and reports. Students record transactions manually, and then electronically using an industry standard software package(s).

ACCT-111**Financial Accounting I****3 Credits**

Students are introduced to fundamental accounting principles, concepts and techniques. The course provides an overview of the accounting cycle from the initial recording of transactions through to the preparation of financial statements for merchandising and service businesses that are organized as proprietorships, partnerships or corporations. Internal controls for cash, calculating and recording of payroll, sales taxes and some alternate inventory cost flow assumptions are other topics that are examined in detail.

ACCT-161**Financial Accounting II****3 Credits**

Students study recording and reporting issues for receivables, capital assets, current and long-term liabilities, and investments. The unique equity recording and reporting issues for partnerships and corporations are explored in detail. Preparation of the cash flow statement is introduced. Analysis of financial statement information is also included in the course.

Prerequisites: Minimum grade of C- in ACCT 111.

ACCT-162**Practical Tax Applications****3 Credits**

This hands-on course introduces students to the preparation of personal tax returns (T1) and corporate tax returns (T2), including the documentation and schedules related to T1 and T2 preparation. Students gain an understanding of the concepts underlying income tax legislation. This course also provides a brief introduction to the Goods and Services Tax (GST). The explicit use of taxation software is expected in this course.

Prerequisites: ACCT 111.

ACCT-164**Accounting Software Applications****3 Credits**

Students record business transactions during all steps of the accounting cycle using multiple accounting software packages (information systems). Students create financial statements, generate reports, compare multiple accounting information systems and make recommendations.

Prerequisites: MGMT 107, and ACCT 111.

ACCT-211**Financial Accounting III****3 Credits**

This is the first of two intermediate financial accounting courses. It provides an in-depth examination of financial accounting concepts, fundamental principles, policies, and reporting requirements for current and non-current assets. Students use their foundational knowledge to further develop their professional judgment for recording and reporting various accounting transactions related to current and non-current assets. Students learn International Financial Reporting Standards (IFRS), and Accounting Standards for Private Entities (ASPE).

Prerequisites: ACCT 161.

ACCT-214**Integrated Accounting Systems****3 Credits**

Students focus on two key software packages: spreadsheet applications and advanced financial accounting software such as ERP software. Students build intermediate and advanced spreadsheet applications to analyze and solve business problems. Students also explore and use advanced accounting software to record transactions and prepare financial statements, create reports and analyze the results.

Prerequisites: ACCT 161 and ACCT 164.

ACCT-215**Quantitative Decision Support****3 Credits**

An introduction to descriptive and inferential statistics, and the use of statistical analysis within the business environment. Manual and computer software methods are used to explore topics such as: probability distributions, sampling distributions, hypothesis tests and simple linear regression.

Prerequisites: MGMT 107.

ACCT-218**Management Accounting I****3 Credits**

Students gain an understanding of the managerial accounting tools used for planning, directing and controlling an organization. This course covers topics and concepts such as cost behaviour, costing methods, cost-volume-profit analysis, budgeting, relevant costs, segment reporting and performance measurement. Familiarity with spreadsheets is an asset in this course.

Prerequisites: ACCT 111.

ACCT-255**Financial Management****3 Credits**

This course explores the goals and decision making process of financial management. It is a study of the financial and investment decisions from the corporation's perspective which includes the valuing of financial assets, determining the cost of capital and capital structure, and managing short and long term finances.

Prerequisites: ACCT 211.

ACCT-261**Financial Accounting IV****3 Credits**

This is the second of two intermediate financial accounting courses. It provides an in-depth examination of financial accounting concepts, fundamental principles, policies, and reporting requirements for liabilities and shareholders' equity, complex accounting situations, and the preparation of the statement of cash flows. Students use their foundational knowledge to further develop their professional judgement in these areas as well as in the area of accounting errors and changes. Students learn International Financial Reporting Standards (IFRS) and Accounting Standards for Private Entities (ASPE).

Prerequisites: ACCT 211.

ACCT-268**Management Accounting II****3 Credits**

The focus of this intermediate accounting course is on cost management and costing systems. The emphasis is on the use of cost information for planning, decision making, and control. This is accomplished through an in depth study of various costing systems e.g. job costing, process costing, activity based costing and management, support department cost allocation, joint product and by product costing and variable and absorption costing.

Prerequisites: Minimum grade of C- in one of ACCT 218 or ACCT 322.

ACCT-275**Accounting Information Systems****3 Credits**

This course emphasizes the accountant's role in the design, development, implementation, operation, and control of accounting information systems. Students use and interpret common documentation tools to represent, explain and analyze business processes and cycles. Students also evaluate internal control systems to assist organizations to achieve their goals, assess risks and propose effective control plans. The fundamentals of information security, risk management and fraud detection are analyzed in accounting systems.

Prerequisites: MGMT 107 and a minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-311**Introductory Accounting****3 Credits**

Students are introduced to the preparation, use, and interpretation of financial statements. Emphasis is on reporting to shareholders, creditors, and other external decision makers. The course also includes principles and standards of balance sheet valuation, income measurements, financial disclosure, and cash flow analysis. Restricted to Bachelor of Commerce, Asia Pacific Management, Bachelor of Applied International Business and Supply Chain Management and Business Studies Minor students.

Prerequisites: ECON 102.

ACCT-315**Intermediate Financial Accounting 1****3 Credits**

This is the first of two intermediate financial accounting courses that emphasize the preparation of financial statements for external users in accordance with Generally Accepted Accounting Principles (GAAP) which includes International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprise (ASPE). This course focuses on a detailed analysis of accounting for assets and revenue recognition.

Prerequisites: Minimum grade of C- in ACCT 161, or a minimum grade of C- in both FNCE 301 and ACCT 311.

ACCT-316**Intermediate Financial Accounting II****3 Credits**

This is the second of two intermediate financial accounting courses that emphasize the preparation of financial statements for external users in accordance with current reporting standard, International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprise (ASPE). This course provides an in-depth examination of accounting for liabilities, owners' equity and cash flow, including accounting for complex accounting situations.

Prerequisites: Minimum grade of C- in ACCT 315.

ACCT-318**Management Accounting III****3 Credits**

The focus of this course is on complex decision analysis tools to solve problems in regression analysis; linear programming; flexible budgeting; variance analysis; capital budgeting with taxes; quality and simulations. Instruction will be done through lecture and by the use of computer modeling.

Prerequisites: Minimum grade of C- in both prerequisites: ACCT 268, and one of ACCT 215 or MGTS 103.

ACCT-322**Managerial Information and Control Systems****3 Credits**

Students focus on how to prepare and use managerial accounting information for management decision-making. Major topics include: product costing, cost-volume-profit analysis, budgeting, and relevant costs in decision-making. Restricted to Bachelor of Commerce, Asia Pacific Management and Business Studies Minor students.

Prerequisites: ACCT 311.

ACCT-324**Intermediate Management Accounting****3 Credits**

Students enhance and expand upon the concepts and tools acquired in prerequisite courses aimed at costing products, services and processes and developing the accounting information required to support business decisions. Topics include cost allocation procedures in a process environment, service departments and within joint production and decision support for pricing, profit, transfer prices and capital expenditures.

Prerequisites: MGTS 312 and a minimum grade of C- in ACCT 322.

ACCT-328**Income Tax Fundamentals****3 Credits**

Students build on concepts learned in introductory financial accounting and microeconomics in the study of the fundamentals of the Canadian Income Tax System. Topics covered include the identification of the sources of income and how they are taxed, the computation of net income, taxable income and taxes payable for individuals and corporations resident in Canada and the impact of income taxation on business decision-making. **Note:** A student may receive credit for only one of ACCT 328 and ACCT 362.

Prerequisites: Minimum grade of C- in one of ACCT 311 or ACCT 161.

ACCT-350**Audit****3 Credits**

This course introduces students to the concepts, principles and practical applications of auditing in the business world. It covers the fundamentals of auditing objectives, analytical procedures, internal control, materiality, control risk and audit planning. Audit sampling techniques to test controls, and to provide detailed account balances are reviewed. Operational and comprehensive audit services are also examined.

Prerequisites: minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-351**Advanced Financial Accounting****3 Credits**

This course covers advanced financial accounting topics. The topics covered are investments in equity securities, business combinations, inter-corporate investments, foreign currency transactions, accounting for not-for-profit and public sector organizations and partnership accounting.

Prerequisites: ACCT 261.

ACCT-352**Issues in Global Accounting Practice****3 Credits**

Globalization affects business operations and the conducting of international business transactions. This course introduces students to the major issues involved in doing business internationally, and how business is conducted within the international economic and trade systems. The course specifically examines how globalization impacts the functional areas of finance, accounting and taxation.

Prerequisites: LEGL 210 and ECON 101 and either ACCT 261 or ACCT 311.

ACCT-353**Leadership and Ethics****3 Credits**

Students examine the theoretical and practical aspects of leadership and ethics with a focus on ethical decision-making in business contexts. Concepts including utilitarianism, virtue ethics, organizational values, ethical relativism, transformational, situational and servant leadership, and intercultural contexts are discussed. Students analyze case studies to develop an in-depth understanding of leadership and ethical practice in the workplace, and discuss the implications of unethical business conduct.

Prerequisites: MGMT 122 or BUSN 200 or BUSN 201.

ACCT-358**Advanced Management Accounting****3 Credits**

The course focuses on three key aspects of management accounting. The first component of the course examines how the management accountant evaluates the strategy of the organization. Next, some of the planning tools available to the firm are analyzed and applied. These planning models include the product life cycle, target costing, the theory of constraints, quality and strategic pricing. The course will also look at how senior management controls the overall direction of the firm's strategy by examining the organizational structure, the balanced scorecard and the management compensation system. The course will also integrate cases throughout the course to illustrate and apply the concepts taught.

Prerequisites: ACCT 318.

ACCT-362**Introduction to Taxation****3 Credits**

Students are introduced to taxation in Canada, focusing on the income taxation of individual taxpayers and an introduction to the Goods and Services tax. Topics include: General concepts and principles of income taxation and the Goods and Services tax, the computation of net income, taxable income and tax payable for individuals and the administration of income taxation. Students apply the concepts covered through problems and cases. **Note:** A student may receive credit for only one of ACCT 362 and ACCT 328.

Prerequisites: ACCT 311

ACCT-366**Government and Not-for-Profit Accounting****3 Credits**

Students gain an understanding of the mission requirements of Not-For-Profit (NFP) and Government entities which result in differences between traditional IFRS or ASPE accounting, and NFP & Government accounting. Students develop more in-depth knowledge about the legislative process at the municipal, provincial and federal government level, and at the Board level of NFP organizations. Students develop the ability to prepare NFP and Government financial statements which includes the disclosure of issues such as fund accounting and accounting for endowments.

Prerequisites: ACCT 311 or ACCT 111 & ACCT 161 Minimum grade of C- is required in all prerequisite courses.

ACCT-370**Directed Field Study Seminar****3 Credits**

Directed Field Studies Seminar (DFSS) bridges the gap between academic studies and practical experience. This advanced course prepares students for their Directed Field Studies thus building on the program's guiding principle of "Theory + Experience = Learning." DFSS develops theoretical understanding and field-related skills in research design and methodology, as well as critical analysis and interpretation of research literature, research studies and findings. Students also prepare for the workforce through the development of presentation skills, job search skills, resumes, cover letters and interview techniques.

Prerequisites: ACCT 261 and ACCT 318.

ACCT-371**Directed Field Study I****3 Credits**

In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-371 is Part-1 of the two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.

Prerequisites: Minimum grade of C- in all prerequisites: ACCT 350 or ACCT 442, and ACCT 351 or ACCT 410, and ACCT 358 or ACCT 422, and ACCT 370, and ACCT 391 or ACCT 412.

ACCT-372**Directed Field Study II****3 Credits**

This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 371. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.

Prerequisites: ACCT 371.

ACCT-373**Directed Field Study III****3 Credits**

In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-373 is Part-1 of the second round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.

Prerequisites: ACCT 372.

ACCT-374**Directed Field Study IV****3 Credits**

This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 373. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.

Prerequisites: ACCT 373.

ACCT-375**Directed Field Study V****3 Credits**

In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-375 is Part-1 of the third round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.

Prerequisites: ACCT 374.

ACCT-376**Directed Field Study VI****3 Credits**

This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 375. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week. *Prerequisites:* ACCT 375.

ACCT-377**Directed Field Study VII****3 Credits**

In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-377 is Part-1 of the fourth round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week. *Prerequisites:* ACCT 376.

ACCT-378**Directed Field Study VIII****3 Credits**

This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 377. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week. *Prerequisites:* ACCT 377.

ACCT-390**Advanced Audit****3 Credits**

This advanced audit course covers in-depth techniques and auditing procedures relevant for assets, liabilities, revenue and expense accounts. It includes the procedures for preparation of working papers and the assembly of portions of an audit file. Mini-cases and a computerized audit case supplement are included. *Prerequisites:* Minimum grade of C- in one of ACCT 350 or ACCT 442.

ACCT-391**Accounting Theory****3 Credits**

In this advanced course, students examine contemporary theory, research and practices that have shaped accounting. Topics include: the conceptual framework of accounting, linking financial information to the users, and alternative measurement methods. *Prerequisites:* Minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-392**Taxation II****3 Credits**

Students study the fundamentals of the Canadian Income Tax System. Topics covered include the structure of income tax legislation, the identification of the sources of income and how they are taxed, the determination of net income, the computation of taxable income and income taxes payable for individuals and corporations resident in Canada. The impact of income taxation on business transactions and decision making are considered in all topic areas and students are introduced to key issues in tax planning for individuals and corporations. *Prerequisites:* ACCT 162 and LEGL 210.

ACCT-395**Advanced Finance****3 Credits**

This course is designed to apply the tools acquired through previous studies in finance, management accounting, financial accounting and information technology, to assess financial securities and identify the risk associated with those securities. *Prerequisites:* One of ACCT 215, STAT 141, STAT 151, or MGTS 103, and a minimum grade of C- in one of ACCT 255 or FNCE 301.

ACCT-398**Strategic Management****3 Credits**

This is the capstone course of the Applied Degree in Accounting. Successful completion of this course requires students to demonstrate an in-depth knowledge of performance measurement within the corporate, business and functional levels of strategy. This includes the analysis, formulation and execution of strategic planning through the use of case studies. *Prerequisites:* Minimum grade of C- in all prerequisites: ACCT 351 or ACCT 410, and ACCT 358 or ACCT 422, and ACCT 391 or ACCT 412.

ACCT-410**Financial Accounting - Advanced****3 Credits**

Building on concepts and tools acquired in previous coursework, students examine the complex concepts and practices of financial reporting in a variety of operating environments including publicly traded enterprises in a multinational environment. The course topics include accounting for financial instruments, inflation, inter-corporate investments and business combinations, foreign currency, and alternative business forms. **Note:** A student may receive credit for only one of ACCT 410 and ACCT 351.

Prerequisites: Minimum grade of C- in one of ACCT 316 or ACCT 261.

ACCT-412**Financial Accounting Theory****3 Credits**

Students explore major concepts in a theoretical approach to accounting. Topics include: the conceptual framework of accounting, the role of accounting in the economy, links between income and value, standard setting and other current issues. **Note:** A student may receive credit for only one of ACCT 412 and ACCT 391.

Prerequisites: Minimum grade of C- in ACCT 315 or ACCT 211.

ACCT-422**Management Accounting - Advanced****3 Credits**

Students use concepts and tools acquired in prerequisite courses as a foundation to address senior level performance evaluation and management within the context of an organization's strategy including a critical analysis of current practices. Critical thinking and communication skills are emphasized through analysis of cases and current topics. Topics include the nature of management and management accounting system support for strategy, organizational behavior and goal congruence including incentives and compensation, organizational design including management and management accounting systems support, financial and non-financial performance measurement systems including the alignment to strategy and financial and operational forecasting and analysis. **Note:** A student may receive credit for only one of ACCT 422 and ACCT 358.

Prerequisites: ORGA 201 and minimum grade of C- in ACCT 324.

ACCT-430**Accounting Information and Systems Support****3 Credits**

Students examine accounting system needs, design, implementation and maintenance in a variety of organizational settings with the aim of providing the information necessary to support strategic initiatives and statutory reporting requirements. Students construct a model to test a variety of assumptions regarding the quality of accounting information. **Note:** A student may receive credit for only one of ACCT 430 and ACCT 275.

Prerequisites: MSYS 200 and minimum grade of C- in ACCT 322.

ACCT-442**Auditing****3 Credits**

This course focuses on the concepts and principles of auditing (assurance) including audit objectives, analytical procedures including sampling techniques, internal control, materiality, control risk and planning; and preparation of audit working papers. The comprehensive and systems audit approaches are also addressed.

Prerequisites: Minimum grade of C- in one of ACCT 315 or ACCT 211.

ACCT-462**Corporate Taxation****3 Credits**

Students examine the principles and concepts underlying the income taxation of corporations, including the income taxation of corporate distributions and transactions with shareholders. The course includes corporate tax planning considerations, an introduction to the income taxation of partnerships and trusts, and an introduction to corporate reorganizations. Students use complete problems and cases to apply the course concepts.

Prerequisites: ACCT 362

ACCT-493**Integrated Case Studies in Accounting****3 Credits**

This course is designed to offer students experience in integrated case analysis that will help them in applying the subject matter they have learned in various courses to real life situations. Students apply accounting, finance, strategy and governance knowledge in order to provide recommendations and conclusions for real-world business simulations and case studies.

Prerequisites: ACCT 316 or ACCT 261, ACCT 328 or ACCT 392, FNCE 301 or ACCT 255, ACCT 318 or ACCT 324. Minimum grade of C- is required in all prerequisite courses. ACCT 350 or ACCT 442 are strongly recommended for this course.

ACCT-497**Special Topics in Accounting****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Accounting and Finance for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level ACCT course and consent of the department chair or designate.

ACCT-498**Independent Studies in Accounting****3 Credits**

In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of accounting. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance accounting knowledge or practice. **Note:** This course can be taken twice for credit. *Prerequisites:* Consent of the course instructor and the department chair.

ACUP-101**Meridian Systems and Acupuncture Points I****3 Credits**

During a combination of lecture, demonstrations and practice, students learn the location of acupuncture points on the lung, large intestine, stomach and spleen meridians. They will also learn the concept of meridians, channels and collaterals as well as anatomical landmarks, methods of measurement, acupuncture point energetics, indications and the Chinese name of each point.

ACUP-103**Meridian Systems and Acupuncture Points II****3 Credits**

During a combination of lecture, demonstrations and practice, students learn the location of acupuncture points on the heart, small intestine, urinary bladder, kidney, and pericardium meridians. They also learn the concept of meridians, channels and collaterals, as well as anatomical landmarks, methods of measurement, acupuncture point energetics, indications and the Chinese name of each point. This course is a continuation of Meridian Systems and Acupuncture Points I.

ACUP-104**Diagnostics in Traditional Chinese Medicine****3 Credits**

Students diagnose disorders according to the principles of TCM. Patient assessment skills used in modern Traditional Chinese Medicine, including the "Four Methods of Diagnosis", are explained and practiced.

ACUP-105**Introduction to Qi Gong and Tui Na****1 Credit**

Qi Gong and its value in the practice of Traditional Chinese Medicine is discussed and students are introduced to basic methods of Qi Gong which includes the traditional methods of moving and tonifying Qi. Students also become familiar with basic principles of Tui Na, a style of Chinese manipulations using non-invasive techniques for therapeutic and relaxation purposes.

ACUP-106**Medical Terminology****1 Credit**

Topics in this course include an introduction to the use of words and word parts as they relate to different structures of the human body and selected major body systems.

ACUP-108**Clinical Observation I****1 Credit**

As the first session of clinical observation, students have the opportunity to witness all facets of patient care, diagnosis and treatment providing the link between theoretical studies and practical clinical application. Students become familiar with all aspects of clinic operation, procedures and patient visits. *Prerequisites:* ACUP 104.

ACUP-110**Meridian Systems and Acupuncture Points III****3 Credits**

This course continues the process of locating and learning the functions and indications of the meridian system and acupuncture points. This course covers the Triple Warmer, Gall Bladder and Liver channels as well as commonly used extra points.

ACUP-111**Diagnostics in Traditional Chinese Medicine II****3 Credits**

In this course, students examine the physical, anatomical and energetic aspects of meridian-based physical assessment. Students learn the therapeutic use of the tendino-muscular pathways and the divergent or distinct channels. Students also develop their palpation skills and explore its importance in clinical practice.

Prerequisites: HLSC 104, ACUP 104 and ACUP 101.

ACUP-112**Traditional Chinese Medicine Internal Therapeutics I****2 Credits**

This course covers the various conditions that may appear as a result of dysfunction of the digestive system and how these conditions are assessed, diagnosed and treated using the Traditional Chinese Medicine system.

Prerequisites: ACUP 101 ACUP 104 and ACUP 119.

ACUP-113**Clinical Observation and Practice I****1 Credit**

This second clinical observation course builds upon the skills learned in Clinical Observation I. Students gradually become more involved with the patient intake process and other clinic procedures.

Prerequisites: ACUP 108.

ACUP-114**Introduction to Research Methodology****2 Credits**

This course examines the basic concepts and methodologies that are used in modern acupuncture and Traditional Chinese Medicine research. Specific difficulties in applying a commonly used research format for evidence-based practices to the complex, unique practice of Traditional Chinese Medicine are discussed.

ACUP-115**Qi Gong and Tuina II****2 Credits**

In this course, students build on foundational concepts, and practice more advanced techniques of Qi Gong as preparation for self discipline and mind cultivation. Tuina and Oriental body work are also covered in detail. The application of specific Tuina techniques in a wide variety of pathological conditions is explored and students learn when these techniques from Traditional Chinese Medicine are integrated in the practice of acupuncture.

Prerequisites: ACUP 105.

ACUP-116**TCM Diagnostics Lab****1 Credit**

The distinct diagnostic methods used to diagnose patterns of disharmony in Traditional Chinese Medicine (TCM) require skills that can only be obtained through practice. During this course, students practice and apply the procedures involved in the Four Pillars of diagnosis in Chinese Medicine. With basic competency in these skill sets, students are able to make correct conclusions and interpretations of the clinical data they have gathered.

Prerequisites: ACUP 104.

ACUP-117**Foundations of TCM****4 Credits**

During this course, students study the Eastern philosophical ideas and thought processes that form the unique basis of Traditional Chinese Medicine. This course also explores the causes of disease and examines the theory, the role and functions of the Zang Fu and Jing-Luo systems.

ACUP-119**Foundations of TCM II****3 Credits**

This course focuses on assessment and description of pathology based on diverse diagnostic systems that are typical to Traditional Chinese Medicine. Students learn how to differentiate disease patterns by studying theories of Zang Fu organs; Qi, blood and body fluids; eight principles; the six stages and four levels of disease; and San Jiao.

Prerequisites: ACUP 117.

ACUP-124**Introduction to Medical Microbiology****3 Credits**

In this course, students learn the basic principles of medical microbiology and the pathogenesis of infectious disease and of clinically important microbial pathogens including bacteria, viruses, parasites and fungi. Students learn how microorganisms function in disease. A brief history of microbiology, epidemiology, body defence mechanisms and aseptic techniques are also discussed.

Prerequisites: Biology 30.

ACUP-201**Extra Meridians & Microsystems****2 Credits**

This course introduces the eight extraordinary meridians theory and acupuncture points. The application of the theory in the clinic is discussed. Also, the microsystem of the ear and scalp acupuncture are explained and practiced.

ACUP-203**Therapeutic Principles of Acupuncture Point Selection and Combination****2 Credits**

This course covers the theoretical and practical principles that are used to formulate an acupuncture point prescription. The meaning of acupuncture point energetics and the synergy between specific points are explained. This course also covers how the acupuncturist can adjust and customize basic point combinations to the patient's actual signs, symptoms, and condition. The therapeutic mechanism of acupuncture from both the TCM and Conventional Medicine are discussed. Course topics also include risk management principles.

Prerequisites: ACUP 101, ACUP 119, ACUP 104.

ACUP-204**Traditional Chinese Medicine Internal Therapeutics II****3 Credits**

This course covers the various conditions that may appear as a result of dysfunction of the respiratory, cardiovascular systems, as well as psychological disorders. The course also covers how these conditions are assessed, diagnosed and treated according to TCM.

Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP-205**Traditional Chinese Medicine Modalities I****1 Credit**

This course introduces the various techniques used in Traditional Chinese Acupuncture such as needling, cupping, moxibustion, gua sha and explains appropriate therapeutic use of these techniques in clinical practice. The techniques of needle stimulation, such as tonification and sedation techniques, and safety and routine practices are also covered.

Prerequisites: ACUP 101.

ACUP-206**Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao****3 Credits**

Topics in this course include the history of Chinese nutrition, basic principles of nutrition from a Chinese energetic perspective, the use of specific foods for therapeutic purposes and the role that nutrition and lifestyle play in the overall maintenance of health in an individual. A generalized overview of the energetic properties of Chinese herbs is also discussed including an introduction to Chinese herbology.

Prerequisites: ACUP 104 and ACUP 119.

ACUP-208**Clinical Observation and Practice II****2 Credits**

The course focuses on all facets of patient care related to noninvasive techniques and therapeutic modalities. Professional behavior, attitudes, patient management and communication are discussed. Foundational principles of Traditional Chinese Medicine and universal safety and hygiene precautions used in the treatment of patients are applied.

Prerequisites: ACUP 113.

ACUP-209**Internal Medicine****3 Credits**

Students examine the pathological conditions which may affect the various systems of the body. Assessment and therapeutic principles are outlined for the digestive, circulatory, respiratory and urogenital systems. With an understanding of the disease process, western assessment and therapeutic models, students develop communication, team work and referral skills necessary when collaborating with other health care professionals.

Prerequisites: HLSC 104, MTST 126.

ACUP-210**Traditional Chinese Medicine Modalities II****3 Credits**

This course builds further on the acquired skills and knowledge of acupuncture techniques that were covered in the first modalities course. More specialized techniques, such as electro acupuncture and bleeding, as well as less commonly used techniques, like plum blossom needling, will be explained, demonstrated and practiced in class.

Prerequisites: ACUP 101.

ACUP-211**Traditional Chinese Medicine Internal Therapeutics III****3 Credits**

This course covers the various pathological conditions that may occur in gynecology and obstetrics based on the theory of Traditional Chinese Medicine. Students learn to do a TCM assessment, diagnosis and form appropriate treatment strategies for these conditions according to the theory of Traditional Chinese Medicine.

Prerequisites: ACUP 101, ACUP 104 and ACUP 119

ACUP-213**Traditional Chinese Medicine External Therapeutics I****3 Credits**

This course focuses on musculoskeletal disorders including muscle pain, joint and bone pain resulting from arthritis, injuries and other reasons. For each disorder, etiology, diagnosis and treatment according to TCM are discussed. The concepts of Bi Syndrome and Wei Syndrome, including assessment, diagnosis, and treatment are also covered.

Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP-214**Clinical Case Studies I****1 Credit**

This course is the first in a series of courses focusing on relevant clinical situations from a TCM perspective. Students present cases from their clinical experience and discuss them with the class and instructor. Students must systematically organize clinical intake data into a comprehensive diagnosis and treatment strategy.

Prerequisites: ACUP 101, ACUP 104, ACUP 119.

ACUP-215**Internship I****1 Credit**

In this first internship, students conduct an assessment and formulate an accurate Traditional Chinese Medicine diagnosis in collaboration with a supervisor. Students develop and implement treatment plans using a variety of therapeutic techniques. Students receive training in the following areas: appropriate communication with patients, professional behaviour, and proper documentation.

Prerequisites: ACUP 205, ACUP 208 and ACUP 210

ACUP-216**Traditional Chinese Medicine External Therapeutics II****2 Credits**

The second course of External Therapeutics focuses on the use of TCM for neurological conditions such as Parkinson's disease, facial paralysis, trigeminal neuralgia, and proctological, dermatological disorders including hemorrhoids, urticaria, acne, dermatitis, eczema. Disorders of the mouth, eye, ear, nose and throat such as tinnitus, deafness, otitis media, tonsillitis, laryngitis, myopia and toothache are also covered. For each disorder, definition, etiology, pathology, diagnosis, differentiation and treatment according to TCM are discussed.

Prerequisites: ACUP 101, ACUP 104 AND ACUP 119.

ACUP-218**Professional Ethics and Acupuncture Regulations****1 Credit**

In this course, students gain knowledge and an appreciation of issues related to standards of practice, professional code of ethics, professional boundaries, as well as matters of jurisprudence in the regulation of acupuncture in Alberta. A variety of complex clinical situations are explored such as conflicts of interest, boundary crossings, and privacy legislation. Students also learn how acupuncturists are regulated in Canada and, more specifically, in Alberta.

ACUP-219**Clinical Case Studies II****2 Credits**

This is the second in a series of courses focusing on relevant clinical presentations. Students present cases from their clinical experience and discuss them with the class and instructor.

Prerequisites: ACUP 214.

ACUP-220
Internship II
2 Credits

Building on their first internship, students continue to make appropriate assessments and proceed with an accurate Traditional Chinese Medicine(TCM) diagnosis with the assistance of the supervisor(s), ensuring appropriate patient charting and contributing actively to the treatment of patients, using correct therapeutic techniques. Students gradually take more initiative in the complete treatment of the patient.

Prerequisites: ACUP 215.

ACUP-221
Traditional Chinese Medicine Internal Therapeutics IV
3 Credits

This course covers urogenital disorders and male reproductive system disorders such as edema, UTI, kidney stone, prostatitis, impotence and EDS; endocrine disorders such as obesity, hyperthyroidism and hypothyroidism; auto-immune disorders and infection diseases such as fibromyalgia, chronic fatigue syndrome, AIDS, HIV, hepatitis. Also covered are pediatric disorders such as infantile diarrhea and dyspepsia, and enuresis. Students learn appropriate assessment diagnosis and treatment strategies for these disorders according to the theory of TCM.

Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP-303
Internship III
2 Credits

During the third internship, students become more independent as they make appropriate assessments and accurate Traditional Chinese Medicine(TCM) diagnoses. Students are encouraged to take more initiative in the complete treatment of the patient. More difficult cases and advanced treatment techniques are practiced under supervision.

Prerequisites: ACUP 220.

ACUP-304
Internship IV
2 Credits

This is the final clinical phase of internship where the senior intern applies all the skills necessary to work independently and successfully in an acupuncture clinic.

Prerequisites: ACUP 303.

ACUP-305
Practice Management and Professional Entry Requirements
3 Credits

This course prepares future professional acupuncturists for the business-related aspects of their profession. Topics covered include areas such as the planning, start-up and running of a clinic, communication skills with third parties and other health care providers, Workers' Compensation Board policies and charting, reporting, and billing issues.

ACUP-311
Acupuncture Safety Course (Clean Needle Technique)
1 Credit

This course prepares students to practice acupuncture safely based on Alberta and international standards. It covers information and practice on hygiene, infection prevention, and risk management in an acupuncture clinic.

ACUP-312
Herbology for Acupuncturists
2 Credits

This course covers the fundamental principles of Chinese herbology including the system of qualification and classification of medicinal substances unique to Chinese medicine. This system is juxtaposed to basic plant pharmacology and modern pharmaceutical compounds derived from Chinese herbs. The course provides an overview of Chinese herbal formulas commonly prescribed to patients who visit an acupuncture clinic. The information is presented at an introductory level providing practical information that is essential to an acupuncturist.

Prerequisites: ACUP 119.

ACUP-320
Pharmacological Therapy
3 Credits

In this course, students learn a brief history of pharmacology, drug classifications and the foundation of pharmacodynamic and pharmacokinetic principles. Examples from specific drug classes are used to illustrate how the principles involved in pharmacotherapeutics need to be included in professional practice. Brief scenarios are used to integrate pharmacology with the clinical setting. Safe, evidence-based practice, indications for use, therapeutic and adverse effects, assessment and patient/client education are emphasized. Drug-herbal interaction, political, legal, ethical, social and economic factors are discussed with regards to medications and health.

Prerequisites: ACUP 124, MTST 126

AGAD-100
Foundations of Arts and Cultural Management
3 Credits

In this course students examine critical issues and trends facing cultural managers today. Students examine the breadth and diversity of the sector, various organizing models and methods, the contributions of the sector to the Canadian economy and the role of art and culture in society. Students also examine significant historical events that influenced the development of the arts in Canada and explore the challenges inherent in balancing the needs of funders, artists and patrons.

AGAD-105
Accounting for Arts and Cultural Managers
3 Credits

In this course, students prepare, record and interpret financial information used in decision making. Students practice accounting procedures, prepare statements and reports for analysis and examine differences in the accounting practices of not-for-profit, charitable and for-profit arts and cultural organizations.

AGAD-107**Computer Applications in Arts Management****3 Credits**

Students develop foundational skills in the business applications commonly used by the arts manager including the features, functions and efficiencies of spreadsheet, database, word processing, publishing and presentation software. Producing a range of management documents, students focus on readability, visual appeal, form and function, and file management in each application. Projects combine skill development with the ability to connect these applications to subsequent work in the program.

AGAD-109**Publicity and Media Relations in the Arts****3 Credits**

In this course, students investigate the importance of publicity and media relations in the arts and cultural sector. Students research, write and edit media tools including media releases, public service announcements, media kits, photo call/op notices and media invitations. They also prepare and plan media strategies including media events, media lists, angles and pitches and develop a publicity campaign with a focus on building relationships with audiences via the media.

AGAD-112**Introduction to Audience and Resource Development****3 Credits**

Students explore principles of marketing and fund development and examine how these concepts are used to shape communications and resource development initiatives in the cultural sector. Other topics include various methods of relationship building with audiences for a variety of resource development goals focusing on earned and contributed revenue.

AGAD-120**Managing and Leading in Arts and Culture****3 Credits**

In this course, students study the principles of management and discuss the complexities of leading in the cultural sector. Students examine and reflect on the influences of personality type, perception, motivation and stress on interpersonal effectiveness and the impact of power, politics, change and organizational culture on the organization.

Prerequisites: AGAD 100.

AGAD-122**Applied Audience and Resource Development****3 Credits**

In this course students research and discuss potential funding and marketing tools and strategies utilized in the cultural sector. Students also develop key messages and plan for the development and use of marketing and fund development tools in various formats and media for a variety of audiences.

Prerequisites: AGAD 112.

AGAD-123**Human Resources in Arts and Cultural Management****3 Credits**

This course examines the human resources of cultural organizations—the role of boards of directors, volunteers, and paid staff—and teaches the skills necessary to build successful relationships among these groups. Emphasis is placed on the governance function of the board, as well as on the processes of recruitment, selection, orientation and training, motivation and engagement, and termination and transition for all three groups. Learning activities will examine policy development, common practices in human resources management, and how boards, staff, and volunteers work together strategically to advance the work of cultural organizations.

AGAD-201**Advocacy in the Cultural Sector****3 Credits**

The focus of this course is on developing the knowledge and skills necessary to become a successful advocate in the arts and cultural sector. Students study federal, provincial and municipal cultural policies and government structures relevant to arts organizations, conduct policy related research and construct persuasive arguments and campaigns in support of the arts. Trends and emerging issues affecting arts and culture are also examined.

Prerequisites: AGAD 100

AGAD-203**Project Management in Arts and Culture****3 Credits**

In this course, students develop practical strategies for project planning across a range of arts and cultural contexts. Students focus on the roles and responsibilities of a project manager and the components of a comprehensive project plan including identifying the scope of the project, milestones, resources, communication needs, budget and project evaluation.

Prerequisites: AGAD 120.

AGAD-223**Integrated Project in Arts and Cultural Management****3 Credits**

In this course, students design and complete a project from definition to completion. Working in teams, students collaborate with an arts or cultural organization or artist of their choice to complete a project or special event of mutual interest. Drawing on the skills developed in previous courses, students develop a project plan, execute the plan and evaluate the results.

Prerequisites: AGAD 203

AGAD-225**Performing Arts Management****3 Credits**

In this course students analyze the complexities of managing live performing arts including facility/operations management, front-of-house management, programming and touring. Students also describe the relationship with unions and associations, risk management strategies, technical terminology used in performance venues and emerging issues and trends in the performing arts.

COURSE DESCRIPTIONS

AGAD-226

Museum/Gallery Management

3 Credits

In this course, students examine the functional role of museums, public galleries, commercial galleries and artist-run centres, and their varied organizational structures. Students study issues and trends in collections management and develop mandates, policies and procedures, programming and exhibition plans.

AGAD-227

Managing in the Music Industry

3 Credits

In this course students examine the complex role of the artist manager. Studies include an overview of the Canadian music industry, key competencies of the artist manager, contract terms and the legal language of agreements. Students also examine the manager's role in developing the artist's career, including recording and touring, and how to establish a career as a competent and ethical manager.

AGAD-230

Independent Study Project

3 Credits

This course offers students the opportunity to write a major research paper in a topic of interest during their final year of study. Students enrolled in this course consult with the program chair and present a proposal with the estimated number of hours required for the paper, a list of required resources and a detailed research plan.

Prerequisites: AGAD 120

AGAD-231

Field Placement

5 Credits

Students complete a full-time, eight-week supervised workplace learning experience where they will apply and test their arts management skills and knowledge. Students identify, interview and choose from a wide range of potential placements and work in a variety of arts management functions including marketing, fund development, volunteer and/or event management, publicity and general arts administration.

Prerequisites: AGAD 122. *Co-requisites:* AGAD 233.

AGAD-232

Advanced Audience and Resource Development

3 Credits

Students apply advanced techniques and strategies related to marketing and fund development in the cultural sector. Working with an organization in the community, students engage in audience research to identify consumer trends and audience preferences and use this information to prepare a comprehensive audience and resource development plan for the organization.

Prerequisites: AGAD 122.

AGAD-233

Integration Seminar

1 Credit

Students examine and reflect upon workplace learning experiences and upon their challenges and accomplishments. Best practices and arts management principles are revisited in the context of students' real world field placement assignments. This seminar is concurrent with Field Placement.

Prerequisites: AGAD 122. *Co-requisites:* AGAD 231.

ANTH-101

Introduction to Anthropology

3 Credits

This course is a general introduction to anthropology through the study of central concepts and key issues. Topics include human evolution, the appearance of culture, social organization, cultural theory, symbolic systems, and culture change.

ANTH-108

Elements of Human Linguistics

3 Credits

This course provides an introduction to the principle ideas about language and communication, including laboratory exercises. Course content includes the evolution of language, anatomy of language, principles and main categories of linguistic analysis (phonology, syntax, morphology, semantics), linguistic diversity, and cross-linguistic variation.

ANTH-110

Gender, Age and Culture

3 Credits

This course examines sex, gender and age distinctions from a biological and cross-cultural perspective. It examines how societies organize sexual differences and what it means to be a man or a woman in different cultures. The course considers the impact of sex, gender and age differences as crucial aspects of social organization and structure in the daily life of the human species.

ANTH-150

Race and Racism in Modern World

3 Credits

This course gives an anthropological perspective on how the concept of race has been used to examine biological and cultural variation among humans. Issues and topics include multiculturalism, ethnic identity, prejudice and ethnocentrism, racism, eugenics and the persistence of ethnic identity in the face of globalization. Case studies dealing with race issues in Canada and other countries are used to illustrate these concepts.

ANTH-206

Introduction to Archaeology

3 Credits

This course provides a general introduction to the methods, practice and theory of prehistoric archaeology. Topics include the goals and objectives of the discipline, data collection and analysis as well as methods of interpretation. Emphasis is on methods used to reconstruct prehistoric life-ways and explain cultural development rather than a general survey of prehistory.

Prerequisites: Minimum grade of C- in a 100-level course in Anthropology or EASC 101.

ANTH-207**Introduction to Social and Cultural Anthropology****3 Credits**

This course provides an overview of socio-cultural anthropology, which introduces the students to the diversity of human cultures and the concepts and theoretical orientation of the cultural anthropologist. Unity and diversity in human social life are emphasized.

Prerequisites: Minimum grade of C- in a 100-level anthropology course.

ANTH-208**Introduction to Linguistic Anthropology****3 Credits**

This course focuses on the anthropological study of language and communication. It examines the analytical methods and theory used in linguistic anthropology.

Prerequisites: Minimum grade of C- in a 100-level course in anthropology.

ANTH-209**Introduction to Biological Anthropology****3 Credits**

This course introduces students to the sub-discipline of biological anthropology. Students examine the emergence of the human species and the theoretical and methodological frameworks used to understand present-day human biological variation. Topics include basic principles of evolutionary theory, human skeletal biology, comparative primate anatomy and behaviour, and hominid evolution.

Prerequisites: Minimum grade of C- in a 100-level course in anthropology.

ANTH-219**World Prehistory****3 Credits**

This course surveys the development of societies around the world over the last 3 million years. It begins by introducing the discipline of archaeology and the methods and techniques used to learn about the human past. Cultural sequences from various regions of the Old and New World (eg., Egypt, Mesopotamia, China, Europe, Mesoamerica, the Andes) are examined. Finally, comparisons are made between these cultural sequences to explore such topics as the origins of agriculture, the development of complex societies, human dispersals and colonization, and the long-term effects of climate change and demographic growth.

ANTH-245**Ethnography of Mediterranean Peoples****3 Credits**

This course investigates anthropologists' contributions to understanding Mediterranean societies and cultures. The concept of a "Mediterranean culture" is critiqued. Through cross-cultural comparison, students investigate the diversity occurring in "Mediterranean" cultures, but also shared and parallel institutions and practices. Relevant historical, geographic, and environmental factors are explored and considered in light of anthropological explanation of circum-Mediterranean cultural institutions, social organization and practices.

ANTH-246**Canadian and Circumpolar Peoples****3 Credits**

This course provides a comprehensive introduction to the Inuit culture of Canada and other cultures of the circumpolar region. The course includes an introduction to anthropological perspectives, research methods and cross cultural analyses as well as to the geographical and cultural boundaries that exist in the north. Various topics are covered including the impacts of climate change, re-settlement, economic growth, and health issues.

ANTH-250**North American Aboriginal Peoples****3 Credits**

This course is about North American Aboriginal Peoples from an anthropological perspective. The course surveys the study of North American indigenous cultures through the use of selective ethnographies. Topics covered may include oral traditions, culture areas, politics, economics, family, kinship, religion, and conflict between cultures.

ANTH-261**Peoples and Cultures of Mesoamerica****3 Credits**

This course is an introduction to the culture area of Mesoamerica. It examines the cultural history of the native peoples of Mesoamerica from the pre-Columbian past to the present and includes studies of contemporary native communities.

ANTH-262**Peoples and Cultures of South America****3 Credits**

This course is an introduction to the cultural history of the native peoples of South America. It examines the social and culture history of indigenous peoples, surveying local and regional cultural variations.

ANTH-305**Human Variation and Adaptation****3 Credits**

This course examines, from a biocultural perspective, the extraordinary range of human biological variation and explores the evolutionary, adaptive, behavioural, cultural and environmental influences that produce this diversity. The first half of the course examines historical perspectives on human differences and outlines our current understanding of the basic principles of evolutionary biology. The second half of the course examines how these principles have been used to explain such aspects of human variation as body size and shape, skin colour, blood chemistry, and disease. Throughout the course, the interaction of biology and culture are discussed, as well as the veracity of such contentious topics as 'race', intelligence, sex differences and genetic disorders.

Prerequisites: Minimum grade of C- in ANTH 209.

ANTH-308**Language and Culture****3 Credits**

This course addresses major themes and thinkers in the development of the study of language and culture in anthropology. The course explores how linguistic forms as signs come to be meaningful in various contexts of use. This requires attention to the principled study of signs at large: semiotics. The course examines the role of semiotic theory in posing and answering questions about the connections between grammar and cognition, language diversity and cultural difference, the production of social meaning in interaction, and universals and variation in language(s) and culture(s). Anthropological applications of structural theories of meaning-making to empirical data focus on how people in different cultures using different languages actually speak, to yield insights into the thought and life-worlds of others and of ourselves.

Prerequisites: Minimum grade of C- in ANTH 208.

ANTH-318**Political Anthropology****3 Credits**

The course examines some of the major theoretical approaches to politics and power which have emerged within Anthropology, or which have influenced anthropological writings. Employing a cross-cultural, comparative perspective, this course shows that, in western society, 'politics' describes activities and institutions focused around political parties, government, and the state; within anthropology, however, the term 'politics' is linked to the idea of 'power', where power is an aspect of a broad range of relationships from the most local to the global. The course addresses issues as diverse as uncentralized politics, state formation, and the impact of global power relations on the micro-level of everyday interaction.

Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208.

ANTH-320**Archaeology of Gender****3 Credits**

This course examines approaches to gender in archaeological research from methodological, theoretical, and historical perspectives. The course focuses on the impact of a "gendered" archaeology against a backdrop of a more general examination of anthropological theories, gender roles, gender ideology and gender politics.

Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 207.

ANTH-321**Language Endangerment and Revitalization****3 Credits**

This course focuses on the social, political, and economic causes and impacts of language loss from a global perspective. Emphasis is placed on Indigenous languages, but minority languages of Europe and Asia are also discussed. Practical strategies for sustaining and revitalizing Indigenous languages are analyzed. Students take an anthropological perspective on the challenges facing endangered language communities and the global and local meanings of linguistic diversity.

Prerequisites: Minimum grade of C- in ANTH 208.

ANTH-324**Economic Anthropology****3 Credits**

This course provides a comprehensive overview of the key theoretical approaches and research in economic anthropology. Employing a cross-cultural, comparative perspective, this course investigates anthropologists' studies of exchange behaviour as social, political and economic phenomena. The course is designed not only to broaden understanding of exchange in other societies, but to provide the comparative data necessary to evaluate our own forms of exchange and measures of economic well-being. Particular emphasis is placed upon a critical examination of the typologies created and employed by economic anthropologists.

Prerequisites: Minimum grade of C- in ANTH 207.

ANTH-332**Anthropology of Science****3 Credits**

This course investigates science as a cultural and historical product. Employing the anthropological perspective, this course investigates anthropologists' studies of science and epistemologies of science; how science is part of an ideological, social, economic and political environment. The course is designed not only to broaden understanding of science in other societies, but to provide the comparative data necessary to evaluate western understanding.

Prerequisites: Minimum grade of C- in one of the following: ANTH 206, ANTH 207 or ANTH 208.

ANTH-340**Canadian Aboriginal Issues****3 Credits**

This course employs an anthropological approach to analyze contemporary Canadian Aboriginal issues. Cultural theories for the analysis of patterns, processes and trends are examined. Specific topics include First Nations and Canadian politics, economics, education, religion, health, law and the arts.

Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 250.

ANTH-370**The Anthropology of Space and Place****3 Credits**

Much of anthropological data is based on notions of space and place. Archaeologists invest much of their time in detailing location and arrangement of built form and material culture.

This course examines the theoretical and methodological approaches to landscape, space, and place in anthropology and archaeology. Topics may include the conceptualization of space, place, and landscape in anthropological and archaeological research and writing, the changing nature of concepts of landscape, and space and place as analytical frameworks for understanding past, present, and future societies and cultures. We consider three related dimensions of human spatial practice over time and space/place: experience, perception, and imagination.

Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 207 or ANTH 208.

ANTH-375**Zooarchaeology****3 Credits**

This course is an introduction to the study of animal remains from archaeological contexts. Topics discussed include the reconstruction of environment and season of site occupation, the economic uses of animals and evidence of animal domestication, and the procedures for analyzing faunal remains and challenges in their interpretation.

Prerequisites: Minimum grade of C- in ANTH 206 and ANTH 209.

ANTH-385**Archaeology of the Americas****3 Credits**

This course provides a survey of select prehistoric cultures of North, Central and South America. Topics to be discussed include the peopling of the Americas, rise of pre-Columbian civilizations and the variety of cultural adaptations in the Americas.

Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-388**Artifact Analysis****3 Credits**

This course covers a variety of methods for analysing and interpreting items of material culture commonly recovered from archaeological contexts. Particular emphasis is placed upon understanding the technologies used to manufacture prehistoric and historic artifacts and the methods used to analyse their functions and stylistic attributes. Lab work includes exercises in qualitative and quantitative description and classification, and experiments in tool use and manufacture.

Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-390**Human Osteology****3 Credits**

A hands-on laboratory course that offers a comprehensive study of the human skeleton, both as a dynamic, living system and as a source of information for reconstructing past human lives. During the first part of the course we cover basic skeletal biology and students learn to identify and side every human bone, a large number of fragmentary bones, and all of the major morphological features on each bone. During the second part of the course, we explore the methods used to recover human skeletal remains from archaeological and forensic contexts, and students learn to apply techniques for reconstructing past lives from skeletal remains including health and disease, biological relatedness, physical activity patterns, and estimates of age, sex and stature. Throughout the course we discuss the ethics of dealing with human remains.

Prerequisites: Minimum grade of C- in ANTH 209

ANTH-393**Cross-Cultural Perspectives on Health and Healing****3 Credits**

This course provides an introduction to the sub-field of Medical Anthropology. Beginning with an overview of central concepts and theoretical perspectives of medical anthropology, this course addresses the different ways in which health and illness are constructed cross-culturally, the roles of healers in different societies, and the political economy and social determinants of health and illness.

Prerequisites: Minimum grade of C- in a 100-level anthropology course.

ANTH-394**Ethnographic Research Methods****3 Credits**

This course concentrates on the perspectives, qualitative methods, and research strategies employed by ethnographers. Special emphasis is placed on techniques of major ethnographic research traditions, methods of data collection, analysis of narrative or textual data, ethical issues in research and presentation of research results. Grant writing and the use of such tools as computer software, film and other recording devices in ethnographic research are also explored. **Note:** The consent of the Department is required for Non-Anthropology majors.

Prerequisites: Minimum grade of C- in one of the following: ANTH 207 or ANTH 208.

ANTH-395**Archaeological Method Issues****3 Credits**

As a survey of theory and practices currently used in archaeology, students study the concepts and models used for interpreting archaeological data as well as the evaluation of ethical issues regarding archaeological investigations and remains.

Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-396**Archaeological Field Training****6 Credits**

This course provides students with an introduction to archaeological field work. Students experience all practical archaeological field techniques, including survey, excavation, laboratory analysis, cataloguing artifacts and conservation.

Prerequisites: Minimum grade of C- in ANTH 206 and consent of the department.

ANTH-397**Ethnographic Field School****6 Credits**

Anthropology is a broadly-based approach to understanding the human experience. Ethnographic methods approach this experience primarily, but not exclusively, through observation and participation in daily activities of communities. This course combines seminars with ethnographic research. Over the course of the field school, students learn the steps involved in designing and executing an ethnographic research project. They are trained in the central methods of ethnographic research and analysis. Where appropriate, allied field methods may be introduced. **Note:** ANTH 394 is recommended. Please note that acceptance into the field school is competitive and subject to an application process which includes a panel interview. Upon preliminary selection, all students have to attend a mandatory 15-hour pre-departure seminar and write a report. The seminar will be graded as a component of the final grade.

Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and consent of the department.

ANTH-399**Ecological Perspectives in Anthropology****3 Credits**

This course considers the question of human relationships to the environment as mediated through culture. To what extent and in what ways can we consider "nature" or "the environment" as sociocultural constructions? Alternatively, to what extent and in what ways are cultures shaped by natural environments? Interdisciplinary in nature, this course brings together concerns about the production and use of knowledge regarding human social and cultural behavior in specific environmental contexts.

Prerequisites: Minimum grade of C- in one of the following: ANTH 206, ANTH 207, ANTH 208 or ANTH 209.

ANTH-410**Humans, Climate and Culture****3 Credits**

This course examines the role of climate in our species' evolutionary history and conversely, human influence upon climate. Theories about the role of climate in shaping social organization and social "complexity" are addressed in light of evidence from the prehistoric record. The prehistoric and historic record of human responses to and influences upon climate will further be examined through regional and local case studies. The course concludes with a review of sociocultural institutions and practices as they relate to climate; cultural perceptions of weather and climate; cultural responses to climate change; and finally, the consequences to cultures of climate change.

Prerequisites: Minimum grade of C- in one of the following: ANTH 206 or ANTH 207, or ANTH 209 or EASC 208.

ANTH-411**Environmental Archaeology****3 Credits**

This course provides an overview of the techniques used in the analysis of past environments and the human interactions in these environments. Theories and methods are presented for reconstructing ancient ecosystems and assessing human transformation of these ecosystems. Case studies are used as examples.

Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-415**Anthropological Theory****3 Credits**

This course is an overview of key trends and paradigms in anthropological theory, from classical to contemporary approaches. Using a topical or thematic approach we consider the contributions of a number of anthropological theorists. Through the application of theoretical perspectives to case studies and ethnographies, the distinctive and mutual relationship between theory, method, and ethnographic data in anthropology is emphasized.

Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and any 300-level anthropology course.

ANTH-420**Culture and Globalization****3 Credits**

Transnational movement of money, media images, information, and people have spawned intense debates about the global impact of commodities, ideas, and capital on cultural and biological diversity. This course provides an anthropological consideration of globalization and its relationship to culture, modernity, tradition, diaspora, nationalism, race, class, and gender. In particular, we track the movements and reconfigurations of capital(ism), commodities, communication, and people by focusing on ethnographic analyses of such circuits.

Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and a 300-level anthropology course.

ANTH-421**Language and Power****3 Credits**

While language indexes the power relationships within a society and naturalizes them, it is also critical in the formation of social groups and struggle for power and prestige. In analyzing uses of language in a wide range of social and political contexts, the course addresses issues which include the ways language, power, hegemony and political struggle are related; the effects of nationalism on language; the role of language as a means of creating social organization and hierarchy; the relationship between minority and majority languages and cultures; and the role of the media, popular culture and literacy in contemporary linguistic and social relations.

Prerequisites: Minimum grade of C- in ANTH 208 and in one 300-level anthropology course.

ANTH-440**The Anthropology of Colonial Encounters****3 Credits**

This course examines the process of European contact and colonial expansion in the Americas and its long-term consequences from an anthropological perspective. Themes of the course include the historical motives involved in colonialism on the part of European and Indigenous peoples, the political and ecological effects upon cultures, and the role of colonialism in shaping the discipline of anthropology.

Prerequisites: Minimum grade of C- in one of ANTH 206 or ANTH 207 and one of ANTH 246, ANTH 250, ANTH 261 or ANTH 262.

ANTH-481**Archaeological Theory History****3 Credits**

This course provides in-depth analysis of the evolution of archaeological theory from early antiquarianism to current ideas and practices.

Prerequisites: Minimum grade of C- in either ANTH 206 or ANTH 209 and a 300 level Anthropology course.

ANTH-486**Archaeology of Death****3 Credits**

This course considers the role of mortuary evidence in facilitating understanding of past cultures. By examining numerous case studies, the course draws on a variety of anthropological and archaeological frameworks to explore how people treat their dead and what this can tell us about both the dead and the living.

Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 209 and a 300-level anthropology course.

ANTH-490**Honours Proposal****3 Credits**

The Honours Proposal course provides students the opportunity to initiate a research project designed to advance knowledge in an area of specialization within Anthropology. Under the direction of a faculty member, students develop a research proposal that guides the direction of their research project, theory and methods. **Note:** This course is restricted to and required of students in the first year of the Honours Anthropology program.

Prerequisites: Minimum grade of B- in ANTH 394 or ANTH 395 and registration in the Honours Program.

ANTH-495**Anthropology Field Placement****3 Credits**

In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research or other practical aspects of a project.

Note: This course does not fulfill the 400-level requirement for the major and minor. Acceptance into the field placement is competitive and subject to an application process which includes an interview.

Prerequisites: Minimum grade of C- in 6 credits of 300-level Anthropology and consent of the department.

ANTH-497**Topics in Anthropology****3 Credits**

This is a seminar course for students interested in advanced study of specialized areas of anthropology. This course is devoted to the detailed study of a single theme - particularly themes of contemporary relevance or debate - and it will rotate among the subfields in anthropology.

Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 and a minimum grade of C- in any 300-level anthropology course.

ANTH-498**Individual Study****3 Credits**

This individual study course provides senior students with an opportunity to explore a research topic in greater detail than is otherwise possible at the undergraduate level. The student works in consultation with and under the supervision of a member of the department with the requisite expertise. An individual study course includes directed reading and library research, and/or field or laboratory research followed by a public presentation of that research. Students may opt to execute research proposed through a prior independent study course and prepare a research paper to publication standards.

Prerequisite: Consent of the department.

ANTH-499A
Honours Thesis I

3 Credits

Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. **Note:** This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course. *Prerequisites:* Minimum grade of B- in ANTH 490 and registration in the Honours Program

ANTH-499B
Honours Thesis II

3 Credits

Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. **Note:** This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course. *Prerequisites:* Minimum grade of B- in ANTH 490 and registration in the Honours Program.

ARTE-101
Art History I

3 Credits

This course provides an introduction to the history of Western art and architecture from the prehistoric period to the end of the Early Renaissance. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE-102
Art History II

3 Credits

This course provides an introduction to the history of Western art and architecture from the Renaissance to the mid-nineteenth century. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE-104
Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century

3 Credits

This course is an introduction to the history of art and visual culture of Western Europe from the fifteenth century to the mid-nineteenth century. The course will cover this topic primarily in a linear historical fashion, but with room for thematic discussions. Therefore, a selection of works that are relevant to major historical themes will be explored.

ARTE-106
Digital Foundations

3 Credits

This course introduces the concepts, vocabulary, histories and processes that are key to digital art practice, including but not limited to: lens-based digital image practice and fundamentals of code-based, electronic, and/or networked art. Students will gain knowledge and experience in digital processes through a lab component and projects that explore the creative possibilities of working in the digital environment. The course is studio-based with lectures.

Prerequisites: Minimum grade of C- in ARTE 111.

ARTE-107
Three-Dimensional Foundations

3 Credits

This course introduces the principles, vocabulary and concepts of three-dimensional space-based art. Students work with traditional and contemporary materials and technical processes that are relevant to sculpture, sculptural installation, and other three-dimensional creative forms and processes. A critical vocabulary for discussing three-dimensional and spatial forms is developed through project discussion and critiques. The course is studio-based with lectures.

ARTE-110
Foundation Drawing

3 Credits

This course introduces the visual elements, methodologies and principles of drawing. Students learn to work with traditional mediums and various papers. The principles of perspective, tonality and line dynamics are studied in-depth.

ARTE-111
2D Foundation: Theory and Structure

3 Credits

This course provides a comprehensive introduction to the theories, elements and vocabulary of the visual language. Students work with two-dimensional form to study the structures and principles of composition, illusionistic space, visual dynamics and colour theory. The critique practice is introduced. Development of problem solving and crafting skills, communication skills and productive work habits are emphasized.

ARTE-119
Introduction to Creative Research

3 Credits

This course introduces modes of research that are fundamental to contemporary studio-based art, including but not limited to: material research, historical practices and research for innovation. Students develop two-dimensional or three-dimensional studio projects that generate from research models. Visits to specific exhibitions and artist studios may be required. The course is studio-based with lectures.

Prerequisites: Minimum grade of C- in ARTE 110 and ARTE 111.

ARTE-120**Observational Drawing****3 Credits**

Students commence the in-depth study of observational drawing by applying knowledge and skills developed in Foundation Drawing. Subjects include still-life, portrait, and figure, and may include architecture, plant or animal form.

Prerequisites: Minimum grade of C- in ARTE 110.

ARTE-121**Design II****4 Credits**

This course provides an in-depth study of the visual language. Working primarily with paint on board, assignments are designed to stimulate analytical and creative thinking.

Problem solving skills and productive work habits are emphasized. Attendance at visiting artist lectures and art exhibitions outside of scheduled class hours may be required.

Prerequisites: Minimum grade of C- in ARTE 111.

ARTE-123**Sculpture I****3 Credits**

This is an introductory 3D studio-based course on the concepts, materials and techniques of traditional and contemporary sculpture. Students study various forms of 3-dimensional artwork that may include abstraction, the figure, mixed media and installation/new genres.

ARTE-202**Art History III****3 Credits**

Beginning with the foundations of modernism in the mid-nineteenth century, this course examines the major movements in art, architecture, photography and design developed in Europe and North America up to the later part of the twentieth century. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE-203**Issues in Contemporary Art****3 Credits**

Issues in Contemporary Art is the study and discussion of art produced after WWII in the cultural, political, economic and theoretical contexts of visual culture. Students explore key issues through analysis of selected artists, art works and movements which make up the contemporary art scene.

Prerequisites: Minimum grade of C- in ARTE 202.

ARTE-205**Painting I****4 Credits**

Students are introduced to contemporary painting methods, concepts and materials. Studio work includes painting practice in acrylic media, preparing and building substrates, critical research, lab and outdoor work, peer discussion and group critiques. The ideas presented in the course are contemporary and broad in scope. Students are also required to attend off-site lectures and art exhibitions outside of scheduled class hours.

Prerequisites: Minimum grade of C- in ARTE 121.

ARTE-206**Intermedia I - Introduction to Digital Practices in Fine Art****4 Credits**

Students are introduced to contemporary digital media and intermedia art works. Concepts, tools and artworks created with digital media and in combination with non-digital preparation or presentation are introduced, with a focus on audio, video and digital image manipulation. Students may also be required to attend some lectures and art exhibitions outside of scheduled class hours.

Prerequisites: Minimum grade of C- in VCPH 100 and ARTE 121.

ARTE-214**History of Photography****3 Credits**

This course surveys the technological, social and cultural histories of photography from its origins in the early 19th-century to the 21st-century. Students consider the impact of photography on a variety of fields, including portraiture, science, colonial exploration, anthropology, sociology, criminology, journalism and the fine arts. While familiarizing students with influential photographers and iconic photographs of the 19th-, 20th- and 21st-centuries, this course also introduces students to the scholarly discourse around historical and current uses of photographic images.

ARTE-215**Painting II****4 Credits**

Students further develop aesthetic and technical painting processes as they undertake studio projects using materials, concepts and methodologies of contemporary painting. Studio work includes exploration in painting practice and critical research, and extended discussion and group critiques. Students are also required to attend some off-site lectures and art exhibitions outside of scheduled class hours.

Prerequisites: Minimum grade of C- in ARTE 205.

ARTE-216**Intermedia II - Installation and Emerging Forms****4 Credits**

This studio course immerses the student in practical and critical approaches to Intermedia art practice within the context of contemporary art installation and emerging forms. Students work with various media and with new combinations of traditional and digital materials to create installation, performance art, outdoor practice, sound art and emerging art forms. Students may be also required to attend some lectures and art exhibitions outside of scheduled class hours. Collaboration in or across discipline will be strongly encouraged.

Prerequisites: Minimum grade of C- in ARTE 206.

ARTE-224**The Visual Culture of Modernity: Fin-de-si cle to Mid-Twentieth Century****3 Credits**

This course is an exploration of art and visual culture in the Modernist Era up to the mid-twentieth century. Beginning with representations of nineteenth-century urban life and newly modern ways of viewing the world, students will learn about the major modernist philosophies, art movements, and architectural influences. The chaos and destruction of both World Wars as related to various forms of cultural production will also be studied.

Prerequisites: ARTE 104.

ARTE-230**Drawing III****4 Credits**

Drawing III provides an in-depth study of the subjects, mediums and techniques examined in Drawing II. Colour drawing media is introduced. Emphasis is on refining skills in observation and representation. Students may be required to attend visiting artist lectures and art exhibitions outside of scheduled class hours.

Prerequisites: Minimum grade of C- in ARTE 120 or consent of the program.

ARTE-240**Drawing IV****4 Credits**

Drawing IV continues with the study of the concepts examined in Drawing III; however, emphasis is on the development of personal concepts and the exploration of innovative mediums and methods. Students may be required to attend visiting artist lectures and art exhibitions outside of scheduled class hours.

Prerequisites: Minimum grade of C- in ARTE 230.

ARTE-314**Thinking Photography****3 Credits**

To 'think photography' is to consider how photographs convey meaning and influence social and cultural practices. In this course, students debate photographic theory about the nature and function of photographic images. Also, students examine a range of photographic practices, both current and historical, and discuss documentary photography, photojournalism, advertising, scientific photography, sociological and anthropological uses of photography, art photography and personal photography.

ASTR-120**The Astronomy of the Solar System****3 Credits**

Students examine the origin, evolution and nature of our solar system. The methods of astronomy and space science are discussed in terms of basic physical and mathematical principles, including the laws of gravity and orbital motion. Students become acquainted with the search for extrasolar planets and extraterrestrial life. Telescopes and other tools of astronomy are described, and students are given the opportunity to gain observing experience through simple observing exercises using telescopes.

Prerequisites: Mathematics 30-1 or Mathematics 30-2.

ASTR-122**The Astronomy of Stars and Galaxies****3 Credits**

Students examine the origin, evolution and nature of stars, galaxies and the universe as a whole. The methods of astronomy are discussed based on simple physical and mathematical principles related to the nature of gravity and light, including parallax, the inverse square law, Stefan-Boltzmann law, Doppler shift, and the laws of Newton and Kepler. Students study the big bang theory and structure and formation of the universe. Students are given the opportunity to gain observing experience through simple observing exercises using telescopes.

Prerequisites: Mathematics 30-1 or Mathematics 30-2.

BCSC-100**Grammar and Composition Foundations****3 Credits**

In this course, students learn how to write with clarity and precision, and to communicate successfully with a variety of audiences. Building on an understanding of traditional grammar, students examine the relationship between language structures and the expression of an author's intentions. By studying various writers and genres, students learn to identify and manipulate sentence elements to produce clarity, drama, power and other rhetorical effects. They also consider how media, technology and culture are influencing language and writing in general and grammar in particular.

BCSC-101**Communication and Human Interaction****3 Credits**

This course introduces students to basic concepts and principles of human communication and interaction. It includes an examination of processes of communication in three common communication settings: interpersonal relationships, group gatherings and public gatherings. Other topics to be covered include nonverbal communication, listening, and public speaking.

BCSC-102**Introduction to Visual Communication****3 Credits**

In this course, students communicate using visuals. Evaluating historical and contemporary examples of visual communication, students assess the meaning and impact of visual design. Students identify elements of visual communication design and evaluate their effect on message creation and interpretation. They develop skill in the basic functions of key digital applications widely used today for creating and combining text, photos and graphics files. Students leave the course with the knowledge and digital skills needed to start collaborating on communication projects.

BCSC-200**Communication Theory****3 Credits**

Students survey major theoretical perspectives and contemporary research in communication. The course examines historical and current political, social and economic contexts in the study of communication, including the contributions of Canadian thinkers. Theory is demystified, and students develop an appreciation of the intellectual traditions in communication research through the study of key concepts, models and issues.

BCSC-201**Foundations of Journalism****3 Credits**

This course introduces students to Canadian news media through the historical development of the craft, business practices and technological elements of journalism. It also introduces students to professional and business practices of the field from the earliest news sheets to the modern international online news services, and explores key concepts and issues facing the craft and the business of journalism today.

BCSC-202**Online Communication****3 Credits**

Online publication is changing the way journalists and communicators engage their audiences. From self-publication tools to social media, students examine and experience how communications professionals use various forms of online publication to achieve a wide variety of goals. The course connects traditional mass media to the practices and issues of emerging technologies and tools. Students are introduced to information architecture through user behaviours and site features.

Prerequisites: A minimum grade of C- in BCSC 102.

BCSC-203**Introduction to Research Methods****3 Credits**

This course introduces quantitative and qualitative research methods including empirical research, ethnography, narrative analysis, phenomenology, and grounded theory within the context of communication research questions. Specifically, students learn to evaluate secondary sources, gather accurate and meaningful information from primary sources through methods such as surveys, and examine the concepts of reliability, validity, generalizability, and professional ethics. In a collaborative project, they interpret and report the data they gathered from primary sources.

Prerequisites: A minimum grade of C- in ENGL 102

BCSC-204**Foundations in Sustainability Communication****3 Credits**

In the spirit of our namesake, Dr. J.W. Grant MacEwan, and our university's focus on sustainability, this course introduces fundamental concepts in human communication about our natural environments in the face of rising ecological, social and economic threats to the sustainability of the Earth's ecosystems, all life on it and the societies we have created. Students will explore how human communication constructs the environment and our relationships to it, and apply strategies appropriate to creating and disseminating messages about sustainability. They will study and apply ethical considerations in sustainability communication, including the role of advocacy in scholarship and practice. Also, students will provide critical evaluations of sustainability messages in diverse fields, while building a foundation to create their own sustainability communications.

Prerequisites: BCSC 101 or SUST 201.

BCSC-210**Introduction to News Reporting****3 Credits**

This course introduces the practice of news reporting and the principles of writing a news story. Students focus on the reporter's core skills and abilities: story development and research, the interview, verifying facts, handling quotations and writing for publication in the variety of contemporary news media. The standards of accuracy, fairness, balance and journalistic responsibility are emphasized. Discussions include the role of the journalist as a purveyor of news and an arbiter of social issues, and the rapidly changing face of the news business.

Prerequisites: A minimum grade of C- in BCSC 100.

BCSC-211**News Production Process****3 Credits**

This course examines the aesthetics and design principles of news production for both print, online and other publications. A central focus throughout the course is the ways in which new technologies are transforming news reporting and publishing and the opportunities and challenges arising from these new technologies. Working in a hands-on learning environment, students prepare stories for publication in a number of mediums, paying particular attention to how a story changes as it migrates to different platforms. The impact of clear writing, effective visual and multimedia elements will also be explored.

Prerequisites: A minimum grade of C- in BCSC 102 and BCSC 210.

BCSC-215**Applied Communications****3 Credits**

In this course, students learn to use the tools and resources necessary to copyedit and proofread according to prescribed professional standards. Students learn to distinguish proofreading from copyediting, increase the speed and accuracy of their editing, and select and follow a style guide for a particular project. They also examine some of the larger issues in editing: authorial intention versus editorial responsibility, in-house versus freelance employment, copyright, professional conduct and ethics, and the importance of deadlines in the publishing process.

Prerequisites: A minimum grade of C- in BCSC 100.

BCSC-216**Professional Communication****3 Credits**

Professional communication is a new and evolving field that considers information and the way it is created, distributed, managed and consumed. In this course, students learn and apply the theories of professional communication. They analyze information and develop strategies and techniques for internal and external communication. Considering print and oral formats but with a focus on digital formats, students plan, execute, and evaluate communication, then adapt their practice to meet dynamic and evolving organizational or institutional needs. Recent trends will be considered, contributing to students' understanding of the context of professional communication. Throughout, students explore what constitutes professionalism and ethical practice in the context of contemporary professional communications.

Prerequisites: A minimum grade of C- in BCSC 253.

BCSC-221**Writing to be Heard****3 Credits**

In this course, students learn to write for the ear. They closely examine speeches and presentations for key messages and persuasive technique, then prepare and deliver a presentation or speech. Theories of writing and listening are applied as students determine communication objectives, write and rehearse a speech or presentation that engages, inspires and motivates an audience. By the end of this course, they offer constructive, critical analysis of the content and delivery of a speech or a presentation.

Prerequisites: Minimum grade of C- in BCSC 100.

BCSC-223**Introduction to Screenwriting****3 Credits**

Students are introduced to writing for film, television and video productions. Screenwriting genres are examined and students work with essential elements of a screenplay such as theme, character, story structure, dramatic objectives, conflict and resolution, scene creation and sequencing, the relationship between audio and video elements, and screenplay formatting. Each student presents a key concept in screenwriting and script analysis, and students exchange feedback in a workshop simulation of the working environment of a story department in a production studio.

Prerequisite: Minimum grade of C- in BCSC 100.

BCSC-241**Introduction to Technical Communication****3 Credits**

This course introduces students to the many professional contexts in which technical communicators practise. By considering various elements of technical communication and communication theory, students learn and practise adapting specialized information for global audiences, and expert and non-expert audiences. Students also examine professional ethics required of technical communicators and the potential consequences of unethical practice.

Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-253**Classical and Modern Rhetoric****3 Credits**

Students use tools of persuasion to build arguments on a variety of topics. They learn to construct written arguments and arrange those arguments in effective and appropriate patterns. Looking at persuasive techniques going back to the Ancient Greeks, students search for and evaluate similar strategies in contemporary texts. By the end of this course, they understand the ethical, aesthetic and political dimensions of persuasion.

Prerequisites: Minimum grade of C- in BCSC 100.

BCSC-260**Substantive and Structural Editing****3 Credits**

In this course, students examine the objectives and techniques of stylistic, substantive, and structural editing by working through large, complex projects. Throughout the course, students engage with editorial and rhetorical theory, refining their editorial skills and applying independent critical analysis to scenarios involving print and online publishing.

Prerequisites: A minimum grade of C- in BCSC 215 or PROW 135.

BCSC-282**Short Written Forms****3 Credits**

In this course, students expand their creativity and problem-solving skills to address writing and editing contexts requiring tightly written prose. They develop potent samples for a variety of audiences and purposes, relying on accurate and effective audience analysis, diction, structure, tone and form. Students learn to produce tight, effective prose that communicates in few words with great power.

Prerequisites: Minimum grade of C- in BCSC 100.

BCSC-301**Communication Law****3 Credits**

Contemporary law and communication technologies have significantly affected how information gets to the public: how information is produced, paid for, presented and circulated. In this course, students examine the influence of media convergence on communication law and the effects of public policy on the development and use of technology and media. Although modern communication has no borders, this course emphasizes Canadian laws within a global context.

Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-302**Multimedia Authoring****3 Credits**

In today's rapidly changing media convergence environment, professional communicators are increasingly required to author texts in multiple forms for multiple audiences. Building on BCSC 202, this course emphasizes the authoring of texts for a variety of forms, audiences, channels, and purposes. Projects include work with visual, audio, and verbal content, drawing on communications fundamentals applied effectively and ethically across a global, multi-channel environment.

Prerequisites: Minimum grade of C- in BCSC 202.

BCSC-306**Ethical Practice and Portfolio****3 Credits**

This course examines common ethical and practical considerations as students prepare to enter the workplace. Students reflect on the knowledge and skills they have gained in their classroom study and explore their readiness to work. They then apply their skills and interests to identify employment opportunities and develop employment materials. The ultimate goal of the course is to develop a portfolio to present to internship employers.

Prerequisites: A minimum grade of C- in BCSC 301.

BCSC-310**Strategic Communication Planning****3 Credits**

In this course, students gain critical information, insights and skills in strategic communication research and planning. They learn to apply research and planning skills in solving communication issues or problems. They also learn how to apply S.O.P. (analyzing situation, organization, and the public) as part of the strategic communication planning process. Students gain practical experience in developing and crafting key messages as well as producing formal strategic communication plans that are vital to advancing organizational and institutional interests and goals.

Prerequisites: Minimum grade of C- in BCSC 216.

BCSC-311**Online Journalism****3 Credits**

This course examines the production of knowledge within the field of online journalism. It builds on students' experience of creating online news in other courses and compares it with the challenges and realities of professional journalists around the world. Students examine the production processes in newsrooms and the evolving impact of technological developments on those processes such as verification of fact and inclusion of user-generated content. They examine the ideals and values of journalism and contrast them with actual journalistic practices, questioning whether those practices reinforce dominant cultural/social/political/economic influence.

Prerequisites: Minimum grade of C- in BCSC 210 and BCSC 211.

BCSC-312**Multimedia News Production****3 Credits**

This course introduces students to the best practices and principles of multimedia news production. Students create interactive stories and engaging online news features under deadline and working in a convergent newsroom environment. They analyze online readership behaviours to design user-friendly multimedia news products. They also manage and deploy user-generated content.

Prerequisites: Minimum grade of C- in BCSC 311.

BCSC-313**Intermediate News Reporting****3 Credits**

Building on the fundamentals of news reporting, this course emphasizes thorough research, effective interviewing, and clear, concise writing as the foundation of good news production. Students confront increasingly challenging story assignments as they take their ideas from pitch to production for online or print media. The course will also emphasize new ways of multimedia storytelling and community engagement, using social media such as Twitter, Facebook and blogging. Journalistic ethical standards are examined in complex, real-world case studies.

Prerequisites: Minimum grade of C- in BCSC 210

BCSC-320**Canadian Press and Society****3 Credits**

This course focuses on the evolution and current state of media and journalism in Canada. Students explore how newspapers, magazines, radio and television developed. They also evaluate and analyze the influence of digitization and new media on journalism. The symbiotic relationship between media and society is analyzed as students examine themes such as investigative journalism, women and the media, First Peoples media, the influence of advertising and 'infotainment'.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-322**Interviewing Techniques****3 Credits**

In this course, students hone their interviewing skills and gain self-confidence through assignments of increasing complexity. Of central import is to instill in the student a sense of professionalism and proper interview etiquette. Topics include pre-interview planning and research, types of interviews, interview principles and techniques, choosing and attributing sources, and producing interviews for multimedia platforms. Legal and ethical responsibilities of a journalist are also covered.

Prerequisites: BCSC 210.

BCSC-323**Photojournalism****3 Credits**

Journalism includes the special talents of photojournalism, telling the news story through compelling and meaning-filled images. This course focusses on the photojournalist's research into and interpretation of the news story, planning and taking of photographs. On completion of this course, students are able to engage a reader and arouse emotion as they combine the reporter's skill and photographic technique with creative effort to report the news through a journalistic lens.

Prerequisites: BCSC 210.

BCSC-324**Arts and Culture Reporting****3 Credits**

Students prepare to be analysts of arts and culture presentations and focus on constructing authoritative and fair evaluative judgements. Students continue to deepen their journalistic competencies, including research methods, interview skills, and narrative writing. During this course, students are encouraged to expand their knowledge of and areas of interests in the arts and culture.

Prerequisites: Minimum grade of C- in BCSC 210.

BCSC-325**Radio News and Documentaries****3 Credits**

This course explores narrative construction in a variety of radio story formats in news and current affairs, including documentary. Students examine sound theory, paying close attention to how sound constructs meaning for the listening audience. They develop competencies in professional and technical skills unique to the medium, including radio interviewing skills, broadcast writing conventions, audio recording and editing, voice delivery, news and radio show lineup, and podcasting practices.

Prerequisites: Minimum grade of C- in BCSC 210.

BCSC-326**Rhetoric of Popular Culture****3 Credits**

Students critique popular culture as a form of rhetoric, deconstructing its arguments and their social and commercial effects. They apply rhetorical theory in major pop culture contexts and investigate the effects of current media and communications convergence on the forms and content of popular culture. The course contrasts pop culture derived from mainstream and alternative media, and examines hierarchies of cultural forms, assessing the significant of "high" and "low" culture. Ultimately, students develop the ability to overlay rhetorical principles onto pop culture media to create powerful tools for change and control.

Prerequisites: A minimum grade of C- in BCSC 253.

BCSC-327**Journalism in the Digital Age****3 Credits**

This course introduces students to the best practices and principles of journalism in the digital age. Students create interactive stories and engaging online news features under deadline and working in a convergent digital news environment. They also analyze online readership behaviours, issues and trends with an eye towards designing user-friendly multimedia news content.

Prerequisites: Minimum grade of C- in BCSC 210 and BCSC 313.

BCSC-328**Documentary Screenwriting****3 Credits**

This course focuses on the theory and practice of writing documentary screenplays, and the history of this genre. Students examine historical and contemporary documentaries, emphasizing Canadian productions and their influence on the documentary form. Students also consider the ethical decisions requiring filmmakers to align their messages with information, fact and reality. A brief survey of treatments and functions of a documentary (such as training and education, political, social activist, and cultural and art-house films and videos) provides the foundation for a story idea and treatment, industry-standard outline and professional shooting script that students will develop in this course.

Prerequisites: Minimum grade of C- in BCSC 223.

BCSC-330**Intermediate Strategic Communication****3 Credits**

This course focuses on the implementation phase of a strategic communication project or campaign with an emphasis on tactics. Using case studies as a foundation, students examine an organization's goals and propose a communications plan to ensure communication effectiveness. Students explore a range of communication tools, both conventional and emerging, and reflect on the implementation process from the perspective of various communication theories.

Prerequisites: Minimum grade of C- in BCSC 310.

BCSC-331**Corporate Narrative****3 Credits**

In this course, students examine the types of corporate 'storytelling' with a strategic role and function in communications planning. This course focuses on the early stages of strategic process including research, goal setting, objectives and creative risk taking. As students examine organizational narrative and develop the ability to identify and capture memorable, innovative and effective stories, they will translate stories into design and media concepts, including audio/visual, multimedia, reports, newsletters, social media and presentations for the organization's audiences.

Prerequisites: A minimum grade of C- in BCSC 216.

BCSC-332**Writing and Publishing Prose I****3 Credits**

Students develop knowledge of the theory and skills in the practice of writing prose for publication. In this course, students read and write widely in prose forms and genres. The emphasis is on literary forms, specifically fiction and creative nonfiction. Students develop the know-how to publish their work in recognized national and international publications.

Prerequisites: Minimum grade of B- in BCSC 343.

BCSC-340**Technical Communication for Digital Applications****3 Credits**

In this course, students become familiar with software development processes and learn about technical communication documentation for custom digital applications and commercial software. Students determine the characteristics of successful documentation for digital applications, including procedural, tutorial, and reference materials for internal and external audiences, and online user assistance such as help, guided tours, and in-depth articles. They examine options in methodology, with an emphasis on task orientation, and discuss how the fast-changing and multi-platform nature of this field affects their tasks. Students replicate a full digital application documentation project cycle, organizing a development team, producing a documentation plan including user analysis, assessing the effectiveness of their documentation through usability tests, creating and presenting a prototype print version, and developing appropriate online user assistance functions.

Prerequisites: Minimum grade of C- in BCSC 241.

BCSC-341**Literary Journalism****3 Credits**

Students delve into the art form of literary journalism, reading historical and contemporary examples as well as essays on the craft by contemporary practitioners. Through their readings, students recognize that the engine of literary journalism is the journey, which drives the process of research and informs the content and structure of the narrative. Students analyze the genre's definitive characteristics and practice its techniques, and as they do so, grapple with the ethical issues inherent to bringing traditional journalism and creative writing together. Students also examine the value and future of literary journalism in an age of the 24-hour news cycle and sound bites.

Prerequisites: Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC-342**Writing for Periodicals****3 Credits**

Whether in print or online, the editorial content of periodicals comprises various forms of articles. Students learn the forms and ingredients of articles written for newspapers, magazines, and newsletters in local, regional, and national contexts. Starting with editorial and readership analysis, students embark on the article-writing process: they shape topics into story ideas, identify appropriate primary sources, carry out interviews, and incorporate the formal elements of article writing into publishable copy. Students also consider the market for print and online periodicals in both a Canadian and a North American context, examine the effects of media ownership on magazine publishing, and, throughout the course, examine the ethical issues that arise in the periodical industry.

Prerequisites: Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC-343**Introducing Creative Nonfiction****3 Credits**

In creative nonfiction, writing the human experience meets art and truth. In this course, students examine the literary forms of creative nonfiction, including the personal essay, literary diaries, and memoir, and the sub-genres of creative nonfiction, including literary travel writing, nature writing, science writing, and cultural criticism. Students also look at current and emerging trends in the genre. By reading extensively and broadly, analyzing what they read with a particular focus on the theory and craft of writing creative nonfiction, students gain a broad understanding of what is sometimes known as the fourth genre.

Prerequisites: Minimum grade of B- in BCSC 332

BCSC-352**The Media and the Message****3 Credits**

In this course, students examine media relations from both administrative and critical perspectives. They learn to place media relations within the practical and theoretical communicative frameworks of identity, image, and reputation; risk, issues, and crises; and various definitions of the public sphere. They analyze the effects of media logic upon an organization's choice of message channel, formulate strong recommendations and effective key messages, and evaluate organizational structures and paradigms for their network and communicative power. Overall, the course provides the student with a deeper understanding of the power, ethics, and responsibilities of her or his future role as a professional participant within today's complex media ecology.

Prerequisites: Minimum grade of C- in BCSC 100.

BCSC-360**Magazine Editing****3 Credits**

Building on skills learned in previous editing courses, students have an opportunity to model professional practice in the planning, execution, and production of a magazine that will be published by the School of Communications. As members of an editorial board, they set editorial policy, calendars, plots, timelines, and costing; determine style guides, recurring elements, and publication standards; and manage external contractors, print production, and distribution. Throughout the course, students refine their abilities to apply their creative processes in a team setting and provide constructive criticism of their own and others' work.

Prerequisites: A minimum grade of C- in BCSC 260.

BCSC-361**Book Editing****3 Credits**

In this course, students develop as editors by investigating the field of book editing. They consider the evolution of North American book culture and contrast it with that of other Western societies. Students analyze current issues in book editing as they examine the processes of publishing a book, from manuscript acquisition and development to purchase in a bookstore or on a website, with a focus on the Canadian publishing context. Throughout the course, they continue to improve their editing knowledge, judgment, and skills through readings, discussions, exercises, written assignments, and guest speakers.

Prerequisites: A minimum grade of C- in BCSC 260.

BCSC-362**Print Culture Studies****3 Credits**

In this course, students survey the development of print-based communications and critically analyze the cultural context of newspapers, magazines, and books as material objects. Students examine the history of print technologies, the rise of a literate marketplace through mass education and the concomitant rise of professional writers to serve that audience, the structure of cultural classes, and the possible disappearance of print in a global society that is embracing digital media and encouraging communications convergence.

Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-398**Professional Field Placement****3 Credits**

Students gain work experience in tasks and assignments typical of an entry-level journalist or professional communicator. Under the guidance of a faculty supervisor, students apply the knowledge and skills they have acquired in their first three years of study to a work situation. The field placement is a crucial component of the program, integrating theory and practice and demonstrating the values and attitudes acquired through classroom study.

Prerequisites: Minimum grade of C- in BCSC 306.

BCSC-400**Intercultural Communication****3 Credits**

This course is designed to examine the principles and processes of communicating from one culture to another. Students will identify and assess the major challenges presented by intercultural interactions both at home and abroad. These challenges include developing cultural awareness, cultural sensitivity, and intercultural communication competence. Students will apply what they have learned in developing strategies and skills to communicate effectively with people from other cultures, a capability that is critical in the increasingly culturally diverse workplace and globalized society.

Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-411**Advanced Research Methods****3 Credits**

In this course, students build on skills and knowledge acquired in the introductory research course and expand their applied knowledge of quantitative and qualitative research. The course covers at a senior level the principles and ethics of scientific inquiry, hypothesis construction, research design, data collection, sampling, interpretation of statistics, ethnographic research, and evaluation of results. Students collaboratively plan and deliver one group research project, as well as design and deliver one individual research project.

Prerequisites: Minimum grade of C- in BCSC 203.

BCSC-415**Global Media Systems****3 Credits**

In this course, students survey media 'systems' hailing from various countries. Such systems include business sectors, communication technologies, government policies, and ideologies. Particular attention is paid to Canadian institutional strategies and audience receptions, as these operate at global scales or within global contexts. Students analyze mutual influences between global media and related contemporary developments - from cultural trends and political events to economic and technological changes. Students direct special focus at tensions between globalization and national/local concerns, so as to determine how these interrelationships play out in today's mass-media messaging and manoeuvring.

Prerequisites: A minimum grade of C- in BCSC 320.

BCSC-417**Professional Practice****3 Credits**

Building on the field placement, this course invites students to explore and reflect on aspects of professional practice. Students apply critical analysis skills to develop self-awareness of their identities as professional communicators. They compare and contrast key aspects of professional identity with a focus on interpersonal effectiveness and examine theories of collaboration and principles of leadership. Finally, they examine an issue of professional practice and are encouraged to prepare their findings for presentation or publication.

Prerequisites: BCSC 398.

BCSC-418**Organizational Communication Theory****3 Credits**

In this course, students examine the major theories in organizational communication scholarship. They apply these theories to empirical case studies in projects such as presentations and a final paper. Specific subjects to be worked on include: the ethical and ideological implications of strategic organizational communication; intercultural and gender relations and contestations in organizations; communication as central to organizational systems and culture/climate; and how communication technology such as social media are impacting organizations, and vice versa. Covered scholarly content will trace historically back to classical organizational theories, focusing on their communicative aspects or implications. Modern and contemporary theoretical traditions will then be surveyed, such as: administrative; critical, feminist, postmodernist, network-theoretical, risk-theoretical, and discourse-analytical (rhetorical) approaches to the study of communication in and by organizations.

Prerequisites: Minimum grade of C- in BCSC 200 and in BCSC 310.

BCSC-420**Online News Production: News Production Workshop****6 Credits**

Students examine the various roles of journalists in a formal newsroom setting--editorial management, copy and picture editing, graphic design, news gathering, feature writing, photo- and videography, and data journalism and graphic presentation--by producing and publishing a fortnightly news and current events website.

Prerequisites: BCSC 210 and 313.

BCSC-421**Advanced Online Journalism****3 Credits**

This course extends the student's experience of news gathering, writing and production of stories and features published online. Students are engaged in critical discourse and they focus on 'enterprise skills' to meet the changing circumstances of online journalism. Students examine theoretical frameworks for technological innovation in the field of communication, and through teamwork, they propose solutions and innovations to the challenges of the contemporary newsroom.

Prerequisites: Minimum grade of C- in BCSC 311.

BCSC-422**Advanced Reporting and Writing: The Feature****3 Credits**

This course focuses on long-form narrative journalism. Students identify and develop solid feature story ideas ranging from the short newspaper "page brightener" to the in-depth narrative. They experiment with various techniques of literary journalism to build engaging narratives that are emotionally and intellectually compelling.

Prerequisites: Minimum grade of B- in BCSC 313

BCSC-423**Broadcast News Current Affairs****3 Credits**

In this course students re-purpose their reporting skills to create visually compelling stories for a variety of platforms, including television news, public affairs programs and social media channels. Storytelling that incorporates video broadcast elements requires a dramatically different approach to reporting than a story in print. Critically examining the opportunities and limitations of the medium, particularly as a conveyer of social issues, students examine industry values, standards and assumptions implicit in decisions made concerning digital news content. They also gain familiarity with techniques of shooting, writing, editing and producing digital news for visual channels.

Prerequisites: A minimum grade of C- in BCSC 313.

BCSC-424**Reporting on Canadian Politics****3 Credits**

This course offers a twofold approach to Canadian political reporting, focusing on both the processes and institutions of government and on journalistic methods to cover politics at all levels. Students learn how the Canadian government operates at the federal, provincial and municipal levels and discuss the role of political parties, elections and the electoral system, interest groups and legislative and executive branches of government. In examining the often symbiotic relationship between politicians and media, they analyze the ways in which governments and journalists interact to produce today's news. The role of the journalist as a democratic watchdog is emphasized. This course addresses the question of whether reporters can cover a political beat effectively, impartially and ethically. Students produce news reports and also consider new forms of political reporting such as blogging, which enable journalists to facilitate public discourse.

Prerequisites: Minimum grade of C- in BCSC 313.

BCSC-425**Investigative Journalism****3 Credits**

Investigative journalism requires patience, resourcefulness, clear thinking, meticulous attention to detail and a dogged determination to uncover the truth. This course examines the importance of, and risks associated with, investigative reporting in democratic societies such as Canada. Students focus on how to start and sustain a prolonged investigation, investigative interviewing, researching public records, the pros and cons of anonymous sources and filing access to information requests.

Prerequisites: Minimum grade of C- in BCSC 313.

BCSC-426**Advanced Seminar in Journalism****3 Credits**

This seminar engages students in an in-depth and focused study of a significant topic or issue in journalism. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or a research paper. This course will be especially helpful to senior students wishing to pursue graduate studies.

Prerequisites: Minimum of C- in two of the following: BCSC 312, BCSC 313, BCSC 320, BCSC 322, BCSC 323, BCSC 324, BCSC 423, BCSC 415, BCSC 425.

BCSC-430**Advanced Strategic Communication****3 Credits**

In this course, students examine communication theory in the context of complex communications practice. Students advance their research, organizational analysis, and rhetorical skills in the evaluation of a real-world communication campaign. Depth of analysis and academic insight are emphasized. Ultimately, students make and defend original assessments and recommendations about communication effectiveness.

Prerequisites: Minimum grade of C- in BCSC 310.

BCSC-431**Advanced Seminar in Strategic Communication****3 Credits**

This seminar engages students in an in-depth and focused study of a significant topic or issue in strategic communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.

Prerequisites: Minimum grade of C- in BCSC 430.

BCSC-432**Writing and Publishing Prose II****3 Credits**

This course builds on students' work in BCSC 332 and is intended for students with strong interest and demonstrated skills in creative prose. The emphasis is on literary forms, specifically literary fiction and creative nonfiction. This course provides an intensive workshop experience and culminates with the production of a polished portfolio of work ready for submission to publishers.

Prerequisites: Minimum grade of B- in BCSC 332 and portfolio review.

BCSC-433**Advanced News Reporting****3 Credits**

Building on the fundamentals learned in BCSC 210 and practised in BCSC 313, students will further develop their news-gathering, interviewing, researching, writing and visual communication skills through more challenging storytelling assignments for all media. The course will also emphasize new methods of data gathering, graphic presentation and storytelling.

Prerequisites: Minimum grades of C- in BCSC 313.

BCSC-440**Technical Communication: Safety Standards and Policies****3 Credits**

In this course, students survey industries that rely heavily on safety documentation, and consider the role of policies, practices, and procedures in creating a safety culture. They analyze safety processes and documentation and discuss the role of the three levels of safety controls to mitigate hazards. Students consider ethics and track the evolution of safety in industry. They review the safety- and engineering-related laws and standards in Canadian and international jurisdictions and determine how to locate pertinent safety regulations and standards for a specific topic. They assess methods for creating or revising documentation for safe work policies, practices, and procedures; safety orientations and training; emergency preparedness and response; quality assurance and control; and securing certificates of recognition from certifying safety partnerships.

Prerequisites: Minimum grade of C- in BCSC 340.

BCSC-441**Technical Communication for Policy Writing****3 Credits**

Policies act as the rudder steering the people and processes of organizations and government agencies toward their stated goals. Technical communication can be the key to ensuring that these documents are clear and effective and encourage compliance. Students in this course describe the differences among policies, practices, and procedures and identify the characteristics of written goals that are implementable and measurable. They look at the legislation and regulations often related to policies, and address the effect of globalization on policy writing. Through critical analysis of samples of policies and human resource handbooks, students learn to anticipate potential consequences of policy wording, including the impact on organization culture. They also identify the role of policies and goals in defining responsibilities, coping with organizational change, and treating sensitive issues in human resources.

Prerequisites: Minimum grade of C- in BCSC 340.

BCSC-452**Advanced Seminar in Technical Communication****3 Credits**

This seminar engages students in an in-depth and focused study of a significant topic or issue in technical communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.

Prerequisites: Minimum grade of C- in two of the following: BCSC 340, BCSC 440, BCSC 441, BCSC 411.

BCSC-461**Publication Editing and Management****3 Credits**

This course examines production processes, which are the hub of publishing activity. The work of editors, designers, marketers and managers intersects in production, and the focus of this course is on production at a time of transition as publishers weigh print and electronic options. Students develop their creativity and problem-solving skills as they prepare specifications, source suppliers, compile costing sheets, buy print, develop schedules, and evaluate quality. They benefit from interacting with industry materials, technologies, and experts in the classroom and on field trips.

Prerequisites: A minimum grade of C- in BCSC 260.

BCSC-462**Advanced Seminar in Editing and Publishing****3 Credits**

This seminar engages students in an in-depth and focused study of a significant topic or issue in editing and publishing. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.

Prerequisites: Minimum grade of C- in at least two of the following courses: BCSC 260, BCSC 360, BCSC 361, BCSC 362, BCSC 461.

BICM-200**Introductory Biochemistry****3 Credits**

Biochemistry is the study of the chemistry of life. This course introduces students to the complexities of the cellular environment and its impact on the chemical reactions that occur in the cell. Structural and functional aspects of proteins (both enzymatic and non-enzymatic) and nucleic acids are examined. The course also introduces intermediary metabolism, focusing on carbohydrate metabolism. Emphasis is on free energy changes associated with these processes, their regulation, and integration. **Note:** This course cannot be taken for credit if credit has already been obtained in BICM 203 or BICM 205.

Prerequisites: Minimum grade of C- in BIOL 107 and CHEM 101 and CHEM 261.

BICM-310**Intermediary Metabolism****3 Credits**

This course explores the principles of intermediary metabolism, the chemical reactions by which organisms store and generate energy required for life. Topics include bioenergetics, as well as molecular mechanisms of regulation and integration of carbohydrate, lipid, and amino acid metabolism. Selected examples are used to illustrate how imbalances in the metabolic pathways can lead to disease.

Prerequisites: Minimum grade of C- in BICM 200, CHEM 102, and in CHEM 263.

BICM-320**Structure and Function of Biomolecules****3 Credits**

This course illustrates the relationship between structure and function in biological molecules. The structure of proteins is discussed with selected examples to illustrate protein function. Mechanisms of enzymatic catalysis are presented with an emphasis on kinetics and regulatory mechanisms. Structural and functional aspects of carbohydrates and lipids are presented, with reference to glycobiology, biological membranes and mechanisms of transport. Experimental methods used to study proteins, carbohydrates and lipids are introduced.

Prerequisites: Minimum grade of C- in BICM 200 and CHEM 102 and in CHEM 263.

BICM-330**Nucleic Acid Biochemistry****3 Credits**

This course provides a comprehensive examination of the biochemistry of nucleic acids. The structure, function and metabolism of nucleotides are explored. Nucleic acids and chromosomes are examined at their structural level. The molecular mechanisms of both DNA and RNA metabolism are discussed with particular attention to replication, DNA repair, recombination, transcription, reverse transcription and translation. The diverse roles of RNA are explored, including catalysis, regulation and molecular recognition. A variety of applications of DNA- and RNA-based technologies are discussed.

Prerequisites: Minimum grade of C- in BICM 200, CHEM 102 and BIOL 205.

BIOL-020**Biology 20****5 Credits**

Biology 20 is equivalent to Alberta Learning's Biology 20. The course deals with major concepts of systems, equilibrium, energy and matter. The major topics include cell dynamics, cellular pathways, the biosphere, cellular matter and energy flow, matter and energy exchange in ecosystems, and matter and energy exchange by the human organism.

Prerequisites: SCIE 010 or equivalent.

BIOL-030**Biology 30****5 Credits**

Biology 30 is equivalent to Alberta Learning's Biology 30. The course concentrates on many aspects of the human body - its function and maintenance. The major topics include the nervous system, hormones and controls, reproduction and human development, cell division and classical genetics, heredity and molecular genetics, population dynamics and populations and communities.

Prerequisite: BIOL 20 or equivalent or consent of the department.

BIOL-101**Current Issues in Human Biology****3 Credits**

This course enables students to discover, discuss, and analyze topics in biology that are of current concern. Students apply scientific method and critical thinking to topics in human biology. Topics may include, but not be limited to: genetics, biotechnology, human diseases, immunology and vaccination.

BIOL-102**Nutrition and the Body****3 Credits**

This course is designed to develop both content knowledge and critical thinking in basic nutrition. Physiological processes and how these are affected by various nutrients are considered. Possible topics include energy balance (weight loss and gain), the influence of nutrition on chronic disease and physical fitness.

BIOL-103**Humans and Their Environment****3 Credits**

This course provides an overview of global and local environmental issues that have accompanied the population growth of humans. Principal areas in which critical decisions are now required are identified. Detailed case studies of specific environmental topics compare Canada (a developed country) with a developing country. **Note:** This course is intended for students that are not majoring in ecology or environmental science.

BIOL-107**Introduction to Cell Biology****3 Credits**

The smallest unit of life is the cell. This course provides an introduction to the biology of the cell. Major topics include the chemical composition of cells, characterization of prokaryotic and eukaryotic cells at both a structural and functional level, and energy transfer within the cell. The evidence leading to the elucidation of DNA as the genetic material is examined as are the processes which govern the flow of genetic information in the cell. **Note:** BIOL 107 and BIOL 108 may be taken in either order.

Prerequisites: Biology 30 and Chemistry 30.

BIOL-108**Organisms in Their Environment****3 Credits**

From the origin of life on earth through the evolution of prokaryotic and eukaryotic organisms this course examines the diversity of life on earth. Using a phyletic approach to classification, the major taxonomic groups of organisms are introduced. These include prokaryotes, numerous protists, plants, fungi, and animals. Features that adapt these organisms to their environment are emphasized using Darwinian evolution as the underlying principle. **Note:** BIOL 108 and BIOL 107 may be taken in either order.

Prerequisites: Biology 30.

BIOL-201**Eukaryotic Cellular Biology I****3 Credits**

This course provides an overview of the eukaryotic cell with a detailed dissection of selected aspects at the structural and functional levels. Emphasis is on protein targeting and transport within endomembrane and non-endomembrane systems, endocytotic and exocytotic pathways, cellular signaling pathways, biological membranes, and the cytoskeleton. Primary and review literature is used to elucidate cellular processes and advances in cell biology.

Prerequisites: Minimum grade of C- in BIOL 107 and in any 100-level CHEM.

BIOL-205**Principles of Molecular Biology****3 Credits**

This course provides an introduction to the molecular mechanisms for the propagation and expression of the genome in both prokaryotic and eukaryotic systems. The application of modern molecular biological techniques to the study of gene structure, function and regulation are discussed. Basic techniques in molecular biology are introduced in the laboratory.

Prerequisites: Minimum grade of C- in BIOL 107.

BIOL-207**Principles of Genetics****3 Credits**

This course provides an introduction to the fundamental principles of inheritance through an examination of transmission, distribution, arrangement, and alteration of genetic information. Topics include the structure of the genetic material, mutational processes, Mendelian inheritance, extensions to Mendelian inheritance, genetic linkage and linkage mapping, recombination and changes in chromosome structure. The emphasis throughout is on application of concepts to solve problems.

Prerequisites: Minimum grade of C- BIOL 107.

BIOL-208**Principles of Ecology****3 Credits**

Ecology is the study of the interactions between organisms and their environment. These include interactions at the individual, population, community, and ecosystem levels. Topics presented include: abiotic and biotic factors that form an organism's environment, models of population growth and factors controlling growth, competition and predator-prey interactions in communities, energy flow and nutrient cycling in ecosystems. Laboratories emphasize collection, analysis, interpretation, and communication of ecological data.

Prerequisites: Minimum grade of C- in BIOL 108.

BIOL-211**Introduction to Microbiology****3 Credits**

This course deals with the cell structure and physiology of microorganisms. Major topic areas include the structural and functional characterization of microbial groups, the metabolic diversity of microbes, factors affecting microbial growth, and environmental sensing and response of microbes. Throughout the course, examples of economically and medically important applications of microbes are used to illustrate major concepts. Laboratory exercises introduce students to common microbiological techniques used in environmental microbiology, molecular microbiology, and microbial biotechnology.

Prerequisites: Minimum grade of C- in BIOL 207 and in any 100-level CHEM course.

BIOL-300**Eukaryotic Cellular Biology II****3 Credits**

This course is a continuation of the structural and functional analysis of eukaryotic cells initiated in Biology 201. Emphasis is on understanding and applying the tools and techniques used by cell biologists to investigate cellular processes at both theoretical and practical levels. Regulation of the cell cycle, tissue formation and intercellular junctions, cellular differentiation and death, and cancer mechanisms are discussed.

Prerequisites: Minimum grade of C- in BIOL 201 and in BIOL 205.

BIOL-310**Freshwater Ecology****3 Credits**

This course examines the adaptations and ecological roles of bacteria, fungi, plants, protists, and animals that inhabit streams, rivers, ponds, and lakes. Abiotic and biotic interactions that contribute to freshwater ecology are discussed. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory exposes students to a number of empirical techniques commonly used in studying and measuring ecological processes in aquatic systems.

Prerequisites: Minimum grade of C- in BIOL 208.

BIOL-312**Terrestrial Ecology****3 Credits**

This course examines the abiotic and biotic interactions that contribute to the structure and functioning of terrestrial ecosystems and landscapes. Principles of ecosystem and landscape ecology will be discussed. Topics include: soils, energy and nutrient cycling, plant productivity, climate patterns and impacts, and causes and consequences of landscape structure. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory focuses on a range of techniques used in studying and measuring ecological processes in terrestrial systems, and the critical evaluation, analysis and effective communication of ecological information.

Prerequisites: Minimum grade of C- in BIOL 208.

BIOL-313**Animal Developmental Biology****3 Credits**

Students explore how molecular and cellular mechanisms work together to drive the development of vertebrate and invertebrate animals. Discussion topics include gene regulation and expression related to ontogeny. The laboratory focuses on quantifying these mechanisms and explores animal models of development.

Prerequisites: Minimum grade of C- in BIOL 201 and in BIOL 205.

BIOL-314**Population and Community Ecology****3 Credits**

This course examines the central concepts underlying the interrelated disciplines of population and community ecology. Topics include, but are not limited to, population parameters, demographics and modeling; models and mechanisms of interspecific interaction; structure, function, and dynamics of ecological communities and global patterns of biodiversity. Application of theory to applied problems is emphasized. The laboratory applies quantitative field, lab and computer simulation techniques that are commonly used in population and community ecology.

Prerequisites: Minimum grade of C- in BIOL 208 and in any one of MATH 113, MATH 114, MATH 120, or MATH 125.

BIOL-315**History of Biology****3 Credits**

This course traces the scientific foundations of biological discovery from the ancient Greeks to the present. The course presents the origins and evolution of modern concepts in biology and introduces students to the people that were largely responsible for these ideas. The course involves a major written component involving critical evaluation of biological literature, an oral presentation and peer work. Students are expected to actively participate in class discussions. **Note:** This course is intended for students in their 3rd year of study.

Prerequisites: A minimum grade of C- in 6 credits of 200-level BIOL of which one must be BIOL 207 or BIOL 208.

BIOL-321**Mechanisms of Evolution****3 Credits**

This course introduces the major principles of biological evolution including micro and macroevolutionary processes. Students gain a basic understanding of population genetics, variation, natural selection, adaptation, coevolution, speciation, and extinction.

Prerequisites: Minimum grade of C- in BIOL 108 and BIOL 207.

BIOL-337**Biostatistics and Research Design****3 Credits**

This course introduces students to the methods and steps used in biological experimental design, data collection, organization, analysis, and presentation of biological data. Evaluation of different sampling designs and the benefits and limitations of various data types for testing biological hypotheses are discussed. A wide variety of statistical tests are compared and contrasted. Laboratory activities illustrate how database, spreadsheets, and statistical software are used in data analysis.

Prerequisites: Minimum grade of C- in any 200-level Biological Sciences course and STAT 151.

BIOL-361**Marine Biology****3 Credits**

This course provides an introduction to the adaptations of organisms that live in various marine habitats. The essential physical features of the marine environment are considered as well as overviews of the diversity of marine prokaryotes, protists, plants, and animals. The community ecology of marine organisms and the threats to and human impacts on oceans are discussed. The laboratory emphasizes the identification of a variety of marine organisms and includes an optional field trip to a coastal area. **Note:** ZOOL 250 is strongly recommended.

Prerequisites: Minimum grade of C- in BIOL 208.

BIOL-365**Tropical Rainforest Ecology****3 Credits**

This course provides an introduction to the biodiversity and ecology of organisms found in the world's most biologically rich ecosystem, the tropical rainforest. The physical and biotic forces that contribute to this incredible diversity are investigated, and the most serious threats to the conservation of the tropical rainforest ecosystem are explored. The course includes a field trip to the Tiputini Biodiversity Station in the lowland rainforest of eastern Ecuador, a visit to a high-elevation cloud forest in the Andes, and travel to other biological and cultural sites in Ecuador.

Prerequisites: Minimum grade of C- in BIOL 208 and consent of the department.

BIOL-367**Conservation Biology****3 Credits**

This course introduces the principles of conservation biology with an emphasis on ecological processes operating at population, community, and ecosystem levels of organization. Threats to biological diversity, ranging from species introductions to habitat destruction will be discussed along with conservation solutions ranging from the design of protected areas through conservation legislation. The course involves a major oral presentation and peer work. Students are expected to actively participate in class discussions.

Prerequisites: Minimum grade of C- in BIOL 208.

BIOL-371**Animal Behaviour****3 Credits**

This course provides students with a biological and ecological approach to the general question of "how and why animals behave as they do." The primary focus is on the biological and evolutionary processes that shape behaviour in general. An additional important objective is to clearly differentiate between proximate and ultimate explanations of behaviour.

Prerequisites: Minimum grade of C- in BIOL 208 or in PSYC 373 with consent of the department.

BIOL-385**Wildlife Forensics****3 Credits**

This course examines the use of molecular biology and other biological techniques in wildlife forensics. Genetic markers and the technologies employed to characterize them are discussed. Emphasis is on the questions, as they pertain to wildlife management, that can be addressed through the application of DNA-based and other biological methods. Extensive use is made of scientific literature to illustrate specific examples of the value and usefulness of wildlife forensics in wildlife conservation and management.

Prerequisites: Minimum grade of C- in BIOL 207 and ZOOL 225.

BIOL-410**Techniques in Field Ecology****3 Credits**

This course provides students with experience in designing an ecological research project and collecting biological information in a field setting. Students will gain skills in a range of field techniques and research design methods commonly used to study various biota in terrestrial, freshwater, and/or wetland ecosystems. Students will be expected to collect, analyze, and communicate field data using various methods, critically evaluate the field techniques, and design and carry out an independent research project culminating in a final scientific paper.

Prerequisites: Minimum grade of C- in BIOL 337 and in at least one of BIOL 310, BIOL 312, BIOL 314, or BIOL 371.

BIOL-413**Advanced Animal Developmental Biology****3 Credits**

Building on their knowledge of animal developmental biology, students review, analyze, and discuss topics in the primary literature related to inductive mechanisms that determine the growth and development of embryos. Emphasis is placed on regulation of morphogenetic processes to establish the animal body plan. Topics may include evolutionary developmental biology, tissue regeneration, and environmental and/or teratogenic influences on embryo development. Examples from invertebrate and vertebrate animals are discussed.

Prerequisites: A minimum grade of C- in BIOL 313.

BIOL-421**Techniques in Molecular and Cellular Biology****3 Credits**

This is a laboratory-based course in current molecular, biochemical, and cell biology techniques with an emphasis on the isolation, analysis, characterization and expression of genes and gene products. An understanding of the theory and application of experimental methods and skills in the analysis and presentation of experimental data is developed through work in a project-based research setting. Projects vary and are announced prior to registration. **Note:** This course may be taken up to two times, provided the course project is different. *Prerequisites:* A minimum grade of B- in BIOL 205 and in any two of BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 313, GENE 369, or consent of the department.

BIOL-430**Pathobiology: The Cellular Basis of Disease****3 Credits**

This course is an investigation of pathological changes to cells and tissues as they manifest in human disease. Building on their knowledge of cell biology, students review, analyze, and discuss topics from the primary literature related to the cellular mechanisms that drive disease pathogenesis. Selected disease therapies are explored. Topics may include cancer, aging, physiology, immunology, microbiology, and virology.

Note: BICM 320 Recommended

Prerequisites: A minimum grade of C- in BIOL 300.

BIOL-492**Field Placement****3 Credits**

This course offers students experience in a biological laboratory and/or a field setting. Supervised by a cooperating agency, organization, or institution, in conjunction with a faculty member, students will apply their knowledge and skills to practical assignments in a specific area of biological sciences. **Note:** This course is intended for students in the final year of their degree. Enrolment is dependent on the availability of appropriate field placements. This course may be taken up to two times.

Prerequisites: Minimum grade of B- in a 300- level Biological Sciences course relevant to the field placement.

BIOL-495**Special Topics****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in Biological Sciences. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Biological Sciences for details regarding current offerings. **Note:** This course is intended for students in the final year of their degree. This course may be taken up to two times.

Prerequisites: Minimum grade of B- in 300-level Biological Sciences relevant to the special topic.

BIOL-498**Independent Research****3 Credits**

In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor.

Registration will be contingent on the student having made prior arrangements with a faculty member willing to supervise the research. **Note:** This course is intended for students in the final year of their degree. This course may be taken up to two times.

Prerequisites: Minimum grade of B- in 300-level Biological Sciences relevant to the proposed research.

BOTN-205**Fundamentals of Plant Biology****3 Credits**

This course is an overview of the biodiversity, evolution and life cycles of organisms in the Plant Kingdom (bryophytes, seedless vascular plants, gymnosperms and angiosperms). The course examines plant morphology and anatomy, with a focus on angiosperms. Examples of native and invasive species are used to apply knowledge of plant morphology to species identification and to explore ecological concepts. Emphasis throughout the course is on the relationship between plant form and function.

Prerequisites: Minimum grade of C- in BIOL 108.

BUSN-200**Fundamentals of Business****3 Credits**

This is an interdisciplinary cornerstone course, based on the premise that responsible leadership and effective management requires an understanding of business and its substantive disciplines, how a sustainable business is run and how emerging issues in business can be addressed from a sustainability perspective.

BUSN-201**Introduction to Sustainable Business****3 Credits**

This is an interdisciplinary cornerstone course, based on the premise that responsible leadership and effective management requires an understanding of business and its substantive disciplines, how a sustainable business is run and how emerging issues in business can be addressed from a sustainability perspective.

BUSN-210**Special Topics in Business****3 Credits**

Students explore a designated topic in Business Studies, allowing them an opportunity to reflect and present findings on an activity or project in which they have undertaken within the School of Business. A contract between the student(s) and the instructor outlines the objectives, process and criteria for evaluation. Chair approval is required for registration. This course is only open to students in the School of Business who have completed at least 30 credits.

BUSN-330**Project Management****3 Credits**

Students learn the theory and practice of project management through the phases of initiating, planning, executing, monitoring and controlling, and closing. Students examine how the project management knowledge areas (scope, time, cost, quality, human resources, communications, risk, procurement, and integration) have an impact on projects. Students consider the complexities of international projects and analyze the Project Management Institute's (PMI) Member Code of Ethics and Standards of Conduct. They apply their project management skills in a group project.

Prerequisites: BUSN 201 or MGMT 121.

BUSN-350**Advanced Business Case Analysis and Presentation****3 Credits**

This is an advanced, inter-disciplinary and hands-on course. Participants will learn practical case analysis techniques, nurture their critical thinking capabilities, and hone their presentation skills. Regardless of their major, they will acquire analytical competences that are transferable to a variety of settings including but not limited to general management and management consulting. Students interested in business case competitions will also find the skills learnt from this course very useful.

Prerequisites: Minimum of 45 credits. Pre-approval of individual students by the chair or designate is required.

BUSN-396**Advanced Quantitative Research Methods for Business****3 Credits**

This course helps students make effective and efficient advanced use of business information. Students study the theory and application of quantitative research design and methods in business. In particular, this course emphasizes on how to perform multivariate statistical techniques for improved company decision making. Students are presented with data sets and learn to analyze and present their results using multiple regression, ANOVA, Factor and Cluster Analysis, Logistic Regression and Conjoint Analysis, among others. Students also discuss sampling issues, ethical issues and questionnaire construction. Restricted to Bachelor of Commerce students and required for Bachelor of Commerce Honours students.

Prerequisites: MGTS 312.

BUSN-397**Advanced Qualitative Research Methods for Management****3 Credits**

Students learn science epistemology and its coherent application to qualitative research methods in Management. In terms of research practice, students are trained to conduct interviews, focus groups, and participant observations. Students analyze and interpret the data collected through the research methods of content analysis, business case study research, grounded theory, and ethnography, among others. Students learn sampling, reliability, consistence, and generalization applied to qualitative methods. Students learn about research ethics and the research process: how to apply to MacEwan's Research Ethics Board, complete a Tri-Council Policy Statement (TCPS 2) Tutorial, and develop consent forms. Restricted to Bachelor of Commerce students and required for Bachelor of Commerce Honours students.

Prerequisites: ORGA 201.

BUSN-401**New Venture Financing and Creation****3 Credits**

Students acquire the basic knowledge required to plan, start and finance a new business venture. Students learn how to transform a business idea into a business proposal by designing a business plan that addresses key questions such as: identifying business opportunities, valuing a business proposal with emphasis on the venture capital method, mobilizing resources through estimating financial needs; and finally, raising new capital. Additional topics include the dynamics of the venture capital industry; angel capitalists and their importance in promoting the creation of new firms; and corporate entrepreneurship.

Prerequisites: FNCE 301, ACCT 322, LEGL 210. LEGL 210 may be taken as either a prerequisite or co-requisite.

BUSN-450**Strategic Management****3 Credits**

This is an inter-disciplinary course within the Bachelor of Commerce Degree. Through review of scholarly journals and analysis of case study, students integrate prerequisite learning during the formulation and implementation of strategy within a variety of contexts. In addition, students research, analyze, evaluate and develop models to explain the purpose of the firm, the effect of social and environmental externalities, and information system support for strategy including the design and implementation of performance metric systems. This course is intended to be taken in the final year of the Bachelor of Commerce program.

Prerequisites: ACCT 322, FNCE 301, MARK 301, ORGA 316 and MGTS 352.

BUSN-496**Senior Honours Seminar****3 Credits**

Students work with the course instructor and other students to develop and present a proposal for their Honours Thesis. Restricted to Bachelor of Commerce Honours students.

Prerequisites: BUSN 396, BUSN 397 and acceptance into the BCom Honours Program.

CHEM-020**Chemistry 20****5 Credits**

The material covered in this course is equivalent to Alberta Learning's Chemistry 20. Topics include matter as solutions (acids, bases and gases), quantitative relationships in chemical changes, chemical bonding in matter and the diversity of matter (organic chemistry).

Prerequisite: Science 10 or equivalent.

CHEM-030**Chemistry 30****5 Credits**

The material covered in this course is equivalent to Alberta Learning's Chemistry 30. Topics include basic concepts of chemistry, atoms, molecules and ions, stoichiometry, oxidation/ reduction reactions, electrochemistry, acids and bases, chemical energetics, nuclear chemistry and chemical kinetics.

Prerequisites: Chemistry 20 or equivalent.

CHEM-101**Introductory University Chemistry I****3 Credits**

This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and chemical kinetics. **Note:** Credit may be obtained in only one of CHEM 101 or CHME 103.

Prerequisites: Chemistry 30.

CHEM-102**Introductory University Chemistry II****3 Credits**

This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are thermochemistry (heat, work, enthalpy and internal energy), thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. **Note:** Credit may only be obtained in one of CHEM 102 or CHME 105.

Prerequisites: Minimum grade of C- in CHEM 101.

CHEM-211
Analytical Chemistry I**3 Credits**

This course surveys the principles, methods, and experimental applications of classical analytical chemistry, emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills, and the evaluation of experimental data. This course includes examples of organic and inorganic analysis.

Prerequisites: Minimum grade of C- in CHEM 102 or CHME 105.

CHEM-213
Analytical Chemistry II**3 Credits**

This course emphasizes the principles, methods, and experimental applications of separation techniques, atomic and molecular spectrometry, electrochemistry, and evaluation of experimental data. It also includes examples of organic and inorganic analysis and use of the analytical chemistry literature.

Prerequisites: Minimum grade of C- in CHEM 211.

CHEM-232
Inorganic Chemistry**3 Credits**

This course examines the bonding models used for inorganic compounds (main group and transition metal elements). Reactivity patterns of inorganic compounds are considered to gain an understanding of the role of thermodynamics and kinetics in their preparation and reactivity. Physical methods that are used to characterize inorganic compounds are discussed. The relevance and importance of inorganic compounds in the environment, industry and biology are emphasized.

Prerequisites: Minimum grade of C- in CHEM 102.

CHEM-241
Biophysical Chemistry**3 Credits**

This course applies the fundamentals of physical chemistry to the life sciences. The course centres on the principles and methods employed (i) to perform the material and energy balances in biophysical and biochemical processes, and (ii) to determine the general conditions that govern the self-organization of matter in the steady state and that contribute to maintain homeostasis. This course provides the framework for understanding the bulk properties and transitions of pure matter and its mixtures; phenomena at the surface; transformations and transactions of matter and energy, storage of electric charge; systems' response to change in external and internal conditions; as well as physical, chemical and electrochemical equilibria. **Note:** Completion of BIOL 107 prior to taking CHEM 241 is recommended.

Prerequisites: Minimum grade of C- in CHEM 102 and in one of MATH 113 or MATH 114.

CHEM-252
Forensic Chemistry**3 Credits**

This course provides an introduction to crime scene investigations, forensic science, and forensic chemistry. The main focus of the course is the scientific basis for the analysis and interpretation of crime scene evidence. The methods of chemical analysis, including the theoretical and practical aspects of these techniques for common types of forensic evidence such as fingerprints, DNA, and trace evidence, will be discussed. Laboratory quality control, processing, evaluation, interpretation, and reporting of analytical laboratory results will also be discussed. Students will gain hands-on experience in the use of a range of analytical techniques in the laboratory through the examination of simulated crime scene evidence.

Prerequisites: Minimum grade of C- in CHEM 102.

CHEM-261
Organic Chemistry I**3 Credits**

This course covers the molecular structure and reactivity of organic compounds based on their functional groups and is intended for students who have obtained at least three credits in Introductory University Chemistry. The course provides an introduction to nomenclature, three dimensional structure and physical properties of organic compounds as well as reaction mechanisms and infrared spectroscopy. Although most organic functional groups are discussed, the focus is on the chemistry of alkanes, alkenes, alkynes and alkyl halides. Mechanisms of nucleophilic substitution and elimination reactions of alkyl halides are discussed. **Note:** Credit can only be obtained in one of CHEM 161 or CHEM 164 or CHEM 261.

Prerequisites: Minimum grade of C- in CHEM 101 or in CHME 103, or greater than 90 per cent in Chemistry 30.

CHEM-263
Organic Chemistry II**3 Credits**

The nomenclature, structure, physical properties, synthesis and selected reactions of the basic functional groups in organic chemistry are discussed. Functional groups covered include alkenes, alkynes, aromatic compounds, alcohols, phenols, ethers, aldehydes, ketones, amines, carboxylic acids and carboxylic acid derivatives. The presence of these functional groups in natural products is emphasized. The application of spectroscopic methods for structure determination in simple organic molecules is discussed.

Prerequisites: Minimum grade of C- in CHEM 164 or in CHEM 261.

CHEM-270
Environmental Chemistry**3 Credits**

In this course, methods used to identify and quantitatively determine the levels of pollutants in different environmental matrices will be described. Appropriate sampling methods, sample preparation and analysis using various classical and instrumental analytical techniques will be studied. In addition, important environmental issues facing our modern society, including climate change, the loss of the ozone layer and the end of fossil fuels are discussed.

Prerequisites: Minimum grade of C- in CHEM 102.

CHEM-291**Applied Spectroscopy****3 Credits**

This course focuses on the practical aspects of preparing samples for analysis, collecting and analyzing data, and characterizing organic, inorganic and biological compounds. Methods are explored from a theoretical and practical perspective and include X-ray crystallography, ultraviolet-visible spectroscopy, infrared spectroscopy, mass spectrometry, and nuclear magnetic resonance.

Prerequisites: Minimum grade of C- in CHEM 231 or CHEM 261.

CHEM-311**Advanced Chemical Analysis****3 Credits**

This course discusses instrumentation and analytical applications of spectroscopic, chromatographic, and electroanalytical methods. The theory governing each analytical technique and its advantages and disadvantages are discussed. Emphasis is placed on choosing the appropriate method for a particular analysis.

Prerequisites: Minimum grade of C- in one of CHEM 213, CHEM 353 or CHEM 370.

CHEM-320**Introduction to Geochemistry****3 Credits**

This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans.

Prerequisites: A minimum grade of C- in EASC 219 and CHEM 102 or a minimum grade of C- in CHEM 232.

CHEM-322**Introduction to Biogeochemistry****3 Credits**

Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science.

Prerequisites: A minimum grade of C- in CHEM 232, CHEM 261 or CHEM 270, and in EASC 226, EASC 270 or EASC 271. **Note:** Credit cannot be obtained in both CHEM 322 and EASC 322.

CHEM-333**Organometallic Chemistry****3 Credits**

This course surveys the basic principles of the organometallic chemistry as they apply to metals of the d-block elements and main group metals. Topics include a survey of ligands and coordination chemistry/geometry of transition metals and main group metals. The properties and reactions of organometallic complexes, and applications of organotransition metal compounds in catalysis, organic synthesis, bioinorganic chemistry and medicinal chemistry are reviewed.

Prerequisites: A minimum grade of C- in CHEM 232 and CHEM 263.

CHEM-341**Structural Bioinformatics****3 Credits**

This course covers three introductory topics of the broad field that bioinformatics comprises today: (i) structural databases, sequence analysis and comparison; (ii) computer simulations; and (iii) prediction of the structure and function of proteins, and their hierarchical classification. Students use computer- and web-based tools to: (i) retrieve, render and visualize the three-dimensional structure of proteins, nucleic acids and their complexes; (ii) perform pairwise and multiple alignments of polynucleotide and polypeptide sequences to find similarities and homologies; and (iii) build three-dimensional models of the structure of a protein from its sequence by means of threading, homology modelling, and molecular dynamics simulation.

Prerequisites: A minimum grade of C- in CHEM 241 or in PHYS 250.

CHEM-353**Advanced Forensic Chemistry****3 Credits**

This course examines the theory and practice of forensic chemistry. The structure and function of forensic chemistry laboratory services and the key issues of cross-contamination and laboratory quality control and quality assurance will be examined. The course will focus on chemical analytical techniques used for the detection, identification, and comparison of forensic evidence such as illicit drugs, poisons, gunshot residues, fire accelerants, and explosives. The theory of a variety of analytical techniques along with their scope and limitations is embedded in this discussion. The practical application of these techniques is considered with reference to appropriate examples and forensic case studies. This is further reinforced in the laboratory, where students will gain hands-on experience in the use of a range of analytical techniques for the investigation of simulated crime scenarios.

Prerequisites: Minimum grade of C- in CHEM 261, and in either CHEM 213 or CHEM 252.

CHEM-362**Advanced Organic Chemistry****3 Credits**

This course is designed to build upon the concepts introduced in Chemistry 261 and Chemistry 263, offering a more advanced and sophisticated insight into the physical properties and chemical reactions of organic compounds. A focal point will be the chemistry of carbonyl compounds. Mechanistic and multistep synthesis approaches will be emphasized.

Prerequisites: Minimum grade of C- in CHEM 263.

CHEM-364**Introduction to Medicinal Chemistry****3 Credits**

Students will be introduced to pharmaceutical drug discovery and the pivotal role played by chemistry. The principles and processes involved in modern drug design and development are presented and, throughout, are emphasized by reference to compounds in current clinical usage. Particular emphasis is placed on cancer therapeutics and antiviral agents. Recent advances in the use of computational and combinatorial chemistry in drug design are discussed.

Prerequisites: Minimum grade of C- in CHEM 261.

CHEM-370**Advanced Environmental Chemistry****3 Credits**

This course presents an advanced study of anthropogenic pollutants in the environment. Fate and transport processes of legacy and emerging anthropogenic pollutants are discussed on both a local and global scale. Important physio-chemical processes are discussed, including partitioning, hydrolysis, photolysis and biotransformation. Modern environmental techniques used to determine sources of pollutants in the environment, including stable isotope analysis, chemical fingerprinting, and transport modelling are also covered. In the laboratory, students gain hands on experience with the techniques used to determine the environmental fates of pollutants via investigations of their physio-chemical properties.

Prerequisites: Minimum grade of C- in CHEM 261, and in either CHEM 213 or CHEM 270.

CHEM-410**Industrial Chemistry****3 Credits**

An introduction to the principles and practice of industrial chemistry with a special emphasis on modern and emerging processes. Selected industrial processes will be discussed, such as production of primary petrochemicals and their associated secondary products, including plastics, pharmaceuticals, dyes, perfumes, and pesticides. Plant design, catalysis, and pollution control will be emphasized, with insights from the principles of green and environmental chemistry. This course will include presentations by industrial chemists, and optional tours of chemical plants and industrial laboratories.

Prerequisites: A minimum grade of C- in any 300-level CHEM course.

CHEM-441**Molecular Modelling****3 Credits**

This introduction to molecular modelling deals with the application of quantum mechanical methods to compute structural models, molecular and bulk properties of matter, and the mechanisms by which molecules interact and react. Students use up-to-date software to build, render and visualize molecular structures generated with wave function and density functional methods; to compute molecular properties and spectra of substances; to design reaction mechanisms of uncatalyzed and catalyzed reactions, and to compute their associated rate constants. Students devise structural and computational models for acid-base, redox, enzyme and surface reactions relevant to life, environment and technology.

Prerequisites: A minimum grade of C- in CHEM 341.

CHEM-495
Special Topics

3 Credits

This course involves reading, discussing and critically evaluating current research on specialized topics in chemistry. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Physical Sciences for details regarding current offerings. **Note:** This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.

Prerequisites: Minimum grade of B- in a 300-level chemistry course and permission of the department.

CHEM-498
Independent Research

3 Credits

In this course, students will plan, execute and report the results of an independent research project in chemistry under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the research project. **Note:** This course is intended for students in the final year of their degree. This course can be taken twice for credit.

Prerequisites: Minimum grade of a B- in a 300-level chemistry course relevant to the proposed research.

CHIN-101
Introductory Chinese I

3 Credits

This introductory course is for students with little or no background in Mandarin Chinese. It introduces the four tones and the sounds of Mandarin, an introductory series of sentence patterns and grammatical concepts, as well as a basic comparison between Mandarin and English. The four language skills of oral/aural comprehension, speaking, reading and writing are emphasized. In addition, students learn approximately 175 characters, and become acquainted with some general aspects of Chinese culture in Chinese speaking countries. **Note:** Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Chinese 30, 35 or equivalent cannot receive credit for this course.

CHIN-102
Introductory Chinese II

3 Credits

This course is a continuation of CHIN 101. Students continue to acquire the four language skills of oral/aural comprehension, speaking, reading and writing in Mandarin Chinese and broaden their cultural knowledge of the Chinese-speaking world. An additional 200 characters will be learned, and a more challenging set of introductory grammatical structure built upon the structures and forms acquired in CHIN 101 will be introduced. **Note:** Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Chinese 30, 35 or equivalent cannot receive credit for this course.

Prerequisites: Minimum grade of C- in CHIN 101.

CHIN-201
Introductory Chinese III

3 Credits

This course is designed for students who have completed CHIN 102 or equivalent. Students further develop their oral/aural comprehension skills at the intermediate level of Mandarin Chinese. As well, they continue to develop reading and writing skills with approximately 200 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture. **Note:** Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with Chinese 30 should consult the department.

Prerequisites: Minimum grade of C- in CHIN 102.

CHIN-202
Introductory Chinese IV

3 Credits

This course is a continuation of CHIN 201. Students gain further fluency in oral/aural comprehension at the intermediate level of Mandarin Chinese, as well as continue to develop reading and writing skills of approximately 350 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture. **Note:** Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speaker must consult the department prior to registration.

Prerequisites: Minimum grade of C- in CHIN 201.

CHME-103**Introductory University Chemistry I for Engineers****4.3 Credits**

This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and chemical kinetics. **Note:** Credit may only be obtained in one of CHEM 101 or CHME 103.

Prerequisites: Chemistry 30.

CHME-105**Introductory University Chemistry II for Engineers****3.8 Credits**

This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are thermochemistry (heat, work, enthalpy and internal energy), thermodynamics (spontaneity, entropy, free energy), electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials) with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered when time permits. **Note:** Credit may only be obtained in one of CHEM 102 or CHME 105. *Prerequisites:* Minimum grade of C- in CHME 103.

CLAS-101**Approaches to the Ancient Mediterranean World****3 Credits**

This course introduces students to the study of ancient, classical history. Students learn and practice the processes of interpreting texts, monuments, and artifacts from the ancient Mediterranean and Mesopotamian worlds. The course includes elements of ancient history, textual criticism/literary analysis, and art criticism/art history. The course focuses on seminal events in Greek and Roman history, with attention also paid to major events and themes in Mesopotamia and the Mediterranean as a whole. By focusing on specific problems connected with these events, students develop skills in interpreting different types of ancient sources and analyzing historical processes.

CLAS-102**Greek and Roman Mythology****3 Credits**

In this survey course, students learn the most significant myths and sagas of Greece and Rome. Selected readings from ancient literature and illustrations from Classical art emphasize the cultural, historical, and religious contexts of the myths within ancient society. The continuing influences of the myths as a source of inspiration for some of the major themes in Western art and culture are discussed. The course also examines ancient and modern theories and interpretations of the myths.

CLAS-110**Early World History****3 Credits**

In this survey course, students learn world history from the beginning of written records through to the end of the sixth century AD. The course covers the emergence and development of civilizations in the Near East, Persia, India, China and the Mediterranean, with particular emphasis on Egypt, Greece, and Rome. Students are introduced to the major events of Greek and Roman history, and they compare developments in Greek and Roman civilizations with those in the Near East, Persia, India and China.

CLAS-210**Survey of Greek and Roman History****3 Credits**

In this course, students study the major events, figures, and trends in Greek and Roman history. The course surveys ancient history between the eighth century BC and the fourth century AD.

CLAS-221**Literature of Greece and Rome****3 Credits**

This intermediate survey course introduces students to the detailed study of major works from Greek and Latin literature in English translation. Students read and interpret epic poems, prose, lyric poetry and dramatic plays in their cultural, historical and literary contexts. Students are introduced to the general moral, aesthetic and social values of the Greeks and Romans through their literature.

CLAS-252**Ancient Art and Architecture****3 Credits**

This course surveys the most important artwork and architectural monuments created in Greece and Rome. Through the evidence of archaeological finds, students study the earliest examples of art in sculpture, pottery and painting as well as the beginnings of urban and monumental architecture in Greece. Students examine the development of these and innovations upon these in the Roman and Byzantine periods. They also consider the legacy of ancient art and architecture on western civilization.

CLAS-261**Women in the Ancient World****3 Credits**

This course surveys the changing status of women in the Graeco-Roman world, ranging historically from the second millennium BC to the fourth century AD. Students examine the portrayals of women in literary and historical documents to assess women's roles in family life, marriage customs, religious cults, and legal problems. Students analyze the abundant representations of women by men and the few surviving representations of women by other women in literary, epigraphic and artistic evidence.

CLAS-270**Greek Civilization****3 Credits**

This course is an introduction to Greek cultural history illustrated by reference to contemporaneous literature and artefacts, as well as archaeological discoveries. Students study the origins of Greek culture in the Bronze Age and its development through the Archaic and Classical Periods, especially in fifth-century Athens. Students also consider the effects of Alexander the Great's campaigns on Greek culture during the Hellenistic Period.

CLAS-271**Roman Civilization****3 Credits**

This course is an introduction to Roman cultural history illustrated by reference to contemporary literature and artefacts, as well as archaeological discoveries. Students study the origins of Roman culture in Bronze Age Italy and its growth through the first millennium BC. Students also consider the rise and fall of the Roman Empire.

CLAS-272**Byzantine Civilization****3 Credits**

This course is an introduction to the culture, literature, art and history of the Byzantine (or Eastern Roman) Empire, during the period from the foundation of Constantinople in AD 324 to the Ottoman conquest of the city in AD 1453. Topics covered include government, family, religion, law, education, philosophy and entertainment; all presented in their historical context. Students also consider Byzantine literature, history and art, and the role of Byzantine scholars, artists and rulers in preserving many of the cultural achievements of the Greeks and Romans through the barbarian invasions which put an end to the Roman Empire in the west in AD 476.

CLAS-305**Comparative Mythology****3 Credits**

In this course, students compare Greek and Roman mythology to other world mythologies such as Norse or Native American myth. One or more bodies of mythology are selected for particular attention in each offering of the course. Students identify the common features shared by different bodies of myth, as well as important differences and their significance. Students also examine a number of explanatory theories of myth and their application to specific problems.

Prerequisites: Minimum grade of C- in CLAS 102.

CLAS-314**Topics in Ancient Greek History****3 Credits**

This course explores themes and trends in the history of ancient Greece from the Mycenaean age to the Roman imperial period. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Greek social, political, and/or cultural history on the basis of primary and secondary source material.

Prerequisites: Minimum grade of C- in CLAS 110 or 210.

CLAS-315**Topics in Roman History****3 Credits**

This course explores themes and trends in the history of ancient Rome from the republican period to the late empire. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Roman social, political, and/or cultural history on the basis of primary and secondary source material.

Prerequisites: Minimum grade of C- in CLAS 110 or 210.

CLAS-320**Greek Literature in Translation****3 Credits**

This course discusses Greek verse and prose in the era from Homer to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period and varies from year to year. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.

Prerequisites: Minimum grade of C- in CLAS 221 or CLAS 270.

CLAS-321**Latin Literature in Translation****3 Credits**

This course discusses Latin verse and prose from the Republic to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period chosen at the instructor's discretion. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.

Prerequisites: Minimum grade of C- in CLAS 221 or CLAS 271.

CLAS-333**Greek and Roman Religion****3 Credits**

In this course students analyze the roles and functions of religious beliefs and cult practices in Greek and Roman society. The course integrates literary evidence, artwork and archeological material to examine the influence of religion on social, cultural and intellectual life in Greece and Rome. Students study the role of temples, sanctuaries, priesthoods, festivals, sacrifices and rituals in social and political life. The course also discusses personal religion in the ancient world in the form of mystery cults.

Prerequisites: Minimum grade of C- in CLAS 102, CLAS 270 or CLAS 271.

CLAS-352**Art and Architecture of Periclean Athens****3 Credits**

This course examines the art and architecture of fifth century Athens. Students consider the role of Pericles in shaping the appearance and idea of Athens, situating the material remains of the Periclean Age in their historical, social and cultural contexts. Students also study the role of Athenian art and architecture in shaping the perception of Athens by other Greek and non-Greek cities in the fifth century BC and later.

Prerequisites: Minimum grade of C- in CLAS 252 or CLAS 270.

CLAS-353**Art and Architecture of Augustan Rome****3 Credits**

This course examines the artistic, religious and historical trends of ancient Rome during the Augustan Age as manifested in the art and architectural monuments of the city and empire. Students consider Augustus' use of architectural and cultural patronage to shape public perceptions of political change. Students also examine primary literature in order to understand the social and cultural milieu of the late Roman Republic and early Roman Empire. Students with credit in CLAS 354 cannot receive credit in CLAS 353.

Prerequisites: Minimum grade of C- in CLAS 252 or CLAS 271.

CLAS-355**Life and Culture in Ancient Rome****6 Credits**

In this senior-level course, students study Roman society, history and culture in Rome. Students read accounts of Rome, its art and its architecture, and study the archaeological remains of the ancient city, from a historical, cultural and architectural perspective. Students examine sites and monuments from three distinct phases of Roman history: the Republican period, the early Empire and the Christian empire. The course runs for 21 days in Rome, during which the students attend lectures of two professors in situ. **Note:** Tuition and fees for this course cover the expenses of room and board; students are responsible for their own airfares.

Prerequisites: Consent of the Department. Students with credit in CLAS 110, CLAS 252 or CLAS 271 will be given preference.

CLAS-356**Myth in Classical Art****3 Credits**

This course explores the telling and use of myth in the visual art of ancient Greece and Rome. Students examine various art forms that serve as visual narratives, including pottery, sculpture, and coin types, among others. Students also explore political and ideological uses (and re-uses) of myth in art and the ways in which the artistic exposition of particular myths changed throughout Classical Antiquity.

Prerequisites: Minimum grade of C- in CLAS 102 or CLAS 252.

CLAS-361**Ancient Family****3 Credits**

This senior level course in ancient social history focuses on in-depth analysis of the ancient Greek and Roman families in their historical and cultural contexts. Students consider the Graeco-Roman family in comparison to Near Eastern and Egyptian antecedents. The nuclear and extended families are emphasized, as are interventions in the family through law.

Prerequisites: Minimum grade of C- in any 100- or 200-level classics course.

CLAS-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CLAS-498**Advanced Independent Study****3 Credits**

This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CLTR-103**Culture and Thought in China and Japan****1 Credit**

Students examine the philosophical foundation of the dominant cultures in China and Japan. Students study the influence of these philosophies on linguistic structure, religion, organizations, social environment and rules governing people's behaviour. Students also learn the impact of the philosophical ways of thinking on business management and organizational behaviour.

CMPT-101**Introduction to Computing I****3 Credits**

This course provides a breadth-first introductory treatment of concepts in computing science for students with little or no programming background. Topics include data representation, machine architecture, and operating systems; algorithms, their properties, and the control constructs of sequence, selection and repetition; and the notions of data type and operations on data types in low-level and high-level programming languages. Students do introductory programming for a portion of the course. **Note:** Students with no previous computing experience should enroll in CMPT 101 instead of CMPT 103. Credit cannot be obtained for CMPT 101 if credit has already been granted for CMPT 103.

CMPT-103**Introduction to Computing II****3 Credits**

This course continues the overview of computing science concepts that was started in CMPT 101. Topics include representation of compound data using abstraction, programming languages, and modularity; algorithms that use these data structures; and networks with the TCP/IP model and client/server architecture. Students continue with the syntax of a high-level programming language: functions, arrays, and user-defined data types. **Note:** Credit can only be obtained in one of CMPT 103 or CMPT 114.

Prerequisites: Minimum grade of C- in CMPT 101 or three credits of intermediate CSE including CSE 2120.

CMPT-104**Fluency with Information Technology****3 Credits**

This course introduces fundamental computational concepts. While some specific productivity software is covered, this is not a computer literacy course. The emphasis is on the concepts that underlie today's information infrastructure. Topics include abstraction, data representation and analysis, algorithms and algorithmic thinking, the Internet, and security.

CMPT-114**Introduction to Computing Science****3 Credits**

This course is an introduction to solving computing science problems by writing computer programs in a high-level language called Java. Students are introduced to objects and values, messages and methods, control structures, and simple containers. There is a discussion of elementary algorithms and software engineering techniques for constructing elegant and robust solutions to problems. **Note:** Credit can only be obtained in one of CMPT 114 or CMPT 103. Students with no previous computing experience should register in CMPT 101 before CMPT 114.

Prerequisites: MATH 030P or MATH 30-1.

CMPT-115**Programming with Data Structures****3 Credits**

This course is a study of dynamic data structures (e.g., sets, lists, stacks, queues, dictionaries) and their associated algorithms (e.g., traversal, sorting, searching, element addition and removal) using Java. It includes an introduction to recursive references and algorithms as well as more advanced programming language techniques, including inheritance and exceptions. **Note:** Credit can only be obtained in one of CMPT 115 or CMPT 200.

Prerequisites: Minimum grade of C- in CMPT 114.

CMPT-157**Introduction to Computing for Business****3 Credits**

This course provides an overview of management information systems (MIS) and introduces students to applications of technology within a business context. These applications include database processing, e-commerce, and decision support systems. Social, legal, and ethical issues are considered. The laboratory component has the student making use of Excel and Access to support business processes and decisions. **Note:** Restricted to students in the Bachelor of Commerce and Asia Pacific Management programs.

CMPT-200**Data Structures and Their Algorithms****3 Credits**

This course continues the study of dynamic data structures (e.g., lists, stacks, queues, trees, and dictionaries) and associated algorithms (e.g. traversal, sorting, searching, element addition and removal). Recursion is covered and some of the basic ideas of object-oriented programming, such as classes and objects, are introduced. Basic paradigms in program design and software engineering are discussed. In addition to the implementation of these data structures, the laboratory introduces the student to a Unix-like development environment. **Note:** Credit can only be obtained in one of CMPT 115 or CMPT 200.

Prerequisites: Minimum grade of C- in CMPT 103 or a minimum grade of C- in both CMPT 101 and CMPT 114.

CMPT-201**Practical Programming Methodology****3 Credits**

This course provides an introduction to the principles, methods, tools and practices of the professional programmer. The lectures focus on best practices in software development and the fundamental principles of software engineering. The laboratories offer an intensive apprenticeship to the aspiring software developer. Students use C, C++, and software development tools of the Unix environment.

Prerequisites: Minimum grade of C- in CMPT 115 or CMPT 200.

CMPT-204**Algorithms I****3 Credits**

This is a first course on algorithm design and analysis with an emphasis on fundamentals of searching, sorting and graph algorithms. Examples of methodologies considered include divide and conquer, dynamic programming, and greedy methods, together with analysis techniques to estimate program efficiency.

Prerequisites: Minimum grade of C- in CMPT 200 and in CMPT 272 or MATH 200 and in MATH 113 or MATH 114.

Note: CMPT 272 is preferred to MATH 200.

CMPT-220**Unix, Scripting, and Other Tools****3 Credits**

The student is introduced to a Unix-like operating system along with some of its important design features, such as processes, pipes, and the I/O model. Some of the basic tools and methodologies are discussed, including shell scripts, editors, and standard utilities. Various open source tools are surveyed.

Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-229**Computer Organization and Architecture****3 Credits**

This course provides a general introduction to number representation, the architecture and organization concepts of von Neumann machines, assembly level programming, exception handling, peripheral programming, floating point computations, and memory management.

Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-230**Introduction to Computer Games****3 Credits**

This course is an introduction to various aspects of computer game design and marketing. It focuses on the history of computer games, computer game markets, evaluation of computer games, creation and testing of interactive narratives, and game interface design. The course includes a final capstone design for an interactive (narrative) game. **Note:** This course has a significant writing component; students are advised to take ENGL 102 (or equivalent) prior to taking this course.

Prerequisites: Minimum grade of C- in any CMPT or ENGL course or in either PSYC 104 or PSYC 105.

CMPT-250**Introduction to Human Computer Interaction****3 Credits**

This course introduces students to the basic components of the interaction design process. Effective user interaction design emphasizes the importance of good interfaces and the relationship of user interface design to human-computer interaction (HCI). The concept of interaction is introduced with a focus on the centrality of the user in HCI. Other topics include interface and interaction types, data gathering and analysis to understand and solve the design problem; design requirements, prototyping and usability testing. The lab allows the students to apply the concepts, tools and methods, discussed in lecture, towards the major course project. **Note:** In addition to the prerequisite, it is recommended that students taking this course have completed an additional computing science course or an introductory course in psychology, sociology, or anthropology.

Prerequisites: Minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 114.

CMPT-272**Formal Systems and Logic****3 Credits**

This course provides an introduction to the tools of set theory, logic, and induction, and their use in the practice of reasoning about algorithms and programs. Topics include basic set theory, the notion of a function, counting, propositional and predicate logic and their proof systems, inductive definitions and proofs by induction, and program specification and correctness.

Prerequisites: Minimum grade of C- in CMPT 101 or CMPT 114.

CMPT-280**Introduction to Computer Security****3 Credits**

Students will be introduced to computer and network security and the underlying concepts of confidentiality, integrity, and availability. Topics include common cyberattacks, identifying vulnerabilities and defending against attacks, and approaches to creating secure systems. Students will also work with some of the tools available to security administrators.

Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-291**Introduction to File and Database Management****3 Credits**

The course covers basic concepts in computer data organization and information processing, the entity-relationship model, the relational model, SQL, and other relational query languages. Other topics include storage architecture, physical organization of data, and access methods for relational data.

Prerequisites: A minimum grade of C- in CMPT 200.

CMPT-305**Introduction to Object-Oriented Programming****3 Credits**

In this course, students study the object-oriented programming (OOP) paradigm. The components of object-oriented programming are encapsulation, inheritance, and polymorphism. Students use some of the well established design patterns that recur in many non-trivial software systems. The last component of this course is event-driven programming. **Note:** Credit in CMPT 250 is recommended but not required.

Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-306**Non-Procedural Programming Languages****3 Credits**

This course examines various programming languages other than the standard third generation languages such as C++ and Java. This course considers a functional language (Lisp) and a logic language (Prolog). The underlying theories of lambda calculus (Lisp) and predicate logic (Prolog) are also studied. A limited number of applications to Artificial Intelligence are considered for both languages. This course also examine additional interpreted languages.

Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272.

CMPT-310**Computers and Society****3 Credits**

This hybrid course explores the social, legal and ethical issues arising in the wake of computer technology, especially those concerning self, community, environment, education, work and democracy. Topics include cyberethics; freedom and information; privacy and security; intellectual property; information technology and the future; social responsibility.

Note: This is a third year course. It is recommended that students taking this course have at least 48 earned credits in their program of study.

Prerequisites: Minimum grade of C- in any 200- level course.

CMPT-311**Phenomenon of Technology****3 Credits**

This hybrid course explores the role and significance of technology in our daily lives through a variety of theoretical and research frameworks and methods, including media ecology, phenomenology, STS (science, technology and society) studies, and human-computer interaction research.

Prerequisites: Minimum grade of C- in any 200-level course.

Note: this is a third year course. It is recommended that students taking this course have at least 48 credits in their program of study.

CMPT-315**Web-Centric Computing and eCommerce****3 Credits**

Web-centric computing is the creation of applications that involve the Internet as a fundamental feature in their operation. The course introduces concepts such as JSPs, servlets, JavaBeans, web application architectures (page-centric vs dispatcher), XML filters and web application security. These techniques are then applied to the concepts of eCommerce including session management, B2B (business-to-business) protocols, multi-tiered architecture and online database connectivity tools.

Prerequisites: Minimum grade of C- in CMPT 291 and CMPT 305.

CMPT-330**Introduction to Real Time Gaming****3 Credits**

This course introduces the basic concepts of 2D and 2½D game writing. Students learn the techniques to handle 2D sprite animation, 2D and 2½D layout, collision detection, timer-based object motion as well as the basics of human computer interface as it applies to this style of computer games. Students are also introduced to some simple methods for creating sprite artificial intelligence in this style of game. Students are expected create several small games over the term as well as produce a major project by term end.

Prerequisites: Minimum grade of C- in CMPT 230 and CMPT 201.

CMPT-340**Introduction to Numerical Methods****3 Credits**

This course provides an overview of computational methods for solving problems in linear algebra, non-linear equations, interpolation and approximation, and integration. Computer arithmetic and errors are discussed. The aim is to teach students the proper use of mathematical subroutine packages currently available in computer libraries.

Prerequisites: Minimum grade of C- in CMPT 200, MATH 120 and MATH 214.

CMPT-350**Human Computer Interaction - Interactive Systems****3 Credits**

This course continues the examination of human computer interaction (HCI) that was begun in CMPT 250, but with the emphasis moving to the implementation of effective interfaces. Topics include graphical user interface (GUI) tool kits, specification of interaction and presentation, prototyping techniques and tools in human centered development, GUI design and implementation, and HCI aspects of multimedia systems.

Prerequisites: Minimum grade of C- in CMPT 250 and CMPT 305.

CMPT-351**Human Computer Interaction: Usability****3 Credits**

This course extends the theory and practice of usability introduced in CMPT 250 with a focus on the formal evaluation of user interfaces. Usability methodologies are applied to the practice of evaluating systems such as web sites, software applications, mobile technologies, or any user-operated device.

Prerequisites: Minimum grade of C+ in CMPT 250.

CMPT-355**Introduction to Artificial Intelligence****3 Credits**

This course provides an introduction to Artificial Intelligence (AI). AI is the study of how human intelligence can be imitated by computer programs. The course presents a survey of the concepts and applications of AI - such as: intelligent agents, knowledge representation, state-space search, expert systems and shells, natural language processing, propositional logic, learning and cognitive models. Some of the AI techniques will be implemented using both procedural and non-procedural languages (Prolog and LISP). **Note:** Students should be able to program in a high level programming language that allows explicit access to the underlying memory model. C and C++ are acceptable languages.

Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 272.

CMPT-360**Introduction to Operating Systems****3 Credits**

This course introduces the fundamentals of operating systems. Topics include scheduling, memory management, concurrency, security and protection, device management, and file systems. The laboratory component involves both the investigation of these concepts in current operating systems as well as their design and implementation.

Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-361**Introduction to Networks****3 Credits**

This course introduces the basics of networking with a focus on computer networks. Topics include network architectures, protocols, client-server programming, security, and network management. A selection of material from data compression and decompression and multimedia data technologies are also discussed.

Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-362**Operating Systems II****3 Credits**

This course continues the study of operating systems introduced in CMPT 360. Topics include security and protection, device management, and file systems. The laboratory is oriented toward design and implementation of the concepts covered in the lecture. **Note:** CMPT 229 is recommended.

Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 360.

CMPT-364**Net Centric Computing II****3 Credits**

This course continues the study of net centric computing introduced in CMPT 360. Topics include security, network management, data compression and decompression, and multimedia data technologies. The laboratory is oriented toward design and implementation of the concepts covered in the lecture.

Prerequisites: Minimum grade of C- in the following: CMPT 360, and CMPT 201 or CMPT 305, and CMPT 272 or MATH 200, and STAT 141 or STAT 151.

CMPT-370**Introduction to Computer Graphics****3 Credits**

This course introduces students to many important principles and techniques that are useful for creating 2D and 3D computer graphics applications. This course provides students with sufficient background to write substantial computer graphics applications. Topics include coordinate systems, homogeneous transformations (rotating, translating, scaling), viewing, object modeling, texture mapped rendering, illumination, ray-tracing, hidden line and surface elimination. Other topics are camera control, collision detection and animation. **Note:** It is recommended that students have MATH 120 or MATH 125.

Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-385**Introduction to Database Concepts Using ACCESS****3 Credits**

This course is an introduction to how databases are designed and tested. The course begins by familiarizing the student with entity-relationships (ER). In the implementation stage, the course shifts focus to converting designs into working ACCESS databases that use Visual Basic (VB) to enhance the functionality of the ACCESS database engine. **Note:** Credit can only be obtained in one of CMPT 385 or CMPT 291.

Prerequisites: Minimum grade of C- in CMPT 103 or CMPT 114 and minimum of C- in any 200-level CMPT.

CMPT-391**Database Management Systems****3 Credits**

This is the second course in database management systems. Topics include database design, normalization theory, transaction management, query processing, and query optimization. Database support for special data types such as multimedia, spatial data, and XML documents is considered. Support for complex applications and data analysis is also covered.

Prerequisites: Minimum grade of C- in CMPT 291.

CMPT-395**Introduction to Software Engineering****3 Credits**

This course is an introduction to the fundamental concepts of software engineering. Topics include software design and analysis, software process, requirements, design patterns and testing. Team management is considered in both the lecture and in the laboratory through the use of team projects.

Prerequisites: Minimum grade of C- in CMPT 305.

CMPT-399**Topics in Computer Science****3 Credits**

In this course, students examine one or two topics in computer science. Topics will vary from year to year, but will typically build upon material students will have seen in the second year of their studies. Consultation with the department is required prior to registration. **Note:** This course may be taken multiple times for credit.

Prerequisite: Consent of the department.

CMPT-430**3D Game Development and Artificial Intelligence****3 Credits**

Modern game engines provide basic components such as animation and physics but to create a good game, the developer needs to provide functionality beyond the basics. This course will focus non-basic features such as camera control and game search/tracking heuristics. For the major project students will develop a portion of a game level using an existing commercial game engine. **Note:** CMPT 370 is recommended.

Prerequisites: Minimum grade of C- in both CMPT 330 and CMPT 395.

CMPT-464**Wireless Networks and Embedded Systems****3 Credits**

This course introduces selected topics in embedded systems and wireless networks. Topics include an introduction to embedded systems with an emphasis on microcontrollers, techniques for programming embedded systems, design for low-power applications, the basics of radio communication, and protocols for both medium access control and routing within static and mobile environments. The laboratory is oriented toward the design and implementation of lecture topics using wireless sensor network hardware.

Prerequisites: Minimum grade of C- in CMPT 395 and C in CMPT 201.

CMPT-491**Datamining and Advanced Database Topics****3 Credits**

In this course students will learn different topics in databases such as stored procedures and triggers, databases security, optimizing databases and queries. It also covers basic data mining intelligent tools such as association rules, classifications, clustering, and data warehousing. Information retrieval concepts are also included in this course.

Prerequisites: Minimum grade of C- in CMPT 291 and in a 300-level CMPT course.

CMPT-496**Individual Project****3 Credits**

In this course, students plan, conduct, and communicate the results of an independent project in Computer Science under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the project. **Note:** This course is intended for students in the final year of their degree. This course may be taken twice for credit.

Prerequisites: Minimum grade of C- in CMPT 395 and consent of the department.

CMPT-498**Team Project****3 Credits**

In this course, students plan, conduct and communicate the results of a team project in Computer Science under the direction of a faculty supervisor. Registration is contingent on the student team having made prior arrangements with a faculty member willing to supervise the project. **Note:** This course is intended for students in the final year of their degree. This course may be taken twice for credit.

Prerequisites: Minimum grade of C- in CMPT 395 and consent of the department.

CMPT-499**Topics in Computer Science****3 Credits**

In this course, students examine a topic of specialization in computer science. Topics will vary from year to year. Consultation with the department is required prior to registration. **Note:** This course may be taken multiple times for credit.

Prerequisite: Consent of the department.

CMSK-011**Computers Level I****5 Credits**

Computers Level I is a beginner level computer applications course. The purpose of this course is to provide students with the skills to use a word processing and a spreadsheet program. The emphasis is on skills that can be used in further studies such as preparing reports and essays and researching via the Internet. Students work with Microsoft Office (Word and Excel) in a Windows environment. Topics covered include: basic computer literacy, keyboarding skills, word processing, spreadsheets, email and Internet.

CMSK-015**Computers Level II****5 Credits**

This course is intended to continue to develop the computer skills that a student needs in order to do his/her course work. Word processing skills are practiced in order to create simple and complex documents. Students learn to annotate and cite references using the MLA and APA formats. Spreadsheets are used to organize data and draw graphs. Internet activities focus on locating and retrieving information in various forms. The course uses e-mail, Internet Explorer, Windows and Microsoft Office components: PowerPoint, Word, Excel, and Access. The course includes 15 hours of lab time to complete projects.

Prerequisite: CMSK 011 or a comparable range of experience.

COMP-102**World Literature to the 17th Century****3 Credits**

This course focuses on analyzing and comparing major works of world literature from antiquity to the early seventeenth century. Reflecting the depth and diversity of various civilizations, the texts in this course are studied in English translations. The course is designed to cultivate the students' appreciation for serious literary works within a global, comparative context and to encourage their love of reading. As well, it aims to enrich the students' awareness of other cultures and literary traditions and to enhance the ethos of tolerance, acceptance, and respect for others.

COMP-103**World Literature from the 17th Century to the Present****3 Credits**

This course is a sequel to COMP 102. It focuses on analyzing and comparing major works of world literature from the early seventeenth century to the present. Using the skills and knowledge they have gained in COMP 102, students in COMP 103 explore plays, poems, novels, and stories written between the seventeenth century and the present by renowned international writers. **Note:** COMP 102/103 satisfy 6 literacy credits in the Bachelor of Arts Degree.

Prerequisites: Minimum grade of C- in COMP 102.

COOP-290

Co-op Pre-Employment Seminar

0 Credits

Students prepare for the work integrated learning (WIL) component of their program by focusing on cooperative education guidelines and requirements. Students prepare for their job search by writing employment related documents such as career plans, resumes and cover letters. Employment search techniques, networking strategies and interview skills are developed. In addition, students discuss workplace issues such as office protocol, professionalism, and conflict resolution.

Prerequisite or Co-requisite: BUSN 201.

COOP-295

Co-operative Education: First Work Experience

0 Credits

Students gain discipline-related practical work experience and investigate their chosen career. Students must perform a minimum of 480 work hours in a full-time job approved by the program.

Prerequisites: COOP 290.

COOP-395

Co-Operative Education: Second Work Experience

0 Credits

Students gain further discipline-related practical work experience and study workplace process in relation to their field. Students must perform a minimum of 480 work hours in a full-time job approved by the program.

Prerequisites: COOP 295.

COOP-495

Co-Operative Education: Third Work Experience

0 Credits

Students gain further discipline-related practical work experience and apply academic knowledge in relation to their field. Students must perform a minimum of 480 work hours in a full-time job approved by the program. This course may be combined with a second work experience to form a two-term work experience with the same employer.

Prerequisites: COOP 395.

CORR-100

Human Relations

3 Credits

The course assists students to become aware of the process of communication and the way in which it can be improved. Interpersonal communication skills are emphasized together with the awareness of self, the impact of self upon others and the relationship of these skills to the work of the corrections/criminal justice professional.

CORR-102

Foundations of Criminal Law

3 Credits

Students study criminal law as it relates to the function of the corrections/criminal justice worker. The origin and development of Canada's legal system is examined, and students study current legislation including the Criminal Code, the Alberta Corrections Act, the Corrections and Conditional Release Act, the Youth Criminal Justice Act and the Canadian Charter of Rights and Freedoms. Particular attention is given to the Canadian judicial system.

CORR-104

Criminal Justice System

3 Credits

This course provides an overview of the criminal justice system as it operates in Canada, from the commission of a crime to the termination of the sentence given to an offender. Included is an examination of the police, courts and correctional programs, including probation, fine options, community service orders, conditional sentences, incarceration and conditional release. A review of criminal justice history and philosophy, with a particular focus on correctional practice, is presented.

CORR-110

Introductory Criminology

3 Credits

This is an introductory course in criminology that examines the development of criminological thought, theories of crime causation from varying perspectives, the concepts of crime and delinquent behaviour, the public understanding of and reaction to crime, and the methods by which crime is measured.

CORR-112

Correctional Interviewing

3 Credits

This course is aimed at increasing the student's helping skills in order to work effectively in a corrections/criminal justice environment. Specific interviewing skills are taught including relationship building, active listening and attending, client observation and empathy. Assessment skills and information management/record keeping are also presented. Students have an opportunity to assess their own values and ethics within the context of the helping relationship.

CORR-114

Introduction to Field Placement

2 Credits

Field placements constitute the practical component of the program and they provide an opportunity for the integration of theory and practice. The purpose of the first year placement is to provide students with the opportunity to develop and demonstrate professional competencies based on the knowledge, skills and values learned in the program courses.

CORR-116**Integration Seminar I****1 Credit**

Integration Seminar provides an opportunity for students to share their field placement experiences, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills such as leadership, ethical decision making and advocacy. This seminar is taken concurrently with CORR 214 Field Placement II.

Prerequisites: CORR 114. *Co-requisites:* CORR 214.

CORR-118**Introduction to Corrections****3 Credits**

This course examines Canadian correctional systems, policies and practices including those provided by federal, provincial and non-governmental agencies. Topic areas include a brief history of corrections, differing perspectives on punishment and correctional intervention, community and prison based correctional programming, operational effectiveness and future trends in correctional policy and practice. International approaches to correctional programming are also presented.

CORR-120**Restorative Justice****3 Credits**

Students explore and analyze the key principles and assumptions of restorative justice. The course contrasts restorative and retributive justice models, and provides an introduction to current and emerging practices in the Canadian criminal justice system including conferencing, victim/offender reconciliation programs, and mediation and peacemaking circles. International examples of alternative dispute resolution are also discussed.

CORR-202**Diversity Issues in Criminal Justice****3 Credits**

In this course, students examine a range of diversity issues including, but not limited to, gender, language, religion and culture within the context of the Canadian criminal justice system. Particular emphasis is placed on Aboriginal history and cultural traditions. Students learn how to work respectfully and ethically with people from diverse backgrounds, and ways to incorporate this awareness into their professional practice.

CORR-206**Addiction in the Criminal Justice System****2 Credits**

This course covers common psychoactive drugs, drug-use patterns, intervention strategies and current best practices in treatment and recovery. Students learn about key strategies in screening, assessment and referral, and concepts including prevention, health promotion and harm reduction. Changing political and social attitudes regarding addictions are also explored.

CORR-208**Selected Issues****3 Credits**

This course exposes students to theory and practice in established and emerging areas of Canadian corrections and criminal justice. Topics may include mental health/illness issues, gangs, victim advocacy and special needs offender populations including long term offenders, aging offenders, sex offenders and white collar criminals.

CORR-210**Correctional Methods and Practice****3 Credits**

This course provides students with an examination of the principles, values and effectiveness of correctional programming in both community and institutional settings. Case management strategies including investigation, classification, documentation, supervision and intervention are emphasized. The role and responsibility of the corrections/criminal justice professional are also presented and discussed. Case studies are employed to give students practical experience.

CORR-212**Correctional Counselling****4 Credits**

This course builds on the concepts and skills acquired in CORR 112 Correctional Interviewing. Using the case study method, students learn about and apply a variety of counselling methods and techniques including problem-solving, cognitive behavioural therapy, solution focused/motivational approaches and group counselling skills. As well, an overview of strategies to work effectively with special needs offender populations including youth, violent offenders and offenders with mental health issues is presented

Prerequisites: CORR 112.

CORR-214**Field Placement I****4 Credits**

Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate professional practice at an intermediate level based on the knowledge, skills and values taught in program courses. This placement is taken concurrently with CORR 116 Integration Seminar I.

Prerequisites: CORR 114. *Co-requisites:* CORR 116.

CORR-216**Integration Seminar II****1 Credit**

Integration Seminar provides an opportunity for students to share their experiences in field placement, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills and career development strategies such as job search techniques, resume preparation, interviews and networking. The seminar is taken concurrently with CORR 224 Field Placement III.

Prerequisites: CORR 214 and CORR 116. *Co-requisites:* CORR 224.

CORR-218**Youth and Crime****3 Credits**

This course provides a study of the social and legal influences on young people involved in criminal behaviour. The emphasis is on a detailed explanation of the Youth Criminal Justice Act as well as an exploration of the role of the police, courts, correctional agencies and the community in responding to youth crime. International approaches to dealing with youth crime are also examined.

CORR-224**Field Placement II****4 Credits**

Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. This placement is taken concurrently with CORR 216 Integration Seminar II. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate advanced professional practice based on the knowledge, skills and values learned in program courses.

Prerequisites: CORR 214 and CORR 116.

Co-requisites: CORR 216.

CRWR-295**Introduction to Creative Writing****3 Credits**

This course introduces students to writing in three genres. Usually, these will be literary nonfiction, fiction, and poetry, but at the discretion of the instructor, play/scriptwriting may substitute for one of these. Students build on the writing and analytical skills developed in first-year university English courses and learn about creative writing by both reading literature and attempting to write it. They analyze work by established writers, learn about the nature of creativity, and practice the craft of writing. They examine and employ common structures used by creative writers, learn and experience the fact that revision is the core of successful creative writing, and develop a broader understanding and appreciation for literature through their attempts to write it. **Note:** This course is restricted to students in degree programs.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-394**Writing Character****3 Credits**

This creative writing course focuses on the importance and evocation of character and identity. By comparing character-driven literature, particularly that which features a "Prairie" or "Canadian" identity against international works, students examine the work of established writers known for their particular use of character and learn how to effectively evoke their own characters, whether modeled from life or wholly of the imagination. Students examine the history of character in literature and the different ways it has been and is currently used: to evoke atmosphere, metaphor, theme. By specifically creating and modelling their own characters on the great characters of literature, both domestically and abroad, students come to understand how the familiar, the ordinary, the personal can be made transcendent and universal, and how this is a crucial element in all writing.

Prerequisites: Minimum grade of C- in either ENGL 103 or in 6 credits of university English (not including ENGL 108 or ENGL 111).

CRWR-395**Writing Poetry****3 Credits**

English 395 is an introductory course in the art of writing poetry. Students are expected to read widely, to apply poetic theory to their own work, and to write poems in a variety of genres. This course is conducted as a workshop in which students' original work is the basis for class discussion. It is recommended (though not required) that students take English 295 before enrolling in this course. **Note:** Not to be taken by students with credit in the former English 294.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-397**Writing a Sense of Place: Setting****3 Credits**

This creative writing course focuses on the importance of setting and the evocation of "place." By comparing literature in which setting is central, particularly that set on the Prairies against international works, students examine the work of established writers known for their particular use of setting, and learn how their own landscapes can be translated into evocative literature, how the seemingly mundane can be made exotic, just as the exotic can be made mundane. Students examine the history of setting in literature and the different ways it has been and is currently used: as scenery, atmosphere, character, metaphor, theme. By specifically exploring Prairie literature in the wider context of world literature, students come to understand how all writers evoke a sense of place and why it is a crucial element in all writing. Most importantly, students discover that their own "unexotic" landscapes are just as potentially rich and unique as anywhere else in the world. It is recommended (though not required) that students take English 295 before taking this course.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-399**Writing Literary Non-Fiction****3 Credits**

This course introduces students to the area of non-fiction prose writing sometimes known as "literary non-fiction" or "literary journalism" or even "creative non-fiction." A good literary non-fiction piece is more than just a reporting of facts (though it does involve careful, thorough research that may include interviewing). Literary non-fiction, unlike most other genres of non-fiction, harnesses narrative rhythm and structure. The literary non-fiction writer is free to give expression to a distinctive style, and to interpret the meaning of events from his or her own narrative perspective. Students will practice prose writing skills of this sort, read the works of major twentieth century practitioners, and learn about existing venues for publication of literary non-fiction. Over the semester, each student will write and revise a feature-length non-fiction article of his or her own.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-404**Further Studies in Creative Writing****3 Credits**

This workshop course is designed to give students an opportunity to expand their abilities as creative writers. Students write in an assigned genre such as poetry, the short story, narrative non-fiction, play-writing, or the graphic novel, working independently to develop and strengthen their creative writing skills and techniques. Students should be prepared to submit several pieces of their own work for group discussion over the term and to prepare at least one piece for possible publication. By the end of the course, every student should have a substantial portfolio. **Note:** It is highly recommended that students take a 200 and/or 300-level writing course before enrolling in English 404.

Prerequisites: A minimum grade of C- in 12 credits of 200 or 300-level university courses, a portfolio of work, and the consent of the department.

CYCW-100**Adolescent Development****3 Credits**

Students begin to examine developmental theory and patterns typical of late childhood and adolescence. Psychosocial development, cognition, spirituality and moral judgment, and physiology, including sexuality are explored. Environmental influences and typical patterns of adolescent behaviour are also considered. Students develop insight into their own style of relating to youth as influenced by their experiences as a young person. Students also acquire frameworks for helping families support youth with normal developmental tasks and fostering resilience in their young people.

CYCW-101**Helping Skills****3 Credits**

Students are introduced to the skills of effective relationship building with youth and families. The role of the child and youth care professional in the helping process is also explored. Students practice and demonstrate effective individual counselling skills, from a developmental model of counselling.

CYCW-102**Integration Seminar****1 Credit**

Students discuss field placement experiences and apply theory and skills from program course work. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at a basic level.

Co-requisites: CYCW 103

CYCW-103**Field Placement****2 Credits**

Students are introduced to the roles and responsibilities of a child and youth care practitioner through field placement. Students participate in therapeutic routines and activities in a work integrated learning environment. This workplace experience fosters the student's ability to develop an ethical helping relationship and to work on a team of child and youth care professionals in a school, residential, or community program.

Co-requisites: CYCW 102.

CYCW-104**Activity Programming****2 Credits**

This experiential course is designed to equip students with the attitudes, conceptual frameworks and skills to develop, lead and evaluate therapeutic activities for children, youth and families.

CYCW-106**The Child and Youth Care Professional****3 Credits**

Students explore the professional and ethical tasks of a child and youth care practitioner and the challenges of being a member of this profession. An overview of the needs of youth, the types of agencies providing service and the legal system governing children and youth in Canada is studied.

CYCW-107**Child and Youth Care Practice****3 Credits**

This course serves as an introduction to the distinctive domains of Child and Youth Care (CYC) practice. The basic philosophy permeating this course is that there is a set of attitudes, specific knowledge, skills and proficiencies that are uniquely those of the competent CYC practitioner. Areas covered include: relational-centred practice, the therapeutic milieu, understanding diversity and issues of social justice, strength-based intervention, models of planned change, ecological systems perspective, attachment theory, and ethics. Students are also introduced to the concept of praxis as a conceptual tool to think critically about the knowing, doing, and being of CYC practice.

CYCW-108**Special Topics in Child and Youth Care****2 Credits**

Students are introduced to two special topic areas of significance for the prospective Child and Youth Care Worker. The first topic is awareness of and working with diverse populations. The second topic explores substance abuse issues.

CYCW-110**Integration Seminar****1 Credit**

Students discuss field placement experiences and apply theory and skills from program course work to practice. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at an intermediate level.

Prerequisites: CYCW 102. *Co-requisites:* CYCW 111.

CYCW-111**Field Placement****2 Credits**

Through continuing participation and co-leadership in routines and activities, this second placement further develops the core skills of a competent child and youth care practitioner. Students advance their skill and knowledge by focusing on relationship as a therapeutic tool. Students are expected to demonstrate creativity in planning activities, to be more independent problem solvers, and to show initiative.

Prerequisites: CYCW 102 and CYCW 103. *Co-requisites:* CYCW 110.

CYCW-112**Family Dynamics****2 Credits**

Students examine the family as a system within a broader ecological systems context. Students begin with an overview of basic family systems theory and then focus on the application of this core knowledge to their own family of origin. Through this self-study approach, students recognize and explore issues that may affect their ability to work with at-risk youth and families.

CYCW-114**Individual Counselling****3 Credits**

Students continue to study the developmental model of individual counselling. Specific skills are taught that allow students to assist youth and adult clients in fully exploring and clarifying problem situations and missed opportunities in their lives; and to challenge their limited perspectives and access personal strengths, competencies and capabilities. Students are introduced to the solution-focused approach to helping, life space counselling, and spirituality in the helping process.

Prerequisites: CYCW 101.

CYCW-200**Child/Youth Care Methods I****3 Credits**

Students explore competency-based approaches to working with children, youth and their families that can be used in a variety of settings. Developmental theory is reviewed and applied to youth. Principles of effective behaviour management are learned and applied to the development of short-term behaviour plans. Preliminary skills for the creation of intervention strategies and service plans for youth and families are practiced. Students explore an overall framework that enhances their developing attitudes and skills in working effectively with youth and families.

Prerequisites: CYCW 107.

CYCW-201**Child and Youth Care Practice in Mental Health****3 Credits**

Students explore a range of childhood and adolescent mental health issues. The causes, symptoms and treatment of commonly diagnosed physical/organic, social, emotional and behavioural disorders are considered. Students examine a range of disturbances from a strength-based and family perspective, in terms of both assessment and management. Participants access their own resources and resiliencies as they address issues that are traumatic for self and clients. The role of the Child and Youth Care Worker in settings providing mental health services is examined.

CYCW-202**Integration Seminar****1 Credit**

Students discuss field placement experiences and apply theories, knowledge and skills from second year course work to their Child and Youth Care field placement practice. Students practice group work skills in seminar sessions. Students explore the notion of "caring for the caregiver," designing and applying self-care strategies to themselves as helping professionals.

Prerequisites: CYCW 110 and CYCW 111. *Co-requisites:* CYCW 203.

CYCW-203**Field Placement****4 Credits**

Students work in challenging child and youth care settings, with a focus on supporting youth and families to make effective change in their lives. In group care, family-based, or specialized community programs, students demonstrate individual counseling, life-space teaching, activity programming, and crisis intervention, along with the core competencies of relationship building, behaviour management, report writing and team work.

Prerequisites: CYCW 110 and CYCW 111. *Co-requisites:* CYCW 202.

CYCW-204**Group Work****3 Credits**

Students explore the role of groups in the treatment process for children, youth and families in child and youth care contexts. Students extend individual counselling skills into group work practice in the life space. Students apply group facilitation skills in the classroom.

Prerequisites: CYCW 114.

CYCW-205**Issues in Family Work****3 Credits**

Students are introduced to conceptual frameworks to assess dysfunctional family systems and understand contemporary issues facing today's families. The perspective of family resilience is integrated with family developmental theory as a conceptual map to guide family intervention. Theoretical models of support programs and services available to families are also analyzed. Critical thinking is emphasized in relation to entry-level competencies in child and youth care.

Prerequisites: CYCW 112.

CYCW-206**Child/Youth Care Methods II****3 Credits**

Students explore the process of altering the story about "self" which is held by the child, youth, and his/her family through the application of therapeutic interventions such as cognitive behavioural therapy and attachment-focused interventions and use of expressive therapies including creative journaling, music, play, drama, and bibliotherapy. There is a focus on aggressive youth and crisis intervention as well as the ethical considerations for child and youth care practitioners.

Prerequisites: CYCW 200.

CYCW-207**Integration Seminar****1 Credit**

Students discuss field placement experiences and apply information and skills from course work completed. In this fourth seminar, students practice advanced group work skills and also engage in essential job search activities.

Prerequisites: CYCW 202 and CYCW 203. *Co-requisites:* CYCW 208.

CYCW-208**Field Placement****4 Credits**

Students practice required entry-level competencies of a child and youth care worker. In group care, family-based or specialized community programs for youth and their families, the student demonstrates the competencies of service planning, implementation and evaluation within a service team.

Prerequisites: CYCW 202 and CYCW 203. *Co-requisites:* CYCW 207.

CYCW-209**Family Support and Intervention****2 Credits**

Family assessment and intervention skills required to work in the life space are a major focus of this course. Activity based and solution-focused family interventions are applied.

Prerequisites: CYCW 205.

CYCW-211**Development Across the Lifespan****3 Credits**

Students examine major developmental milestones and challenges across the lifespan, beginning at conception and ending with death and dying. Students explore various theoretical perspectives, and relevant research at all developmental stages. Students describe and apply the lifespan perspective to child and youth care practice with children, youth and families.

Prerequisites: CYCW 100.

CYCW-302**Advanced Child and Youth Care Practice I: Linking Theory, Self and Ethics****3 Credits**

This in-depth course examines professional child and youth care practice and integration of theory, self, and ethical practice by focusing on the major theoretical change frameworks and their associated philosophies, goals, strategies and techniques. Students are challenged to identify their unique life-position lenses, that is, how based on early life experiences, they position themselves in relation to others and see the world and their place in it. Their life-position lenses are considered in relation to various theoretical change models, and students explore, develop and integrate their own theoretical orientations and perspectives on change. Emphasis is placed on developing one's on-going self awareness, critical thinking abilities, and purposeful ethical Child and Youth Care practice.

CYCW-303**Advanced Child and Youth Care Practice II: Relational-Centred Case Planning****3 Credits**

This course on inquiry into Relational-Centred Planning seeks to engage students in the complexity of assessment and planning from a relational-centred perspective. Students explore the core premises of relational-centered practice and demonstrate their relational skills and capabilities through critical self-reflection. This course also prepares students to engage in evidence-based inquiry within the theoretical underpinnings of relational-centred planning.

CYCW-339**Applying Developmental Theory in Child and Youth Care Practice I****3 Credits**

Students consider the implications of contemporary perspectives on traditional developmental theory and research for advanced Child and Youth care practice. Emphasis is placed on the development of self and relationships in the contexts of the family, school, community, and client/worker relationship. The themes of resilience and diversity and their effects on development are explored. Students apply developmental perspectives to their own life experiences as these relate to their work with youth and families.

CYCW-340**Applying Developmental Theory in CYC Practice II: Advanced Application****3 Credits**

This in-depth course focuses on developmental and contemporary theories in relation to Child and Youth Care contexts and professional practice within current and historical socio-political climates. Emphasis is placed on the intersections of diversity in relation to social justice issues in global, national and local contexts including Child and Youth Care practice environments. Students apply theoretical perspectives to their own life experiences on a personal level as well as a professional level as related to their work with children, youth and families.

CYCW-350**Law and Social Services****3 Credits**

This course provides students with a basic introduction to law and legal issues in the child welfare system. The child and youth care role requires increasing knowledge of the law and awareness of ethical and legal obligations for the professional child and youth care practitioner. Throughout the course, consideration is given to the function of law as an institution and the role of law as an expression of social policy. The course instills an awareness of legal principles and the rights of clients, and the responsibility of social services staff to uphold these rights. The course provides a knowledge base in family and child protection law, civil liberties, court procedures and hearings, and evidence-giving skills.

CYCW-360**Abuse and Neglect****3 Credits**

Students explore their own values and attitudes toward abuse and neglect and critically examine theory and research relating to child and family abuse and neglect. Definitions of abuse and neglect are explored across different historical and cultural contexts. Students learn the causes, indicators, dynamics, and consequences of abuse and neglect for individuals, families and communities. Students prepare to recognize, assess, respond, and intervene competently in situations of abuse and neglect as they arise in their child and youth care field placement, workplace or community.

CYCW-361**Substance Abuse****3 Credits**

Students analyze and compare theories, principles, systems, issues, and the interventions in the field of alcohol and substance abuse as they pertain to Child and Youth Care practice with children, youth, families, and communities. Students explore their personal beliefs, values, and ethics regarding both substance abuse and how change occurs. They consider how these beliefs, values and ethics may impact their work with clients.

CYCW-411**Advanced Field Placement I****3 Credits**

In this supervised field placement, students focus on a specific area of practice and on locating their placement setting in terms of its social context. Relevant legislation and social policy are examined and the impact of these on agency policy and practice is explored. Students examine agency mission, structure, professional roles, and service delivery model of their placement setting, and evaluate how these elements relate to the needs of the clients being serviced. Students critically assess their professional values, ethics and practice.

CYCW-412**Advanced Field Placement II****3 Credits**

In this field placement, service planning, assessment skills, intervention strategies, evaluation skills and/or project planning and delivery skills are applied at an advanced level. Students integrate current Child and Youth Care theory and research into their practice. Professional values and ethical practice are critically analyzed. Students are challenged to develop and articulate their own professional identity. Students access the expertise of other professionals and function as partners in the workplace and on service teams.

CYCW-423**Child and Youth Care Research****3 Credits**

Students are introduced to the principles of the scientific method of inquiry and the skills necessary to design and implement a course-based research project. Within an applied research context, students are introduced to the major research paradigms (positivism, interpretivism, and critical science) and strategies of inquiry (qualitative, quantitative, and mixed method). Students select a topic of interest, frame a researchable question, map-out a literature review plan, design a sample strategy, collect and analyze data, and showcase their projects in a poster session.

CYCW-425**Quantitative and Qualitative Analysis****3 Credits**

Students examine statistics as a set of tools and techniques used to organize, describe and interpret information. The strengths and weaknesses of statistical analysis as one component of the research methodology are appraised. Statistical techniques discussed include measures of central tendency, correlation coefficients, normal distributions, t-tests and analysis of variance. Introduction to quantitative research design includes but is not be limited to concepts such as statistical significance, sample size, reliability, variance and research design. Collection and analysis of qualitative research data is also introduced, and the relevance of this approach to child and youth care practice and research is explored.

CYCW-465**Advanced Child and Youth Care Practice with Community Groups****3 Credits**

Child and Youth care is an increasingly complex work environment. Students investigate some of these complexities from a Child and Youth care perspective. Students further develop their skills and knowledge about working with and in communities. Emphasis is placed on conceptualizing and analyzing effective community practice skills and the ability to work in complex environments. These skills include collaboration, community-based approaches and working as a member of a multi-disciplinary team. Exploring the concept of advocacy, including the differences between self, individual and systemic advocacy, for the children, youth and families served continues to be important. Aspects of supervision and management from a Child and Youth care perspective are explored and applied to practice situations.

CYCW-466**Advanced Child and Youth Care Practice With Families****3 Credits**

Students learn about current conceptual frameworks and models for understanding family functioning and parenting. Family assessment methodologies and interventions which are appropriate to Child and Youth Care settings are studied. This course builds on existing theories of family functioning and intervention strategies to create a Child and Youth Care theory and approach to working with families.

CYCW-474**Advanced Child and Youth Care Practice With Individuals****3 Credits**

Students focus on advanced skills and frameworks for Child and Youth Care practice with individuals. Using a relational perspective, students integrate and apply a range of theories for counselling individual children, youth, and family members including: life-space counselling, resiliency based and solution focused interview approaches, and the developmental model of counselling. Spirituality and cross-cultural issues are considered as they relate to counselling individuals. Students examine literature and research relevant to counselling in Child and Youth Care practice.

DESN-100**Drawing for Communication****3 Credits**

This course fosters creative thinking through brainstorming, rapid visualization, sketching and storyboarding. Design concept and ideation are emphasized as students are challenged to express original ideas on paper. Students develop a visual vocabulary for the exploration and representation of ideas through the study of line, gesture, media and mark-making, observational exercises and other drawing techniques.

DESN-101**Drawing****3 Credits**

Students apply the principles of linear perspective and structural analysis to represent observed subjects. With a focus on the formal principles of pictorial composition, students investigate the expressive potential of drawing and are introduced to the representation of human figure.

Prerequisites: DESN 100.

DESN-110**Design Studio I: Visual Organization, Composition and Visual Language****3 Credits**

This course introduces the foundational elements and principles of two- and three-dimensional design as they relate to visual communication. Design process and problem solving through project-based studies are emphasized as students acquire the fundamentals of visual language, composition and colour. This course also introduces students to the principles of visual communication theory and selected aspects of the history of two- and three-dimensional design.

DESN-120**Introduction to Design Software****3 Credits**

This course introduces the digital work environment of a visual communication designer. Students develop a foundation of software skills while attending to best practices of reliable organizational and file management habits, suitability of software application for a variety of production outcomes and technology problem solving skills.

DESN-150**Image Structure and Meaning****3 Credits**

Students develop visual sensitivity through the creation of static and dynamic images using photography and video. Composition, framing, viewpoint and use of light are studied and practiced as students visually explore the world around them. Students research a range of subject matter in order to develop a message as well as compose, shoot and edit photographs and video. Special consideration is given to the relationship between composition and communicative value. This course also introduces students to the basic principles of communication theory and selected aspects of the history of the lens arts.

DESN-200

Drawing for Illustration

3 Credits

Students explore the communicative potential of illustration as a visual medium. The human figure, natural and manufactured forms are rendered through traditional illustration techniques. Through creative, aesthetic and expressive choices, students are challenged to resolve the illustration of visual concepts.

Prerequisites: DESN 101.

DESN-210

Design Studio II: Intradisciplinary Design Projects

6 Credits

With a focus on concept development, this course explores, in an intradisciplinary context, the multiple specialty areas within the discipline of visual communication design. Special consideration is given to adaptability of message to audience, media and context of use. The role of the designer, design research and process, and project management are emphasized in a project-based context, as students are challenged to develop original concepts, sound rationales and formal solutions to real-life design problems. Principles of visual communication theory and visual rhetoric are introduced, along with selected aspects of the history of design.

Prerequisites: DESN 100, DESN 110, DESN 120, DESN 150.

DESN-230

Typography I

3 Credits

Students are introduced to the history and development of letterforms, the typographic system and the use of typography as it relates to visual communication design. Terminology, systems of measurement, type families and classification are explored, while students study the structure and use of letterforms, words and sentences for expressive purposes. In a project-based context, there is special emphasis on the fundamentals of legibility, readability and hierarchies of information, as students create posters, logotypes and basic layouts.

Prerequisites: DESN 100, DESN 110, DESN 120.

DESN-240

Introduction to Web Design and Development

3 Credits

Students apply typographic, layout, and design skills in the creation of visual interface designs for web pages. Students learn to recognize audience behaviors, translate behaviors into user goals and tasks, and incorporate these tasks into visual interface designs. Static interface designs are translated into functioning web pages using computer coding such as HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). While developing creative and technical skills in the medium, students design and manage web projects from conceptualization to completion and delivery.

Prerequisites: DESN 210, DESN 230.

DESN-241

Interaction Design I

3 Credits

Interaction designers create and build visual elements for websites and applications using coding systems: HTML, CSS and equivalent. Students undertake projects from visual concept to final product as they design and build interactive elements that attract and engage a user. Projects require skills of design layout, typography, animation, video and audio.

Prerequisites: DESN 240

DESN-250

Introduction to Photography

3 Credits

Using a DSLR camera and accessories, students explore photography as a tool of communication. Through the practice of photographic techniques, students develop the photographer's sensibilities for composition, exposure, lighting and camera operation. Creative decisions, both technical and aesthetic, are emphasized. Master photographers are studied to inspire and develop a critical vocabulary.

Prerequisites: DESN 120.

DESN-251

Applied Photographic Design

3 Credits

Students explore advertising and editorial photography as an integral component of visual communication in design. Students build upon prior courses to employ creative process and advanced camera techniques in the creation of compelling photographic imagery.

Prerequisites: DESN 250.

DESN-252

Digital Imaging

3 Credits

Students use digital imaging techniques to influence the communicative impact of an image. Industry standard software is used to process and create images while employing current digital workflow practice.

Prerequisites: DESN 120.

DESN-260

Introduction to Video

3 Credits

This course introduces the communicative possibilities of video, focusing on creative vision, acquisition, and editing. Students engage in the creative process, produce short video projects, and learn how to creatively utilize video assets. Students will explore how audio and visual editing techniques influence the message and viewer perception.

Prerequisites: DESN 150.

DESN-261**Motion Graphics I****3 Credits**

Students create visual narratives with motion typography and animation. The principles of motion, time, colour, sound and space are explored as students learn to apply the tools and techniques of the motion graphics designer to create animated visual sequences.

Prerequisites: DESN 260; DESN 330.

DESN-270**The History of Design and Material Culture Through the 18th Century****3 Credits**

This survey course introduces the socio-cultural and stylistic movements of design and material culture from prehistory through the 18th century. Students are introduced to the vocabulary of art, design and material culture focusing on the contexts of production, consumption, value and meaning. Artifacts of western and non-European culture including art, architecture, furniture, products, interior design, clothing, and visual communication design are examined in the socio-cultural context of design history.

Prerequisites: Six 100-level credits of English or English 111 and 211.

DESN-271**The History of Material Culture and Design From the 18th Century****3 Credits**

This course introduces students to the history of Modern design and material culture. Students will examine the relationship between visual and material culture and major socio-economic and cultural formations of modernity such as industrialization, mass production, mass media, urbanization, technology, progress, consumption and lifestyle. Artifacts of western and non-European culture including art, architecture, furniture, products, interior design, clothing, and visual communication design are examined in the context of design history.

Prerequisites: DESN 270.

DESN-300**Illustration Techniques****3 Credits**

Students develop the technical, conceptual and expressive illustration skills to design, prepare and produce illustration work for commercial outcomes. The history, use and trends in hand-rendered and digital illustrative design are also explored as students experiment with a wide range of media and stylistic techniques. Study, practice and assignments focus on the development of illustration concepts and principles of composition.

Prerequisites: DESN 200.

DESN-310**Design Studio III****3 Credits**

With a focus on concept development, students explore communication theory-in-practice. There is a special emphasis on content, context and audience; messages that inform, instruct and persuade; and, the ideation stage of the design process. Students are challenged to stretch their creative capacity and go beyond the common-place in order to conceive, execute and present original solutions to complex design problems.

Prerequisites: DESN 210.

DESN-311**Corporate Identity Design and Branding****3 Credits**

Students explore the principles of product and corporate identity and the visual communication of comprehensive brand experiences through the examination of brand positioning processes and brand case studies. With an emphasis on design process, students create and execute a range of brand identity programs, developing a consistent and appropriate visual voice for multiple applications.

Prerequisites: DESN 310, DESN 330.

DESN-313**Information Design****3 Credits**

Students examine the processes by which complex information can be organized and presented visually so that it is understandable and useful to the viewer. The design of diagrams, symbols, charts, infographics, and orientation systems are explored with a special emphasis on information analysis, architecture and visualization for print, digital and interactive displays.

Prerequisites: DESN 330.

DESN-314**Environmental Graphic Design****3 Credits**

This studio course introduces students to graphic design principles and practices specific to the design of informational and directional graphics for the built environment. Students engage in a mix of theoretical and practical production activities to develop critical and applied understanding of graphic design for three dimensional application. With an emphasis on wayfinding and place making, students design effective solutions that consider form and user experience as it relates to information, environment and cultural context.

Prerequisites: DESN 311.

DESN-315**Visual Narrative and Storytelling****3 Credits**

The focus of this course is the exploration of visual narrative forms and their role in visual storytelling. Contemporary visual narrative theories guide student projects as they explore and discuss their effect on storytelling. Students stretch their image-making and design abilities to tell dynamic stories in visual form, while choosing appropriate media, narrative structure, pace, rhythm and sound, in order to elicit an emotion in the viewer.

Prerequisites: DESN 310.

DESN-316**Branded Environments****3 Credits**

This course explores brand identity when it is visually and spatially applied to the built environment. Students extend the audience's experience of a brand into three dimensions through the use of visual and sensory cues, including environmental graphics, signage, identity systems and finish materials selection.

Prerequisites: Minimum grade of C+ in DESN 311.

DESN-317**Publication Design****3 Credits**

In this advanced course, students examine and compare the anatomy and overall design characteristics of editorial publications, catalogues, and books with a focus on audience, style, format and organization. Students experience the publication process, from initial client meetings to final production. Working alone and in teams, students develop and defend solutions that address the communication needs of these varied publication types, while planning and adhering to industry standards of production workflow.

Prerequisites: DESN 310, DESN 330 and DESN 311.

DESN-318**Advertising Design****3 Credits**

In this course students focus on marketing and advertising design principles in the studio environment. Importance is placed on process, analysis, and the development of creative solutions. The advertising message, formats for common ad copy, and production methods are considered as students design several advertising campaigns.

Prerequisites: DESN 311.

DESN-330**Typography II****3 Credits**

This course explores typography as an essential element of visual communication design. Students apply the principles of typographic selection, application and organization to text-based content and information. This course advances knowledge of the complex interrelationship of text, context, image, audience and function while considering factors of format, visual hierarchy, legibility, typographic systems and colour. These subjects are explored through a variety of publication types including magazine design, annual reports and catalogues. Students also further develop software skills related to the design and production of projects in various formats and media.

Prerequisites: DESN 230.

DESN-340**Web Design & Development II****3 Credits**

Students expand their HTML/CSS skill set and usability knowledge to build visually engaging user interfaces and complex websites. Emphasis is placed upon information architecture where students must label, structure and prioritize content according to client needs and target audience profiles. Responsive design concepts, processes and techniques are also taught to ensure websites are usable and engaging in a mobile, tablet or desktop environment. Students also learn how to publish their websites on the Internet.

Prerequisites: DESN 240.

DESN-341**Interaction Design II****3 Credits**

Building upon skills and methods from Interaction Design I, students learn how to design interfaces for websites or apps that require a high level of user interactivity or data visualization. Projects are more open-ended and require students to be problem identifiers not just problems solvers. Emphasis is placed on context of use, form factors, and appliance displays whether wearable or fixed location.

Prerequisites: DESN 241.

DESN-342**User Experience Design, Usability and Research Methods****3 Credits**

Students learn how to strengthen their interface design decisions by using participatory research methods and usability theories. Research methods are explored by learning the benefits, context of usage, implementation techniques and data analysis strategies. Emphasis will be placed on realizing a client's needs and objectives as students design and test interface prototypes.

Prerequisites: DESN 240.

DESN-343**Web Design & Development III****3 Credits**

This is the capstone course for students focusing on user interface design. All technical skills, usability theories, information architecture concepts and research methods learned in previous courses are combined and put into practice. An emphasis on Content Management Systems (CMS) and HTML/CSS frameworks offers students insight into how the majority of websites are deployed on the internet.

Prerequisites: DESN 340.

DESN-361**Motion Graphics II****3 Credits**

This course examines advanced topics and practices in motion graphics production. Students explore the communicative potential of motion graphics in a project-based context. There is special emphasis on concept development, asset management and motion branding. Students also explore animation techniques including code-driven animation.

Prerequisites: DESN 261.

DESN-380**Design Thinking Seminar: Design Strategy, Complex Projects & Systems****3 Credits**

Students examine case studies of innovative design solutions and they discuss the challenging social, political, economic, and environmental contexts of complex and multi-faceted design problems. Students are guided into the creative and systematic thinking processes and methodologies of design employed by experienced designers. There is a special emphasis on user-centric design, design research, and the creation of design solutions aimed at satisfying people's needs, wants and desires.

Prerequisites: DESN 271.

DESN-381**Design Issues Seminar****3 Credits**

This course challenges students to understand and reflect on some of the major issues facing designers and the design profession. Students develop a broader and deeper understanding of the historical and contemporary context of a concern through research, discussion and presentation. Issues across design disciplines are critically examined through design theory, problems and practice. The specific topics covered in any given year will be selected by the instructor.

Prerequisites: DESN 271.

DESN-390**Portfolio & Business of Design****3 Credits**

In this capstone course students create and produce a portfolio which highlights their competence, knowledge and proficiency. With a focus on how to secure a job or contract in the visual communication design sector, topics include marketing and self-promotion, business practices, negotiation and pricing, ethical and legal standards of practice and professional relationships in design. Guest speakers provide real-world examination of the professional practice. A portfolio review event concludes the course.

Prerequisites: Minimum of 15 credits of DESN courses at 300-level.

DESN-391**Internship****0 Credits**

The opportunity to establish working relationships and observe the real-world workplace is central to this course as students experience the pace and demands of a design agency or communications department. Working under the supervision of a professional practicing designer, students apply the skills learned in course work and demonstrate the techniques, methods and problem solving expected of a professional designer.

Prerequisites: Minimum grade of B- in DESN 310 and DESN 311.

DMWP-100**Essential Anatomy and Physiology****3 Credits**

The structure and function of the normal human body are examined. The respiratory, cardiovascular, gastrointestinal, genitourinary, nervous, reproductive, musculoskeletal, integumentary, lymphatic, hematological, immune/inflammatory, special sense organs and endocrine systems are explored. Terminology particular to description and organization of human anatomy is introduced. Students acquire medical terminology necessary to communicate information in a disability management environment and to understand medical documentation.

DMWP-102**Medical and Pharmaceutical Concepts****3 Credits**

A wide range of medical and pharmaceutical topics that the disability management practitioner may be exposed to via medical documentation, discussions with healthcare professionals, and the disabled or ill individual are addressed. Basic medical and pharmaceutical terminology are introduced to enable students to read medical reports and engage in conversations related to return to work management. Common diagnostic and clinical procedures pertinent to cardiovascular, respiratory, digestive, genitourinary, reproductive, nervous, musculoskeletal, integumentary and endocrine systems are also examined. Students investigate common pharmaceutical, non-pharmacological, and complementary therapies utilized to treat various common conditions so that they better understand reports and discussions on these topics. Mental health issues, psychosocial factors, and their impact on the return to work process, are appraised. As a component of the practitioner's role, health and wellness concepts are emphasized in assisting an individual's journey during the return to work process.

DMWP-104**Introduction to Disability Management****3 Credits**

The concepts, principles, models, and stakeholder roles relevant to the field of disability management are examined. The social, vocational and financial components of a disability management program are identified. The key aspects of a disability management program are presented, as well as industry-based application techniques. Trends and issues within the specialty field are addressed. Students will explore their professional responsibilities, the value of this field, and the growing demand for competent disability management practitioners.

DMWP-110**Ethics and Professionalism in Disability Management****3 Credits**

Standards of practice for consensus-based disability management are focused upon in this course. Students examine ethics, values and principles related to disability management practice settings. Analysis of various ethical and professional issues of the disability management practitioner is emphasized. Opportunities for professional growth and networking are addressed.

Prerequisites: DMWP 104.

DMWP-112**Health, Social and Legislative Foundations****3 Credits**

Students examine legislation relevant to the workplace, such as employment standards, privacy legislation, labour relations, human rights, occupational health and safety, workers compensation legislation, and their impact on disability management practices. The evolution of work and the relationship of compensation, benefits, and return to work planning within disability management are addressed. Occupational health and safety issues and trends in the workplace are analyzed. Students identify occupational hazards and lifestyle issues, and discuss their impact on the worker and the disability management program.

DMWP-114**Conflict and Crisis Management in Return To Work****3 Credits**

Students are introduced to a framework for conflict resolution in disability management. Introduction to an interest-based conflict resolution process guides the learner to assess their personal conflict resolution style and to determine the impact of various communication skills, emotions and grief during conflict and crisis situations. Group productivity and effectiveness are discussed within the context of managing difficult situations. The application of mediation, negotiation, facilitation and interview skills are addressed. Strategies to diffuse volatile situations in relation to the return-to-work process are examined.

Prerequisites: INTD 105.

DMWP-116**Return to Work Management****3 Credits**

The process to accommodate ill or injured employees is the focus of this course. Students utilize a consensus-based model to develop, implement and evaluate return to work plans or programs for employees (including returning older workers, women and various cultural groups). Cost/benefit analysis, benchmarking, auditing, and the preparation of a business plan for a disability management program are examined. The management of difficult disability cases is explored by students. Also addressed are the roles and responsibilities of case managers. Various models and processes of case management are examined as they apply within return to work coordination and disability management.

Prerequisite: DMWP 104.

DMWP-118**Field Placement****3 Credits**

A supervised application of the disability management program concepts occurs in an occupational setting. Through self-determined goals, the student designs and completes a project utilizing the application of disability management theory and practice standards in the delivery of consensus-building disability management. Following a relevant literature review, the student develops a comprehensive return to work plan for an employee of the field placement organization. The student functions as a member of the team, working within legal, ethical, professional, and organizational parameters.

Prerequisites: DMWP 100, DMWP 102, DMWP 110, DMWP 112, DMWP 114, DMWP 116.

DRMA-102**Play Analysis****3 Credits**

Although it explores the influence of drama as theatre, Drama 102 concentrates on the critical analysis of the dramatic text. Through the study of scripts representing major historical periods when drama significantly influenced society, students become aware of the basic elements of dramatic structure. Students are introduced to a multiplicity of perspectives of play analysis (director, designer, dramaturge, actor, and critic). The influence of drama on contemporary society is part of this exploration. Students are required to attend and study at least two productions during the current term.

DRMA-149**Introduction to Dramatic Process****3 Credits**

This course is designed for students with little or no previous experience in drama and therefore introduces students to the process of acting and dramatic form. By improving their improvisational techniques in the disciplines of speech and movement, students develop an increased awareness of the art of drama in relationship with the process of the actor. The class focus is on concentration and group dynamics; there is no scripted work. Attendance is essential.

DRMA-247**Introduction to Oral Communication****3 Credits**

This course helps students improve their oral communication and oral interpretation. It includes voice production appropriate for public speaking and for literary interpretation of prose, poetry, and drama. The course begins with how the voice is produced and progresses with various specifics of prose and poetry, scripted and improvisational speaking, and the effective delivery of dramatic literature (reader's theatre and theatrical monologues). The course concentrates on individual student presentations of both original and scripted material.

DSLCL-214**Seminar I****1 Credit**

Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Grounded in evidence based practice, the importance of professional and ethical conduct within a team structure are explored and developed. Students begin to develop the skills and attitudes of a reflective practitioner. Basic multimedia presentation skills are learned as a means to communicate information. The process of developing professional portfolios is initiated.

Prerequisites or Co-requisites: DSLCL 215, DSLCL 216, DSLCL 217, DSLCL 218, DSLCL 219.

DSLCL-215**Field Placement I****2 Credits**

In this supervised field placement, students apply and enhance their skills and knowledge in person directed practice, family support, facilitating learning, and advocacy and activism. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, peers, families, and individuals they support in order to function as an effective team member.

Prerequisites or Co-requisites: DSLCL 214, DSLCL 216, DSLCL 217, DSLCL 218, DSLCL 219.

DSLCL-216**Person Directed Practice****3 Credits**

Students develop person directed practices that focus on strengths, gifts, relationships, and community connection in supporting people with disabilities to have meaningful lives of their choosing. Students learn to facilitate person directed plans that support positive outcomes for individuals with disabilities. Students select and apply planning approaches that incorporate the practices of inclusion, empowerment, and individualization in the planning process.

DSLCL-217**Family Support****3 Credits**

Theoretical approaches to understanding family systems, considering the psychological, social, and cultural factors affecting families, are discussed. Students explore the importance of the family as it responds to and impacts upon members with disabilities. Approaches to identifying and supporting diverse family strengths and needs are examined and applied to communication, support, and professional boundary issues that may arise when working in family homes.

DSLCL-218**Advocacy and Activism****2 Credits**

Advocacy and social activism are important processes that support people with disabilities in achieving equal citizenship. Personal, cultural, and structural oppression are examined as the means by which people with developmental disabilities are excluded from equal citizenship. Students develop a working knowledge of advocacy and social movement theory, as well as human rights legislation as foundations for empowerment work. Students examine current techniques and approaches in supporting self-advocates who are working within and outside of systems to effect change in order to achieve lives of equality and full inclusion. Students learn to work within a critical ethical framework as they develop their role as an ally.

DSLCL-219**Positive Approaches to Learning****3 Credits**

The shift from person centred to person directed planning is evident in the disability service sector. As part of a self-directed plan, individuals with developmental disabilities are encouraged to identify personal learning goals. Students are introduced to adult development and learning, processes of formal and informal assessment, and interpretation of assessment reports as part of supporting individuals with disabilities to meet their personal learning goals. Teaching strategies that support individual skills development are developed. Methods to evaluate the effectiveness of the teaching strategies are explored.

DSLCL-223**Positive Behaviour Support****2 Credits**

Positive behaviour supports refers to innovative ways of supporting individuals with complex needs so that they can lead lives of belonging and meaning. Students develop creative supports based on a deep understanding of the person and his or her unique challenges, such as the impact of disability, addictions, mental health concerns, conflict with the law, and history of trauma. Students acquire a solid foundation of functional assessment approaches and strategies used in the disability service sector. The knowledge and skills are used as a foundation for students to develop, implement and evaluate positive support plans. Students also learn strategies required to manage critical incident and crisis situations.

DSLCL-225**Personal Care and Wellness****3 Credits**

Students examine practices that promote healthy living and wellness for individuals with developmental disabilities including individuals with complex health needs. Students integrate theory and skills related to health promotion measures that contribute to optimal quality of life in terms of social, emotional, occupational, spiritual, mental, environmental, and physical health across the life span for individuals with developmental disabilities. Students create wellness plans and develop knowledge and skills in nutrition; tube feeding; seating, lifting, carrying and transferring procedures; and wheelchair maintenance. Students are required to demonstrate competencies in medication administration, universal health precautions, feeding, and wheelchair safety and maintenance.

DSLCL-226**Approaches to Building Community****3 Credits**

Students examine the concepts of community building and development, and apply them to the practice of supporting people with disabilities. Students learn how community capacity and strong community connections enable the people they support to live lives of meaning, connection, and contribution.

DSLCL-227**Supervision and Organizational Leadership****3 Credits**

Students examine the importance of strategic planning as a way to guide organizations within the disability service sector. Students explore various theories of management, leadership, and supervision and the skills required to effectively manage teams and organizations, and facilitate organizational change. Strategies to foster diversity and inclusion are also examined along with issues unique to the disability service sector.

DSLCL-229**Seminar II****1 Credit**

Grounded in evidence based practice, professional and ethical conduct within a team structure are demonstrated. Students demonstrate advanced skills and attitudes of a reflective practitioner. Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Students create and present multimedia presentations. Comprehensive professional portfolios are completed and job search processes are practiced.

Prerequisites: DSLCL 214, DSLCL 215. *Co- or prerequisites:* DSLCL 223, DSLCL 225, DSLCL 226, DSLCL 227, DSLCL 230.

DSLCL-230**Field Placement II****3 Credits**

In this supervised field placement, students apply and enhance their skills and knowledge in community building, organizational leadership and supervision, providing positive behavioural support, providing personal care and promoting wellness. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, practitioners, families and individuals they support in order to function as an effective team member. Students develop their professional identity and focus of future practice.

Prerequisites: DSLCL 214, DSLCL 215. *Co- or prerequisites:* DSLCL 223, DSLCL 225, DSLCL 226, DSLCL 227, DSLCL 229.

EASC-101**Introduction to Physical Science****3 Credits**

This course provides an introduction to the origin of the Earth and solar system, the concept of geological time, and the identification of minerals and rocks. The theory of plate tectonics and the resulting structural features of the Earth are covered. Surface weathering processes and principles of geomorphology are described. **Note:** Credit can only be obtained for one of EASC 100 and EASC 101.

EASC-102**Introduction to Environmental Earth Science****3 Credits**

In this course, the global energy budget and major energy pathways, the Earth's patterns of weather systems and their impact on temperature, precipitation, moisture and winds are covered. Atmospheric and oceanic circulation systems and their effect on the global environmental system are discussed. Components of the atmosphere and their interactions to create weather and climate are also topics dealt with in this course. The hydrologic cycle and local water balance calculations are examined. Biological ecology and global biomes are examined. **Note:** Credit can only be obtained for one of EASC 100 and EASC 102.

EASC-103**Historical Geology****3 Credits**

This course provides a study of the geologic history of the Earth from the development of the solar system to the present. The role of geochronology, stratigraphy, sedimentary and structural geology, as well as aspects of plate tectonics in paleontology are discussed. The origin and evolution of life are explored, along with an examination of fossilization. A time-sequence analysis of the Earth's geologic past is performed using the development and movement of continents, orogenies, changes in sea-level and the appearance and evolution of life through fossils. The focus will be on the North American continent. **Note:** Credit can only be obtained for one of EASC 103 and EASC 105.

Prerequisites: Minimum grade of C- in EASC 101.

EASC-206**Geology of the Solar System****3 Credits**

This course demonstrates how information gleaned from both manned and robotic space missions, as well as astromaterials available for direct study, are used to gain an understanding of the geology of our Solar System. Geological processes that were, and continue to be, active in the Solar System are examined with a special emphasis on impact cratering. The similarities and differences in the geology of planets, how these relate to the origin and evolution of the Solar System, and their implications for the search for life are also investigated.

Prerequisites: Minimum grade of C- in one of EASC 100, EASC 101 or in ASTR 120.

EASC-209**Geology of Western Canada and the National and Provincial Parks****3 Credits**

This course presents an overview of the geology and landscapes of Western Canada. The exposed rock of the prairie and mountain parks of Alberta and British Columbia are discussed within a regional geological context and examples from parks such as Yoho, Banff, Jasper, Dinosaur, and Kananaskis are featured. Geological processes of mountain building and past and present landscape evolution are emphasized.

Prerequisites: Minimum grade of C- in EASC 100 or in EASC 101.

EASC-219**Mineralogy****3 Credits**

This course employs a theory and lab-oriented approach to understanding mineralogy. Topics include mineral origin and formation, classification and crystallography. Hands-on mineral identification will be undertaken in the labs with a focus on major rock forming minerals, such as the silicates. The opportunity to examine rare meteorites in thin section will also be provided. Students will be assigned their own petrographic microscope for use during the term, with an additional lab designed to utilize the Raman spectrometer. A field trip to the Royal Alberta Museum will be conducted during the term.

Prerequisites: Minimum grade of C- in either EASC 101 or in EASC 105.

EASC-221**Introduction to Geographic Information Systems****3 Credits**

This course provides a theoretical and practical introduction to Geographic Information Systems (GIS) as applied to geologic and environmental sciences. Lectures combine an overview of the general principles of GIS with a theoretical treatment of the nature and analytical use of spatial information. Laboratories impart the technical aspects through hands-on experience with appropriate software.

Prerequisites: Minimum grade of C- in one of EASC 100, EASC 101, EASC 102, or ANTH 206.

EASC-225**Introduction to Geomorphology****3 Credits**

This course introduces students to geomorphology - the study of landforms and landscape-shaping processes. Fluvial, glacial, periglacial, slope, and aeolian landforms and processes are examined. A special emphasis is placed on Alberta's landscape and the geomorphology of the Late Cenozoic, especially the Quaternary Period. Central to this course is fieldwork in Edmonton's river valley.

Prerequisites: Minimum grade of C- in EASC 100 or EASC 101.

EASC-226**Introduction to Soil Science****3 Credits**

This course examines the fundamental aspects of soil formation and soil occurrence in natural landscapes. Physical, chemical, mineralogical, and biological properties of soils are emphasized, and how these properties relate to plant growth and environmental quality. Identification of soils is practiced and estimates of their performances in both natural and agricultural ecosystems are analyzed. **Note:** A 100-level chemistry course is strongly recommended.

Prerequisites: Minimum grade of C- in EASC 100, EASC 101, EASC 102 or ANTH 206.

EASC-230**Invertebrate Paleontology****3 Credits**

This course addresses principles and problems associated with paleontology in areas such as origin of life, evolution, mass extinction, paleoecology, functional morphology, biogeography and biostratigraphy. There is a systematic coverage of invertebrate fossils, including microfossils, Porifera, Cnidaria, Brachiopoda, Bryozoa, Mollusca, Echinodermata, and Arthropoda. Labs promote recognition of fossils and their attributes.

Prerequisites: Minimum grade of C- in EASC 103 or EASC 105.

EASC-238**Geology of Natural Resources****3 Credits**

This course consists of the geological study of the major types of economically important metallic and nonmetallic ore minerals and energy resources. Basic processes which form and concentrate these materials in the Earth are examined. Various methods of exploration and mining of the resources are detailed. Alberta's coal and petroleum resources are emphasized. Environmental effects of the production and use of mineral and energy resources are discussed.

Prerequisites: Minimum grade of C- in EASC 101.

EASC-270**The Atmosphere****3 Credits**

This course provides an introduction to atmospheric science, weather, and climate. Topics include the composition and vertical structure of the atmosphere, humidity and clouds, atmospheric dynamics, circulation, weather systems, weather forecasting and maps, atmospheric boundary layer, and climate dynamics. Training for reading and interpreting weather maps, and modeling atmospheric processes is provided. **Note:** MATH 114 is recommended.

Prerequisites: A minimum grade of C- in any 100-level Physical Sciences course, or in BIOL 107 or BIOL 108.

EASC-271**The Oceans****3 Credits**

Covering nearly three quarters of the Earth's surface, the oceans play a fundamental role in the Earth system. This course provides an overview of the discipline of oceanography, as well as highlighting the importance of the oceans within a global context. The course examines the physical, chemical, biological, and geological properties of the oceans. Topics include the origins of the oceans, the physical and chemical properties of seawater, water mass structure and chemistry, the physical structure of ocean basins and marine provinces, ocean circulation, wave and tide dynamics, ocean sediments and sedimentary records, biological oceanography and primary productivity, and the role of, and consequences for, the oceans in a changing climate. Furthermore, relevant methods in oceanographic research and data analysis are discussed and applied within the laboratory component of this course. Emphasis is placed on the interdisciplinarity of oceanography, alongside the linkages of the oceans to other spheres of planet Earth, including the atmosphere, biosphere, hydrosphere, and cryosphere. EASC 271 includes an optional field trip to a coastal area.

Prerequisites: A minimum grade of C- in EASC 101, EASC 102, or EASC 103.

EASC-320**Introduction to Geochemistry****3 Credits**

This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and will cover topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans.

Prerequisites: Minimum grade of C- in EASC 219 and CHEM 102 or a minimum grade of C- in CHEM 232.

EASC-321**Structural Geology and Tectonics****3 Credits**

The globe has been shaped by enormous forces that have created mountains and oceans and destroyed continents. In this course, students will learn to interpret geologic maps and cross sections, calculate the stress and strain involved in creating faults, folds, and joints, as well as those involved in orogenies, rift formation, and other crustal tectonics.

Prerequisites: Minimum grade of C- in EASC 225 and in one of PHYS 108, PHYS 124, or PHYS 144.

EASC-322**Introduction to Biogeochemistry****3 Credits**

Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science.

Prerequisites: A minimum grade of C- in CHEM 232, CHEM 261 or CHEM 270, and in EASC 226, EASC 270 or EASC 271. **Note:** Credit cannot be obtained in both EASC 322 and CHEM 322.

EASC-324**Quaternary Environments****3 Credits**

This course offers an introduction to the Quaternary Period. It provides a broader context for studying modern environmental phenomena and delivers an overview of the key techniques and proxies used in reconstructing Quaternary environmental histories. The course situates the Quaternary within a broad history of Earth's climate, discussing Quaternary glaciations and conditions during and since the last Ice Age in detail. This course also reviews the methodologies used to reconstruct past conditions, focusing on how these methods are used as windows into the past. The course concludes with the detailed examination of several Canadian case studies using the latest research and environmental reconstructions, such as (but not restricted to) the glaciation and deglaciation of Alberta; Quaternary environmental change in the Canadian Arctic Archipelago; and the paleoenvironments of Beringia. The laboratory classes give hands-on experience with basic environmental reconstruction methodologies.

Prerequisites: Minimum grade of C- in one of EASC 208, EASC 225 or ANTH 206.

EASC-330**Igneous, Sedimentary, and Metamorphic Petrology****3 Credits**

This course highlights Earth's chemistry, the chemistry of minerals, the chemistry of rocks in different environments, and physical processes in the context of mineral stability and different rock chemistry. There are three main regimes in which rocks form: igneous (from a molten rock material that originated in the interior of the Earth), sedimentary (from weathering of rocks on the Earth's surface and lithification of loose sediment), and metamorphic (when rocks get exposed to different temperature/pressure regimes within the Earth). Hands-on laboratory exercises provide professional skills for complete mineral and rock identification, and interpretation of rock textures using hand lens, petrographic microscope, and chemical analyses.

Prerequisites: A minimum grade of C- in EASC 219, or in both EASC 101 and either CHEM 232 or PHYS 224.

EASC-334**Planetary Surface Imaging****3 Credits**

Satellite imagery is being used more and more frequently to assess everything from oil spills to fire hazards, from mining potential to archaeology, from water on Mars to methane lakes on Titan. In this course, students learn to interpret images from several different satellite and airborne instruments for applications in geology, environmental studies, urban planning, mining, archaeology, forestry, and planetary science.

Prerequisites: Minimum grade of C- in EASC 221, EASC 225, or ANTH 206.

EASC-373**Anthropogenic Climate Change****3 Credits**

This course provides an advanced examination of the natural physical processes that have driven the global climate system in the past and present. It focuses in particular on how humans are interfering with the climate system and the potential future consequences. It further provides an introduction to simple on-line computer models of the climate system.

Prerequisites: Minimum grade of C- in EASC 208 or EASC 270.

EASC-375**Paleoclimatology****3 Credits**

This course provides an extensive overview of the methods used in paleoclimate research and an in-depth examination of important climate events since the Late Proterozoic, with a concentration on the Late Mesozoic and Cenozoic. Aspects of creating paleoclimate reconstructions, climate effects on geological and biological processes, and the modeling of present climate and extrapolation to past and future climates are emphasized.

Prerequisites: Minimum grade of C- in EASC 324, or in both EASC 103 and either EASC 208 or EASC 270.

EASC-495**Special Topics****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics in Earth and Planetary Science. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Earth and Planetary Science area for details regarding current offerings. **Note:** this course is intended for students in the final year of their degree. This course may be taken twice for credit.

Prerequisites: Minimum grade of B- in a 300-level Earth and Planetary Science course and permission of the department.

EASC-498**Independent Research****3 Credits**

In this course, students will plan, execute and report the results of an independent research project in chemistry under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the research project. **Note:** This course is intended for students in the final year of their degree. This course can be taken twice for credit.

Prerequisites: A minimum grade of B- in a 300-level Earth and Planetary Science course relevant to the proposed research.

ECDV-101**Healthy Environments for Early Learning and Care****3 Credits**

In this introductory course, students explore the components of quality early childhood settings. Attention is paid to relevant legislation, regulation, standards and appropriate practices in environments for young children. Selected types of programs for early learning and care are examined. The role of the early childhood educator in creating healthy safe environments for children and their families is discussed. Students reflect on the personal attributes of the early childhood professional.

ECDV-102**Curriculum I: Creative Expression in Early Learning and Care****3 Credits**

Students explore the creative curriculum in programs for early learning and care. They select, plan and implement creative experiences to support the development of literacy, numeracy/math, art, music and dramatic play. Age and developmentally appropriate curriculum and planning concepts including planning for child centred play experience are introduced. The importance of aesthetics in an early learning environment is introduced. The early learning teacher's role and the child's role in curriculum development are explored. Students collect and use resources to support the creative curriculum in early childhood settings.

ECDV-110**Child Development I****3 Credits**

In conjunction with ECDV 160, this course provides the students a basic understanding of the growth and development of young children. The focus is on developing a sensitivity to children and the world in which they live, based on historical and current perspectives. Course content includes current and emergent theories and their influence on creating a developmental framework for understanding the study of children. The impact of diversity, culture and lifestyle on child rearing and identity formation is discussed. Students use techniques for observing children's behaviours and documenting developmental outcomes.

ECDV-115**Communications I: Interpersonal Competencies****2 Credits**

This is the first of three courses in an integrated communications stream that support students' personal and professional development. Focus is on identity information as affected by socialization processes, diversity issues and the role of culture for children and adults. An introduction to developing team concepts and team processes with a view to developing skills in nurturing positive interactions is considered. An emphasis is placed on developing safe, supportive verbal and emotional environments for successful learning for children and adults. A theoretical base for communication is introduced.

ECDV-120**Field Placement I****3 Credits**

This is the first of four field placement courses designed to support the student's progressive development of skills. Field placement provides students with the opportunity to blend theory from classes with practice in early childhood settings. Students are mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus in this first field placement is on focused observation of, and thoughtful interaction in, children's play and learning; on developing beginning skills in planning, and on demonstrating professional attitudes by being responsible, cooperative and thoughtful.

Prerequisites: ECDV 101, ECDV 102, ECDV 110 and ECDV 115. *Co-requisites:* ECDV 125.

ECDV-125**Integration Seminar I****1 Credit**

This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term I is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.

Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115. *Co-requisites:* ECDV 120.

ECDV-155**Curriculum II: Learning Through Play****3 Credits**

In this course, students explore the nature and development of play in the lives of children. Students learn how to research, organize and prepare meaningful and aesthetic play experiences and play spaces to enhance learning and development in early learning and care settings. Through active exploration, students gain a personal appreciation of the value and functions of play, an understanding of the importance of organization and presentation of materials for play, and their role as adult facilitators. A primary focus is working with preschool children.

Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125, and ENGL 111 or consent of the department.

ECDV-160**Child Development II****3 Credits**

In conjunction with ECDV 110, the course provides students with a basic understanding of the growth and development of young children. The focus is on recognizing typical milestones across all developmental domains, and building on theories of child development presented in ECDV 110. Diversity issues are discussed. Observation techniques are used to document children's development and to make recommendations for programming. Students discuss how cultural values impact child rearing practices. The effects of abuse and resilience in development are discussed.

Prerequisites: ECDV 101, ECDV 102, ECDV 115, ECDV 120, ECDV 125. Minimum grade of C in ECDV 110.

ECDV-165**Communications II: A Constructivist Approach to Child Guidance****3 Credits**

This is the second of three courses in an integrated communications stream that support students' personal and professional development. There is focus on developing skills and strategies for guiding children's behaviour in developmentally responsive and supportive ways. Knowledge of child development assists students to understand the issues and techniques presented, and the importance of fostering a strong sense of self and identity. The difference between discipline and guidance is discussed. Students have opportunities to practice communication and guidance skills that support positive interactions with children. Strategies for supporting children with challenging behaviours are introduced.

Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125. *Co-requisite:* ECDV 160.

ECDV-170**Field Placement II****3 Credits**

This is the second of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students begin to demonstrate effective communication skills and guidance strategies with young children, and continue to develop skills for observing children and planning for safe and interest based play experiences to meet individual and group needs.

Prerequisites: ECDV 155, ECDV 160, ECDV 165 and ECDV 210, plus a minimum grade of C in ECDV 120 and ECDV 125. *Co-requisites:* ECDV 175.

ECDV-175**Integration Seminar II****1 Credit**

This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term II is integrated with practical field experiences. Seminar focuses on recognized early learning and care practices across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.

Prerequisites: ECDV 155, ECDV 160, ECDV 165 and ECDV 210 plus a minimum grade of C in ECDV 120 and ECDV 125. *Co-requisites:* ECDV 170.

ECDV-201**Curriculum III: Planning for Early Learning and Care****3 Credits**

This course focuses on the principles of constructivism, emergent curriculum and inclusive planning in early learning and care environments. Students gain an understanding of, and practice in using a planning cycle for play-based early learning experiences that integrate literacy, numeracy, social studies, science and fine arts. Students document children's learning. Collection and use of resources for planning are emphasized.

Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175 and ECDV 210.

ECDV-210**Family-Centered Practice****2 Credits**

Students learn to understand and support the diverse range of families. Students are encouraged to explore their own family experience as a starting point for understanding the diversity of family values, beliefs, lifestyles and needs. The course draws on theory in family dynamics, family systems and communications.

Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125 and ENGL 111.

ECDV-220**Field Placement III****3 Credits**

This is the third of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students focus on developing relationships with families, increased responsibility for the daily functioning of the program including more in-depth planning and observation skills, and demonstrate a commitment to professional growth.

Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175. *Co-requisites:* ECDV 225.

ECDV-225**Integration Seminar III****1 Credit**

This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term III is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.

Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175. *Co-requisites:* ECDV 220.

ECDV-230**Communications III: Working in Professional Teams****2 Credits**

This is the third of three courses designed to support personal and professional communication skills. Students gain an understanding of the nature of professional teams and the skills required for successful practice in teams. Context based learning assists the student to apply theory, and develop skills and strategies in working with families and in interdisciplinary and workplace teams. A focus on values, ethics and diversity issues guides discussion of effective problem solving models.

Prerequisites: ECDV 155, ECDV 160, ECDV 210, ECDV 170 and ECDV 175. Minimum grade of C in ECDV 165.

ECDV-250**Foundations of Early Childhood****2 Credits**

Students look at current issues in the field of early childhood development from the view of a reflective practitioner. The course focuses on selected historical philosophers and educators who have shaped present early childhood theory, practice, materials/equipment, and who raised issues still relevant. Contemporary models of early childhood programs and the role of research are examined. Students review a code of ethics and apply it to their practice with families and children. Professional resources, further education and professional associations are presented to assist students in establishing a professional development plan.

Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV-255**Child Development III****3 Credits**

Child Development III extends the principles of Child Development I and II. This course provides students with opportunities to identify and examine the needs of children with developmental challenges, with attention to inclusive principles. Students have regular opportunities to observe and relate to a child with delays or deviations in development. The course is an introduction to the field of exceptionality and is designed to heighten awareness rather than train specialists.

Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV-260**Family and Community Issues****3 Credits**

This course looks at the family from a societal perspective, with the intention of deepening participants' understanding of the families with whom they will be working and their awareness of issues concerning families. The focus is on the ecology of the family with particular emphasis on family policy, economic issues and the social safety net, power and violence, gender issues, children's rights/parent's rights and advocacy. Capacity building and strengths based approaches are presented as strategies to support families and develop resiliency.

Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210.

ECDV-270**Field Placement IV****3 Credits**

This is the fourth of four field placement courses designed to support the student's progressive development of skills.

Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this final field placement, students apply early childhood best practice knowledge to support children's learning and development. The student will be prepared for entry to professional practice.

Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225. *Co-requisites:* ECDV 275.

ECDV-275**Integration Seminar IV****1 Credit**

This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor.

Students bring experience in different field placement settings to group discussion in seminar. Field placement issues are discussed and class learning in Term IV is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care.

Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225. *Co-requisites:* ECDV 270.

ECDV-280**Infant and Toddler Care and Development****3 Credits**

In this course, students review developmental stages and milestones for infants and toddlers. Implications of current neurodevelopmental research on early learning and care settings are discussed. The importance of responsive and caring interactions and the adult's role in planning and providing play and learning environments and experiences is addressed. Students develop strategies for supporting families and respecting diversity. Students gain an understanding of their roles in supporting infant and toddler social and emotional development.

Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 210, ECDV 170 and ECDV 175.

ECDV-285**Curriculum IV: Theories of Early Learning****3 Credits**

Building on previous curriculum courses, this course emphasizes theories and curriculum models for early learning and care that arise from a constructivist framework. Reflective practice extends the understanding of the professional's role in planning for early learning based on theoretical perspectives and an understanding of the importance of diversity and inclusion. Students explore a range of early learning assessment tools, techniques and practices.

Prerequisites: ECDV 201, ECDV 230, ECDV 260, ECDV 280, ECDV 220, ECDV 225.

ECON-101**Introduction to Microeconomics****3 Credits**

This course will provide an introductory investigation to supply and demand analysis; the theory of production, costs, and price determination under competitive and non-competitive market conditions. Emphasis is given to the Canadian Economy.

ECON-102**Introduction to Macroeconomics****3 Credits**

Following a brief introduction to the discipline of economics, this course provides an introductory investigation of national income determinations, monetary and banking systems, and fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, exchange rates and international trade are analyzed. Emphasis is given to Canadian issues.

ECON-212**Economic Aspects of the European Union****3 Credits**

This course focuses on the study of economic policies in the European Union (EU). Though the ideas of trade liberalization and economic integration are as old as economics itself, the ongoing process of integrating Europe is one of the most exciting experiences in human history. The European experience of economic, political, legal, and social integration is a unique opportunity to learn how these processes work and what their dangers are. This course concerns the economic foundations of the Union, as well as current issues.

Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-213**Introduction to Economics of Developing Countries****3 Credits**

This course is a survey of case studies from developing countries that focuses on the major approaches to, and problems of, economic development. It emphasizes issues relating to the concept and history of development; development strategies; poverty; population growth; trade, growth, macroeconomic management and globalization; role of institutions in development; linkages between environment and development; savings and investment; and foreign aid.

Prerequisites: Minimum grade of C- in ECON 102.

ECON-281**Intermediate Microeconomics****3 Credits**

Microeconomics aims at explaining phenomena such as changes in relative prices, but it is much more than that: it provides methods for making educated decisions in our day-to-day lives. To that end, it uses a set of principles, a reasoning framework, and a few mathematical models expressed in functions, equations, and graphs. Knowledge of algebra at a high-school level is strongly recommended.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-282**Intermediate Macroeconomics****3 Credits**

Students will explore topics such as models of price, interest rate, output, and employment determination; the impact of fiscal, monetary, and supply shocks; open economy macroeconomics with fixed and flexible exchange rates, and prices as well as international capital mobility.

Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-289**Introduction to Mathematical Economics****3 Credits**

This course introduces students to mathematical framework for economic analysis. It examines the fundamental techniques of functions, matrix algebra, differentiation and integration in relation to their application to the concepts to economic analysis. This course cannot be taken for credit if credit has already been obtained in MATH 114.

Prerequisites: A minimum grade of C- in ECON 101.

ECON-290**Economics at Work: Reasoning and Writing in Economics****3 Credits**

Students review the tools of economic reasoning and use them to analyze a variety of micro- or macro-economic issues from an individual's perspective. Instruction emphasizes high student engagement both in class and with home assignments. Reading and writing economics materials are both means and ends of this course.

Prerequisites: Minimum grade of C- in 6 ECON credits.

ECON-299**Quantitative Methods in Economics****3 Credits**

An introduction to the use of mathematical and statistical methods in economics. Economic problems serve as exercises and examples of how such methods can be used. **Note:** This course is designed for students in the Economics major. Students in a program other than the Economics major require the consent of the department prior to registration.

Prerequisites: Minimum grade of C- in ECON 101, MATH 114 and in one of STAT 151 or STAT 161.

ECON-319**Contemporary Canadian Economic Issues****3 Credits**

This course examines contemporary Canadian economic issues in relation to macroeconomic performance, monetary and fiscal policies, trade liberalization, environmental management and policies, industrial policies, social policies and regional development. The debates and policies related to contemporary economic aspects of these issues are discussed.

Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-323**International Economics****3 Credits**

This course examines the principles underlying the international economy in both trade and finance. Emphasis is placed on the determination of trade patterns, comparative advantage, trade and tariffs, and the macroeconomic effects of exchange rate changes. **Note:** Students who have taken ECON 421 or ECON 422 for credit cannot receive credit for this course.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-335**Urban Economics****3 Credits**

This course explores how economic forces influence development of cities in the spatial, social and economic dimensions, cause cities to grow or shrink, affect urban problems such as poverty, crime and congestion, make urban housing markets to work, and shape taxation and spending policies of governments.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-341**Money and Banking****3 Credits**

An analysis of the role of money and credit in the exchange process; the savings - investment process; commercial banking; financial intermediaries; financial markets; central banking and regulations of financial institutions.

Prerequisites: Minimum grade of C- in ECON 102.

ECON-350**Economics of Public Expenditure****3 Credits**

This course analyzes public expenditure policies and other issues involved in the provision of public services. The key topics include: public goods, externalities, public choice, fiscal federalism, healthcare, education, and public pensions.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-353**Taxation Policy and Structure****3 Credits**

This course is designed to introduce students to the basic structure of a tax system and various tax policy issues. Particular attention is paid to the Canadian tax structure and its role in attaining certain goals of society. The key concepts in this course include tax incidence, economic effects of taxes, and tax policy design.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-355**Economics of Project Evaluation****3 Credits**

This course covers the use of cost-benefit analysis and other economic methods in evaluating private and public investment projects with examples from transportation, river basin management, electrical generation, and oil and gas.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-357**Topics in Applied Economics****3 Credits**

This course focuses on the economic aspects and related policy issues of selected areas such as; health and health care, labour, sports, and law. Topics vary and are announced prior to registration. Consult with faculty members in Economics for details regarding current offerings.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-365**Resource Economics****3 Credits**

This course examines the issues involved in the production of exhaustible and renewable natural resources, including exploration, extraction, and taxation; scarcity and pricing; and contemporary Canadian resource policy issues.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-366**Energy Economics****3 Credits**

This course examines the economics of producing and consuming energy, pricing, role in economic growth, energy sources and markets, the role of government, regulation and other energy policy issues.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-369**Economics of the Environment****3 Credits**

This course examines economic growth and the deterioration of the environment, types and causes of environmental deterioration, theory, policy, and measurement relating to environmental deterioration, and current Canadian environmental topics.

Prerequisites: Minimum grade of C- in ECON 101.

ECON-373**Industrial Organization****3 Credits**

This course presents a survey of the theories of behaviour and performance of firms under different market structures, game-theoretical concepts applied to the study of strategic behaviour in the market, case studies, and Canadian antitrust policy and practice.

Prerequisites: Minimum grade of C- in ECON 281 and MATH 113.

ECON-384**Microeconomic Theory****3 Credits**

This course examines extensions and applications of microeconomic topics such as inter-temporal choice, uncertainty, game theory, externalities, public goods, asymmetric information, and general equilibrium. Recommended to students who wish to deepen their understanding in microeconomic theory and analytical skills in using microeconomic models.

Prerequisites: Minimum grade of C- in ECON 281 and MATH 114.

ECON-385**Macroeconomic Theory****3 Credits**

Building on Intermediate Macroeconomics, students examine government budget constraint and public debt; neoclassical growth theories; theories of aggregate consumption; investment, money demand and money supply.

Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON-389**Mathematical Economics****3 Credits**

This course focuses on mathematical techniques used to set and solve economic problems. Topics include principles and applications of total and partial differentiation, comparative static analysis, constrained and unconstrained optimization, linear inequalities, convexity, programming, other mathematical theories of interest in modern economics.

Prerequisites: Minimum grade of C- in ECON 281, ECON 282, MATH 114 and MATH 120.

ECON-399**Introductory Econometrics****3 Credits**

This course provides an elementary treatment of major topics in econometrics with emphasis on applied regression methods, econometric model building and applications, introduction to, and practice of empirical research methods; identifying topics, collecting data, and writing a research report.

Prerequisites: Minimum grade of C- in ECON 299.

COURSE DESCRIPTIONS

ECON-401

Field Placement

3 Credits

In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research, evaluation, management or analytical aspects of a project. **Note:** This course does not fulfill the 400-level requirement for the major and minor.

Prerequisites: Minimum grade of C- in ECON 299 and consent of the department.

ECON-403

Individual Study

3 Credits

This course permits a senior-level student to work with an instructor to explore a specific economic topic in depth through directed reading and research using primary and secondary sources.

Prerequisites: A minimum grade of C- in ECON 281 and ECON 282 and ECON 299 and consent of the department.

ECON-414

Development Economics

3 Credits

This course focuses on economic models of growth and development in developing countries. Topics include poverty and inequality, population dynamics, the role of agriculture, industry, saving and investment, fiscal and macro policies, international trade and globalization in structural transformation of developing countries as well as the various approaches to development planning.

Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON-421

International Trade

3 Credits

The course focuses on: nature and relevance of international trade; early trade doctrines; the theory of comparative advantage; classical and modern approaches and empirical evidence of them; new approaches to the pure theory of international trade; economic growth and international trade; market imperfections and trade; commercial policy; economic integration and the gains from trade.

Prerequisites: Minimum grade of C- in ECON 281 and MATH 114.

ECON-422

International Payments

3 Credits

This course examines these macroeconomic topics: the types of international transactions, macroeconomics in an open economy, exchange rates, balance of payments adjustments, and issues within the international monetary system.

Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and MATH 114.

ECON-441

Monetary Theory and Policy

3 Credits

In this course, students examine formal modeling of money and recent developments in monetary economics, including inflation tax and the optimum quantity of money. Key topics include term structure of interest rates, money and economic activity, rules versus discretion in monetary policy, and the role of financial deregulation.

Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and MATH 113.

ECON-442

Economics of Financial Markets

3 Credits

The central topics covered in this course include the measurements of risk, hedging and speculation, market microstructure, asset pricing and market equilibrium.

Prerequisites: Minimum grade of C- in ECON 281, STAT 141, and MATH 113.

ECON-467

Environmental and Natural Resource Policy

3 Credits

The course focuses on the relationships between economic activities, environment and ecosystem; designing, implementing, managing and evaluating domestic, regional and global policy issues related to environmental, renewable and non-renewable resources.

The course also discusses Canadian environmental problems and critically analyzes the policies used to address those problems.

Prerequisites: Minimum grade of C- in MATH 114, ECON 281 and ECON 365 or ECON 366 or ECON 369.

ECON-481

Advanced Microeconomic Theory

3 Credits

This honours level course is an advanced microeconomics study of producer and consumer theory, general equilibrium and welfare economics, and selected topics.

Prerequisites: Minimum grade of C- in ECON 384 and ECON 389 or consent of the department.

ECON-482

Advanced Macroeconomic Theory

3 Credits

This course explores modern macroeconomic theory including theories of business cycles and growth, microfoundations of macro models, government budget constraints, expectations formation, the open economy and representative agent optimizing models.

Prerequisites: Minimum grade of C- in ECON 384 and ECON 385.

ECON-490**Economic Analysis: A Capstone Seminar****3 Credits**

Students use their understanding of economic theory and quantitative knowledge to investigate in depth an economic issue. In a structured environment, they learn how to analyze economic problems, find solutions and write reports. They also practice how to formally discuss critique and evaluate other economic reports and publications.

Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and ECON 399. ECON 399 may be taken as a co-requisite (or concurrently) with the consent of the department.

ECON-499**Applied Econometrics****3 Credits**

This course covers topics that are beyond the scope of ECON 399, such as panel data models, instrumental variables, limited dependent variables, and simultaneous equations. The learning method is substantially based on computer lab work. The theory behind each econometric method studied in this course is provided only as much as necessary for the sound understanding of the respective method.

Prerequisites: Minimum grade of C- in ECON 399.

ECRP-131**Call Processing/Radio Communications****3 Credits**

Students examine the basics of call processing and radio communications. The course includes theory, technical language, and the application of equipment used in emergency and non-emergency communication centres. Students practice call-taking, radio communications, and dispatching skills.

Co-requisite: ECRP 141.

ECRP-141**Emergency Communications I****3 Credits**

The theory and techniques of call taking and dispatching as applied to police, fire, and medical communications are examined. The role of the emergency communicator in a mission critical environment is discussed. A focus on managing resources and callers is included. Skills in call taking and dispatching are practiced through role playing and simulated laboratory experiences.

Prerequisites: ECRP 131. May also be taken as a Co-requisite.

ECRP-151**Emergency Communications II****3 Credits**

Theory and techniques of call taking and dispatching as applied to police, fire, and medical emergency communications are examined in detail. An overview of the history and organizational structure of police, fire and medical services as well as the interrelationship of these services in responding to a critical incident is examined. An emphasis on deployment principles and protocols is included. Skills are developed in call taking and dispatching of multiple incidents through role playing and simulated laboratory experiences.

Prerequisites: ECRP 141.

ECRP-161**Emergency Planning****2 Credits**

This course focuses on the stages involved in planning, preparation, and management of a response to an emergency, disaster, or crisis situation with emphasis on the role of the emergency communicator. Natural and man-made disasters, risk analysis, and emergency management plans are examined.

ECRP-171**Field Placement****2 Credits**

This course provides the student with related practical field experiences. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.

Co-requisites: ECRP 172.

ECRP-172**Integration Seminar****1 Credit**

This course integrates theory and practice by linking the knowledge, skills, and values gained in the classroom through discussions of issues experienced in the field placement. The focus is on professional practice, ethical decision making and work expectations in a team environment. Integration seminar is taken concurrently with ECRP 171 - Field Placement.

Co-requisites: ECRP 171.

ECRP-181**Document Processing in Emergency Communications****1 Credit**

Students explore the variety of tools, documents and reports commonly used within an emergency communications centre. Students create, format and use various documents and reports such as call logs and protocols. Quality improvement and quality assurance tools utilized within a communications centre are examined.

EDFX-200**Introduction to the Profession of Teaching****3 Credits**

This course explores the complex roles of teachers as professionals in contemporary schools. Through classroom experiences, students become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work.

EDPY-200**Educational Psychology for Teaching****3 Credits**

This course deals with the teaching-learning process and student behaviour. It includes theory, research, and illustrations, all dealing with the classroom application of psychological principles. Topics typically covered are student development, student learning and instruction, individual and group differences in student abilities, and student motivation. The course presents the basic principles of effective teaching and learning using a balanced theoretical orientation.

COURSE DESCRIPTIONS

EDUC-100

Contexts of Education

3 Credits

This course explores the complex nature of teachers and the teaching profession. Students become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work by examining teachers' interactions with systems and school policies. This course accentuates topics such as: diversity and inclusive practice, shaping learning environments, school and societal cultures, assessment, and professional conduct.

EDUC-210

Introduction to Educational Technology

3 Credits

This course examines frameworks, trends, issues and scenarios on the role of technology in education. Students gain hands-on experience of using technology, with a special emphasis on strategies for integrating technology into the school curriculum. Students may not receive credit for both EDUC 210 and EDIT 202.

ENCP-100

Computer Programming for Engineers

3.8 Credits

This course covers the fundamentals of computer programming with emphasis on solving engineering problems. Topics include: programming language syntax data types, statements, arrays, control structures, loops, functions, data structures, and files. **Note:** This course is restricted to Engineering students.

ENGG-100

Orientation to the Engineering Profession I

1 Credit

This course provides an introduction to engineering disciplines and the engineering profession. Topics explored include engineering disciplines, student success, work opportunities and job functions, professional development, engineering and society, ethics, and professionalism. Note Restricted to Engineering students.

ENGG-101

Orientation to the Engineering Profession II

1 Credit

This course provides an introduction to the engineering profession and its challenges. Career fields, professional responsibilities of the engineer, ethics, and concepts of sustainable development and environmental stewardship are explored. **Note:** Restricted to Engineering students.

ENGG-130

Engineering Mechanics - Statics

4 Credits

Equilibrium of planar systems is presented in this course. The course also provides an introduction to the analysis of statically determinate trusses and frames, explores the concept of friction, and introduces the concept of centroids and centres of gravity. Topics also include forces and moments in beams and second moments of area. **Note:** Restricted to Engineering students.

Prerequisites: Pure Mathematics 30, Mathematics 31, Physics 30.

ENGL-010-1

English 10-1

5 Credits

This course is an introductory academic stream study in the following: the short story, the essay, the novel, modern drama, Shakespearean drama, poetry, language skills including reading, writing, representation, speaking, listening and viewing. Critical and interpretative skills are emphasized through the understanding and appreciation of literature. This course is equivalent to Alberta Learning's English 10-1.

Prerequisites: Grade 9 Language Arts or equivalent.

ENGL-010-2

English 10-2

5 Credits

English 10-2 is an introductory non-academic stream course. It focuses on the study of literature and emphasizes the development of language skills including reading, speaking, writing, listening, viewing and representing. This course emphasizes development of oral and written communication skills, reading for enjoyment and personal growth, and language skills for the everyday world. Basic grammar and sentence building are reviewed. This course is equivalent to Alberta Learning's English 10-2.

Prerequisites: Grade 9 Language Arts or equivalent.

ENGL-020-1

English 20-1

5 Credits

This course builds upon the skills and concepts developed in English 10-1. Emphasis is placed on analytical skills through the detailed study of literature, including: the short story, the essay, the novel, modern drama, Shakespearean drama, and poetry. This course is equivalent to Alberta Learning's English 20-1.

Prerequisites: ENGL 010-1 or equivalent.

ENGL-020-2

English 20-2

5 Credits

English 20-2 is an intermediate non-academic stream study of literature emphasizing the development of language skills including reading, speaking, writing, listening, viewing, and representing. This course is equivalent to Alberta Learning's English 20-2.

Prerequisites: ENGL 010-2 or equivalent.

ENGL-030-1

Senior Academic English

5 Credits

The goals of English 30-1 are to provide an advanced study in the academic stream of literature. This study includes the following genres: the short story, the essay, the novel, Shakespearean drama, poetry and either a modern drama or a film study. Language arts skills, including reading, writing, speaking, viewing, listening and representing, are covered with the literature in thematic units. Intensive analytical and interpretive skills are emphasized along with the refinement of formal writing skills.

Prerequisites: ENGL 020-1 or equivalent.

ENGL-030-2**Senior Non-Academic English****5 Credits**

The goals of English 30-2 are to provide an advanced study in the non-academic stream of literature. This study includes the following genres: the short story, the essay, drama, film, poetry and the novel. Language art skills, including reading, writing, speaking, listening, viewing and representing, are emphasized. A variety of literature is studied in thematic units. As well, a unit focuses on employment skills. Primary focus in this course is placed on comprehensive and clear communication.

Prerequisites: ENGL 020-2 or equivalent.

ENGL-086**ELP for University - Reading and Writing****5 Credits**

This course is intended to provide intensive English reading and writing preparation for post secondary studies. The course challenges the advanced student to complete authentic assignments and master advanced level material in English. An integrated approach is used in which students practice reading and writing skills. Independent thinking is encouraged through questions for analysis following readings. The focus of the course is on a wide range of academic content and extensive practice in English. Test taking strategies and study skills are also included. Information is presented to students in forms that challenge their language abilities. As in university courses, readings present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their English.

Prerequisite: EAL Placement Test (Reading/Writing 86) or IELTS 5.5 or TOEFL iBT 70 or CAEL 60 or Minimum B- in ERDW 084 and minimum B- ESPL 083.

ENGL-087**ELP for University - Listening and Speaking****5 Credits**

ELP for University - Listening and Speaking is intended to provide intensive English listening and speaking preparation for post secondary studies. The course challenges the advanced student to listen to authentic lectures, documentaries and other high level material in English. Independent thinking is encouraged through questions for analysis following lectures. The focus of the course is on a wide range of academic content and extensive practice in English. Information is presented to students in forms that challenge their language abilities. The information is often intentionally controversial in order to stimulate discussion. As in university courses, lectures present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their oral English skills.

Prerequisite: EAL Placement Test (Speaking/Listening 85) or IELTS 5.5 or TOEFL iBT 70 or CAEL 60 or Minimum B- in ESPL 084 and minimum B- in ERDW 083.

ENGL-102**Analysis and Argument****3 Credits**

This course helps students to develop the academic writing skills they use throughout their university studies. The essay is the most important genre in this course, but students may also study works from other genres. By analyzing, summarizing, synthesizing, and critiquing a variety of texts, students learn how to develop their own analyses and arguments with appropriate and correctly documented primary and secondary sources. A thorough review of grammar and sentence structure is a key component of this course. **Note:** Students should not register in more than one first-year English course per term.

ENGL-103**Introduction to Literature****3 Credits**

Building on the writing skills students developed in ENGL 102: Analysis and Argument, ENGL 103 continues to develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of literary texts. In addition to a minimum of one play, novel, or novella, students analyze works from other literary genres. With this exploration of the variety and forms of literature, ENGL 103 covers the basics of literary analysis, research and reading skills imperative to all university disciplines.

Prerequisites: Minimum grade of C- in ENGL 102.

ENGL-104**Introduction to Indigenous Literature****3 Credits**

ENGL 104 seeks to develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of specifically Indigenous literature. Students analyze works by Indigenous writers from various literary genres, with additional cultural opportunities built into the course, such as opportunities to meet with elders, participate in ceremonies, and so on. These opportunities expand the contextualization of the literature and give students a unique sense of the connection between literature and a distinct community. ENGL 104 covers the basics of literary analysis, research and reading skills imperative to all university disciplines. **Note:** Students should not register in more than one first-year English course per term.

ENGL-108**Introduction to Language and Literature****3 Credits**

This course combines instruction in writing with the study of the essay and the short story. Students may also study other forms of literature such as articles, poems, and drama. This course aims to increase students' appreciation of literature and to give them practice in academic writing. This course is not to be taken by students in Arts, Science, or Education. **Note:** Students should not register in more than one first-year English course per term.

ENGL-111**Communications****3 Credits**

This course aims to help students improve all their communication skills: writing, reading, speaking, and listening. The main emphasis, however, is on writing skills. Students write an expository and a persuasive essay, summarize written text, and apply principles of clear and correct writing to their own compositions. Students learn research and documentation strategies and strengthen and expand their writing skills so that they can write more effectively for a variety of audiences and purposes. Students may choose from a number of delivery options that include classroom and online sections. Notes: 1) This course is for students in Certificate and Diploma programs; 2) Students should not register in more than one first-year English course per term. 3) This course cannot be used to meet the requirements of the BA or BSc degrees.

ENGL-132**Discovering Tradition: English Literature from its Beginnings to 1660****3 Credits**

This course demonstrates the development and flourishing of British literature from its very beginnings in the Old English period to the Restoration, introducing students to representative works and authors of the major periods of British literature up to the mid-seventeenth century. Because ENGL 132 and ENGL 133 provide students with a solid foundation in the history and development of English literature and lay the foundation for the further academic study of literature, they are strongly recommended for students intending to major or minor in English. English 132 and 133 satisfy 6 literacy credits for the Bachelor of Arts Degree. **Note:** Students should not register in more than one first-year English course per term.

ENGL-133**Discovering Modernity: English Literature from 1660 to the Present****3 Credits**

This course is a continuation of ENGL 132, covering the major works and authors in British literature from the seventeenth century to the present, illustrating the variety and complexity of this literature during centuries of rapid growth and change. Because ENGL 132 and ENGL 133 provide students with a solid foundation in the history and development of English literature and lay the foundation for the further academic study of literature, they are strongly recommended for students intending to major or minor in English. English 132/133 satisfies 6 literacy credits for the Bachelor of Arts Degree. Notes: Students cannot receive credit for both English 133 and English 103. Students should not register in more than one first-year English course per term. *Prerequisites:* Minimum grade of C- in ENGL 132.

ENGL-199**Writing for Engineers****3 Credits**

This course is designed to develop the student's ability to write expository, analytical, technical, and persuasive prose. Instruction and practice are integrated with the study of prose models drawn from modern essayists. A review of basic grammar is included. **Note:** This course is restricted to students in University Transfer Engineering. *Prerequisites:* Acceptance into the Engineering Transfer Program.

ENGL-205**Rhetoric and Textual Analysis****3 Credits**

English 205 is an introduction to the rhetorical tradition and to the fundamental ways in which rhetoric has informed English literature and literary criticism. The devices and schemes of rhetoric--from the level of the sentence to that of overall argument--give shape to both writing and thinking about writing. Students learn to write analytically about the rhetoric of texts and cultural artifacts in various modern settings. The course stresses the development of analytic skills that are central to the study of literature.

Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.

ENGL-207**Sentence Style and Textual Analysis****3 Credits**

English 207 is an introduction to the fundamental elements of Modern English in relation to the art of sentence writing. Students explore the relation between style and grammar in a variety of contexts and learn to write analytically about the elements of sentence style in modern texts as well as to parse and edit their own sentences. The course stresses the development of analytic skills that are central to the study of literature.

Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.

ENGL-211**Business Communication****3 Credits**

This course focuses on effective problem-solving approaches in business writing. Letters, memos, emails, and reports, often presented in case study formats, aid in developing expertise in gathering and analyzing data, writing with a clear sense of purpose, and writing with a reader's needs clearly in mind. Although the principles of clear, concise business communication are covered, the main emphasis is on practical applications of these concepts. **Note:** This course is for students in Certificate and Diploma programs. *Prerequisites:* ENGL 111.

ENGL-214**Creative Writing****3 Credits**

This is a workshop course, designed to encourage students to experiment with a variety of forms and styles of short fiction and poetry. The focus is on helping each student to produce a polished portfolio of creative work. This enterprise is accomplished within a context of learning about the nature of creativity and the craft of writing. Students will study the work of established writers and participate in giving and receiving constructive feedback in a collegial workshop setting. **Note:** This course is for students in career programs.

ENGL-215**Sports in Literature****3 Credits**

This course explores the intersection of literature, sports, and culture. Students read a selection of sports-themed literature across a variety of genres, including novels, graphic novels, short stories, poetry, literary journalism, biography, autobiography, and film. Selected texts represent a diverse range of sports and approaches.

Prerequisites: Minimum grade of C- in English 103 or in six credits of university English.

ENGL-219**Readings-Speculative Fiction****3 Credits**

This course introduces students to a representative sampling of science fiction and fantasy. Students will examine the way these two genres emerge from the broader category of speculative fiction in the late nineteenth century and then develop into a host of subgenres during the twentieth and twenty-first. From classics in early science fiction and fantasy to contemporary cyberpunk and steampunk, the course explores the style and function of fiction that speculates on worlds both possible and impossible.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-240**The Bible as Literature****3 Credits**

From the Middle Ages to the present, writers have incorporated allusions to both the Hebrew Bible and the New Testament to enrich their texts. A grasp of the significance of these allusions deepens a reader's understanding and appreciation of many of the major works in English literature. This course focuses on prominent texts in the Bible such as Genesis, the Book of Job, Ecclesiastes, the Gospels, Revelation, and selected psalms and proverbs.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-243**Genesis of English Literary Forms: Old English to late Renaissance****3 Credits**

This course is an introduction to genres and literary forms that emerged during the early development of English Literature. Students read a selection of texts from the Old English through late Renaissance periods and are introduced to literary analysis at a level beyond the first-year level. Potential texts include Beowulf, Piers Plowman, and the Towneley plays, as well as the writings of people like Gower, Marlowe, Donne, and Spenser. Students also learn how to write analytically about literature.

Prerequisites: Minimum grade of C- in English 103 or in six credits of university English.

ENGL-282**Introduction to the Short Story****3 Credits**

This course is an introduction to the main generic elements of the short story. Students read a selection of stories from the mid-nineteenth through early twenty-first centuries and are introduced to the basics of narrative theory. Students also learn how to write analytically about fiction. **Note:** Not to be taken by students with credit in the former English 206.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-283**Introduction to the Novel****3 Credits**

In this course, students study the main generic elements of the novel in English. Students read landmark novels from the eighteenth through twenty-first centuries and are introduced to the basics of narrative theory. Students also learn how to write analytically about novels.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-284**Introduction to Drama****3 Credits**

In this course, students read a selection of plays from the last two and a half thousand years. This is a genre course in drama, introducing students to the diverse forms of dramatic literature (mostly from the Western canon) and to a number of major playwrights. The course focuses on elements of dramatic structure, aesthetics, and genre, within the context of theatre history and cultural history more broadly. Students will learn how to write analytically about plays and playwrights.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-285**Introduction to Poetry****3 Credits**

In this course, students read a selection of mostly short English poems from the last thousand years. This is a genre course in poetry; it approaches the very broad and historically malleable genre of poetry through the basic elements of poetic language and form. Students also learn how to write analytically about poems. **Note:** Not to be taken by students with credit in the former English 293.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-286**Introduction to Literary Non-Fiction****3 Credits**

In this course students study various forms of literary non-fiction, such as the memoir, the personal/familiar essay, biography, travel literature, and literary journalism. Selected works are drawn from across a range of national literatures and time periods, with an emphasis on modern texts. Students are introduced to the basics of narrative theory and key theoretical issues related to literary non-fiction. Students also learn how to write analytically about literary non-fiction.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-288**Introduction to Film Narrative****3 Credits**

In this course, students study the main generic elements of narrative in film. Students are exposed to those aspects of cinematic storytelling that cannot be adapted by or from other media (such as the novel) while also exploring film's various inheritances and influences.

Prerequisites: Minimum grade of C- in English 103 or in six credits of university English.

ENGL-297**Academic Essay Writing****3 Credits**

ENGL 297 aims to increase students' ability to write and understand non-fiction expository prose, including academic writing. Students study style and rhetoric, the relationship between form and content, the theory and practice of composition, and the processes of revision to improve their academic writing skills. This is not a remedial course in grammar or in basic essay writing skills, though there may be some review of these matters; rather, the class focuses on honing students' expository writing and critical reading, writing, and analytical skills. Revising, editing, and essay workshopping may constitute a significant component of class time. While specific writing assignments may vary from section to section, all students write a total of 6000 words, including at least one in-class essay. A major research assignment may also be included. There is no final examination. **Note:** Not to be taken by students with credit in ENGL 299.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-299**Academic Essay Writing for Education Students****3 Credits**

ENGL 299 is designed to increase Education-bound students' ability to write and analyze non-fiction expository prose, including academic writing. Readings and topics are chosen with the interests and needs of Education-bound students in mind. The course focuses on the study of style and rhetoric and their application to students' writing and on the relationship between content and form in non-fiction writing. This is not a remedial course in grammar or writing, though there may be some review of these matters; rather the class focuses on honing students' expository writing and critical reading, writing, and analytical skills. Both in and out of class, students write a total of at least 6,000 words. Students write at least one in-class essay. There is no final exam. **Note:** Not to be taken by students with credit in English 297.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-307**The History of the English Language****3 Credits**

This course traces the history of English from its ancient Indo-European and Germanic roots to the Early Modern Period. By examining representative texts from Old, Middle, and Early Modern English, students learn how English spelling, pronunciation, grammar, vocabulary, and syntax have evolved. English 307 stresses the development of analytic skills that are central to the study of literature.

Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.

ENGL-319**Earlier Medieval English Literature****3 Credits**

This course examines the poetry and prose of one of the longest, richest, and most significant periods of English literature. From the world of Beowulf to the Anglo-Norman court, from Old English epic and elegy to early medieval lyric and romance, the themes and forms from this period have reverberated throughout English literature and inspired countless writers down to our own time, including Tolkien and Lewis. Students read most works in translation, although some early Middle English works may be read in the original. *Prerequisites:* A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-320**Later Middle English Literature****3 Credits**

This course focuses on the literature of fourteenth and fifteenth-century England by examining a selection of poetry, prose and drama from one of the richest periods of English literature. From tales of chivalry to Arthurian adventure; romance to religious mysticism; lyrical love poetry to witty satire and bawdy humour, this period has near-unrivalled diversity and depth and is crucial for understanding much of how English literature develops in subsequent centuries. Students read most works in the original Middle English.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-324**Chaucer****3 Credits**

This course focuses on the works of Geoffrey Chaucer, one of the greatest poets in English literature. Chaucer's place in English literature is central; his poetry in its rich diversity has influenced writers in English from Shakespeare to Tolkien. The Canterbury Tales are justly considered his masterpiece, but just as accomplished and equally influential are the early dream visions and the great love poem Troilus and Criseyde. Despite the passage of time, Chaucer's works in their humour, compassion, and beauty remain fresh, accessible, and, in many ways, surprisingly contemporary.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-336**Studies in Shakespeare****3 Credits**

This course introduces students to the range and depth of Shakespeare's drama through the attentive reading of a variety of plays. Comedies, histories, tragedies, and romances allow students to understand Shakespeare's thought and the dramatic genres in which he wrote. **Note:** Not to be taken by students with credit in the former English 239 or 338.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-337**Topics in English Renaissance Literature****3 Credits**

This course is a senior-level course that examines Renaissance literature through a more detailed study of a particular topic. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, genre-based approaches (such as Renaissance Drama excluding Shakespeare or the Englishing of the Sonnet), thematic approaches (such as the status of women or the portrayal of mental illness) or specialized topics (such as the portrayal of political conflict in 16th-century political pamphlets, religious themes in metaphysical poetry, or sexuality in Cavalier literature). For specific information on the current offering, contact the English Department.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-340**Studies in 17th Century English Literature****3 Credits**

The seventeenth century was a period of revolution and remarkable literary experimentation. The decades between 1600 and the restoration of the monarchy experienced dramatic social change, religious upheaval, a regicide, scientific discovery, and expanding colonization of the "New World." This period also produced some of the most influential works of English literature. The course examines a representative range of poetry and prose by writers as diverse as Donne, Jonson, Marvell, Herbert, Wroth, Bacon, Bunyan, Behn, Hobbes, Burton, Cavendish, Walton, and Winstanley.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-341**Augustan Literature****3 Credits**

Students study the authors, works, and genres that were predominant in the Augustan Age and broader Neoclassical Period, between 1660 and 1785. This course includes a selection of drama, fiction, essays, and poetry by eighteenth-century writers such as John Dryden, Alexander Pope, Jonathan Swift, Lady Mary Wortley Montagu, and Samuel Johnson.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-342**Topics in the Long 18th Century Literature****3 Credits**

Students focus on a single topic in eighteenth-century literature, such as a particular genre (drama, poetry, the novel, prose), author, group of authors, region, or theme. For detailed information about the current course offering, please consult the English Department.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-348**Milton****3 Credits**

This course examines the achievements of John Milton, in both prose and in verse. The course primarily focuses on the major works of Milton: *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*, but it also examines a select number of Milton's minor poems and prose works.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-350**Topics in Romantic Literature****3 Credits**

Conventionally book-ended by the French Revolution in 1789 and the beginnings of modern democratic reform in 1832, the Romantic period in Britain was a time of intense social and political upheaval. This course acquaints students with the diverse literature of the period in relation to its complex and volatile literary, intellectual, and historical contexts. Each iteration of this course focuses on a single topic within Romantic literature, such as a single genre, theme, or generation of authors. The specific topic and approach depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-352**Early Victorian Literature****3 Credits**

In the literature of this earlier Victorian period marked by energetic and momentous change, writers conveyed a multitude of doubts about religious faith and changing gender roles, while also voicing moral quandaries about class privilege and imperial rule. This course explores selected fiction, poetry, and non-fiction (from 1832 to 1870) in the context of the dominant ideological concerns which show Victorians as self-consciously modern and engaged in vigorous self-scrutiny.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-353**Later Victorian Literature****3 Credits**

This course focuses on the late nineteenth-century reaction to the aesthetic, religious, and sexual mores of the preceding "high" Victorian period. The closing century's apocalyptic tenor finds expression in metaphors and themes of the period's literature, concerns embodied discursively in response to the New Imperialism, the New Woman, and the Aesthete or Decadent. The course looks at selected fiction, poetry, and non-fiction (from about 1860-1900) in the context of contemporary cultural anxieties about social upheaval, gender crisis, and moral turmoil, the dialectic of change enacted in Pre-Raphaelitism and the Aesthetic and Decadent movements of the 1890s.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-358**19th Century American Literature****3 Credits**

This course is a study of representative literary texts from the period by a variety of major authors. Novels, poetry, and essays are all represented. Authors include some of the following: Philip Freneau, J. F. Cooper, J. R. Lowell, E.A. Poe, R.W. Emerson, Margaret Fuller, Henry Thoreau, Frederick Douglass, Nathaniel Hawthorne, Herman Melville, Harriet Beecher Stowe, Walt Whitman, Fanny Fern, Emily Dickinson, Henry James, William Dean Howells, Mark Twain, Henry Adams, Kate Chopin, Stephen Crane, Frank Norris, and Paul Laurence Dunbar.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-361**Early 20th Century American Literature****3 Credits**

In this course, students study representative American texts spanning from the early twentieth century to the cold war. A broad range of early to mid-twentieth century genres is considered – e.g., novels, short stories, poems, plays, and films. The works are analyzed closely and placed within their historical and cultural context – especially the wars and development of “the American Century.” Students are exposed to authors as varied as Chesnutt, Lowell, Larsen, Dreiser, Eliot, Faulkner, Moore, Hemingway, Hurston, Stein, Wharton, Ellison, and O'Connor.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-362**Contemporary American Literature****3 Credits**

In this course, students study representative American texts spanning from the Cold War to the present moment. A broad range of late-twentieth and twenty-first century genres are considered – e.g., novels, short stories, poems, plays, comics, and films. The course focuses on narrative innovations as well as the persistence of traditional American styles in a rapidly changing social, cultural, and ideological environment. Students are exposed to authors as varied as Ginsberg, Barth, Plath, Reed, Brooks, Pynchon, Barthelme, Kingston, Erdrich, Morrison, Acker, Mamet, Franzen, Miller, Tarantino, Eggers, and Danielewski.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-364**Topics in 20th and 21st Century Literature****3 Credits**

By maintaining a focus on a single topic related to literary and narrative production in the twentieth and twenty-first centuries, this course allows students to supplement ENGL 361, ENGL 362, ENGL 365, ENGL 366, ENGL 376, & ENGL 381. Each iteration of the course is organized around a single author, group of authors, genre, region, or theme. The specific topic and approach, in any given year, depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-365**Early 20th Century British & Anglophone Literature****3 Credits**

This course involves a close study of representative British and Anglophone texts from the first half of the twentieth century, the modernist period. A broad range of genres is considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Mulk Raj Anand, W. H. Auden, Elizabeth Bowen, Joseph Conrad, Ford Madox Ford, E. M. Forster, Christopher Isherwood, Henry James, James Joyce, Hugh MacDiarmid, D. H. Lawrence, Dorothy Richardson, Jean Rhys, George Bernard Shaw, Evelyn Waugh, and Virginia Woolf.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-366**Contemporary British and Anglophone Literature****3 Credits**

This course surveys representative British and Anglophone texts from the second half of the twentieth century and beyond. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. These works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Martin Amis, Julian Barnes, A. S. Byatt, Anthony Burgess, Angela Carter, Ian Fleming, Seamus Heaney, Tony Harrison, Kazuo Ishiguro, Hanif Kureishi, Doris Lessing, David Lodge, Hilary Mantel, Ian McEwan, Iris Murdoch, V. S. Naipaul, Harold Pinter, Salman Rushie, Zadie Smith, Muriel Spark, and Tom Stoppard.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-374**Early Canadian Literature****3 Credits**

This course involves a close study of representative Canadian texts from the beginnings of Canadian literature through first half of the twentieth century. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Students study Canadian authors from a variety of backgrounds.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-376**Contemporary Canadian Literature****3 Credits**

This course covers key developments in Canadian culture and literary works during this period when our literature came of age. Major authors achieved international acclaim, a rich diversity emerged in literary themes and forms, and marginalized narratives of class, race, gender, and the environment moved to the literary centre. These developments occurred against the backdrop of the maturing of Canada into one of the globe's most peaceful and economically stable multicultural nations.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-381**Post-Colonial Literature****3 Credits**

This course involves close, critical study of literature stemming from geographical areas that have experienced colonization. While its main focus is on national literatures of the ex-colonies of the British Empire and the empires of continental Europe, the course also studies the key texts of the authors, descending from the imperial core, who are responding to the colonial ambitions of their time. The analysis of these works is comparative, cross-cultural, and involves the perspective of Post-Colonial literary theory. The themes examined include the power relationship between the centre and the periphery, the marginalization and othering of colonial subjects, the question of belonging, the commemoration of colonial past and the move beyond it, as well as the historical linkages between colonialism and neo-colonialism, expressed in new forms of imperialism and persistence of colonial mindsets today.

Prerequisites: A minimum grade of C- in English 102 and 103 or in 6 credits of university English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-389**Topics in Children's Literature****3 Credits**

This course offers various studies in the realm of Children's literature. Individual iterations of the course can focus on classics of children's literature, folktale and children's literature, or the child in literature. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-391**Topics in Literary Theory****3 Credits**

By focusing on a broad theme or topic associated with literary and cultural theory, this course encourages students to consider the way in which theoretical debates inform the practice of narrative production and study. In any given iteration of the course, students are exposed to a broad range of primary texts by influential theorists—e.g., Plato, Aristotle, Marx, Freud, Kristeva, Mulvey, Said, Butler, Hayles, and Žižek. Each iteration also functions as both an historical survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation. The specific topic and approach is, in any given year, dependant on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: A minimum grade of C- in 6 credits of 200 or 300 level university courses.

ENGL-392**Topics in Race and Gender****3 Credits**

By focusing on a broad theme or topic, this course allows students to look closely at the way in which issues of race and/or gender inform and are informed by narrative representations. While students may consider theoretical debates associated with problems of race or gender, the course concerns itself primarily with literary works that engage in, run alongside, or frustrate those debates. Each iteration of the course is organized around a single, author, group of authors, genre, period, locale, and/or theme. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-394**Theories of Writing and Poetics****3 Credits**

This course focuses on theories developed by creative writers about the process and function of literary practice. Beginning with some of the earliest rationalizations and definitions of the literary arts, the course exposes students to a wide range of manifestos, defences, apologies, and treatises by influential writers – e.g. Horace, Dryden, Coleridge, Poe, Stein, Woolf, Eliot, Achebe, and Barth. This course is both an historical survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation. Students encounter and examine the various recurrent themes, or problems, that underlie the literary artist's conception of his or her own artistic practice: from the social function and/or justification of literature to the rules and restrictions of prosody.

Prerequisites: Minimum grade of C- in 3 credits of 200 or 300 level English courses.

ENGL-398**Independent Study****3 Credits**

This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

Prerequisites: Permission of instructor.

ENGL-401**Studies in Genres****3 Credits**

This course gives students the opportunity to focus on a single genre or to compare two or more genres. Because genre is such a fluid term, the works studied and approach to genre will depend in any given year on the interests and expertise of the instructor. The course could, for example, focus on a specific type of poem, such as the sonnet or the dramatic monologue, on a specific type of novel such as the gothic novel or the bildungsroman, on a specific type of drama, such as Restoration Comedy, or on a specific type of non-fiction, such as the essay or biography. Alternatively, students could focus on a genre such as satire and study a variety of types of satiric literature that could include poems, essays, stories, novels, and drama.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-402**Studies in Authors****3 Credits**

This course focuses on the works of a single author. In any given year, the author studied and the approach to the works depends on the interests and expertise of the instructor. Through a close examination of the works of a single author, students get a better sense of the social and cultural context in which the author lived and worked. Students also strengthen their knowledge of how the central ideas and techniques of the author developed and changed.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-403**Honours Thesis Project****3 Credits**

This course gives fourth-year English Honours students the opportunity to write a substantial research paper of 5000-7500 words and to deliver a conference-length version of that paper before an audience in a formal setting. Students will have regular consultations with their supervisor during this project, usually once per week during the term or twelve hours total. **Note:** English 403 is a degree requirement for Honours English students. Students must be in the final year of an Honours English program or obtain consent from the Chair of the Department of English.

ENGL-405**Topics in Canadian Literature****3 Credits**

This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Canadian literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-481**Post-Colonial Theory and Practice****3 Credits**

This course surveys the key works in post-colonial theory, validating the status of post-colonial literature as a vibrant segment of contemporary writing in English. Seminal thinkers and significant scholars such as Frantz Fanon, Edward Said, Aimé Césaire, Gayatri Chakravorty Spivak, and Robert Young are covered. Postcolonial theory is meaningfully used as a tool for in-depth analysis of major primary texts, representing various regions, political perspectives, and cultural affiliations. While most of the works studied are written in English, postcolonial texts translated into English may be included. Authors such as Chinua Achebe, Salman Rushdie, Nadine Gordimer, Arundhati Roy, V.S. Naipaul, and Ahdaf Soueif are studied.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-489**Literary Themes, Traditions, and Phenomena****3 Credits**

This course gives students the opportunity to study works that deal with a single theme, such as the outsider or decadence; or works that exemplify a single tradition, such as naturalism or the Arthurian tradition; or works that exemplify a particular phenomenon, such as imagism or literary forgeries.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-491**Early and Later Middle English****3 Credits**

This course gives students the opportunity to study in more detail one or more authors and/or genres of Early and Later Middle English. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-492**Elizabethan/17th Century Literature****3 Credits**

This course gives students the opportunity to study one or more authors and/or genres of Elizabethan and seventeenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-493**Restoration/Eighteenth Century Literature****3 Credits**

This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Restoration and eighteenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level English courses.

ENGL-494**Nineteenth Century Literature****3 Credits**

This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of nineteenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level English courses.

ENGL-495**Twentieth Century Literature****3 Credits**

This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twentieth-century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300- level English courses.

ENGL-496**Intersections - Theory and Culture****3 Credits**

Focused on the ways in which critical theory exposes, critiques, and/or participates in literary and cultural movements, this course provides students with the opportunity to study critical theory within the context of the cultural trends it defines and exemplifies. Sections could be organized around any number of topics, including (but not limited to) the rise and fall of deconstruction, the death of the author, communal individuality, hypertext and post humanity, race and performativity, literary Marxism, the text and the unconscious, discourse and power, postmodern subjectivities, and the ethical turn.

Prerequisites: A minimum grade of C- in ENGL 267, 391, 392, 393, or 394 and in 9 credits of 200- or 300-level English courses.

ENGL-497**Twenty-First Century Literature****3 Credits**

This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twenty-first century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author/s studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.

Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-498**Advanced Independent Study****3 Credits**

This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

Prerequisites: Consent of the Department.

ENPH-131**Engineering Mechanics - Dynamics****4.3 Credits**

This is a calculus based course intended for engineering students. It is an introduction to the kinematics and dynamics of particles. Topics include kinematics, dynamics, systems of particles, work and energy, linear momentum, rotational motion, angular momentum, gravitation and an introduction to the dynamics of rigid bodies. **Note:** Restricted to engineering students. Credit can be obtained in only one of PHYS 108, PHYS 124, PHYS 144 or ENPH 131.

Prerequisites: Minimum grade of C- in MATH 100 and ENGG 130.

EOPT-060**Pronunciation I****5 Credits**

Pronunciation I is intended for students at the high beginning to low intermediate level. The course covers segments, word stress, intonation in statements and questions, contractions and linking, as well as strategies for comprehensibility and checking for comprehension. A variety of speaking tasks ranging from informal to formal presentations give students an opportunity to develop confidence and fluency.

Prerequisite: EAL Placement Test (Speaking/Listening 81 or 82).

EOPT-061**Pronunciation II****5 Credits**

Pronunciation II is intended for students at the high intermediate to advanced level. The course covers the concept of timed stress, specific types of stress, pausing, and intonation rules in various acts of speech, as well as strategies for comprehensibility and checking for comprehension. A variety of speaking tasks ranging from informal to formal presentations give students an opportunity to refine their oral English.

Prerequisite: EAL Placement Test (Speaking/Listening 83) or Minimum B- in ESPL 082.

EOPT-064**Academic Vocabulary I****5 Credits**

Academic Vocabulary I is intended for students at the intermediate level who need to expand their academic vocabulary for further studies. It introduces the 400 most frequently used word families from the Academic Word List (not all of which will be new to the students). A variety of activities and strategies are used to help students integrate new vocabulary into their daily language use.

Prerequisite: EAL Placement Test (Reading/Writing 81).

EOPT-065**Academic Vocabulary II****5 Credits**

Academic Vocabulary II is intended for students at the advanced level who need to expand their academic vocabulary in preparation for further study. It introduces 400 word families from the Academic Word List. A variety of strategies and activities are used to help students integrate the new vocabulary into their daily language use.

Prerequisite: EAL Placement Test (Reading/Writing 83) or Minimum B- in ERDW 082 and minimum B- in ESPL 082.

EOPT-066**Grammar I****5 Credits**

Grammar I is intended for students at the low intermediate to intermediate level. It covers simple and progressive tenses, declarative, negative and interrogative sentences, word forms/word families and word order in simple, compound and some complex sentences. Students learn to use correct grammatical forms in both spoken and written English.

Prerequisite: EAL Placement Test (Reading/Writing 81).

EOPT-067**Grammar II****5 Credits**

Grammar II is intended for the high intermediate to advanced student. It covers complex sentences, clauses and phrases, passives and perfect tenses. Word order and correct word forms in complex structures will be emphasized.

Prerequisite: EAL Placement Test (Reading/Writing 83) or Minimum B- in ERDW 082 and minimum B- in ESPL 082.

EOPT-068**Research Writing****5 Credits**

This course prepares advanced level ESL students for post-secondary studies by taking them through all the stages of writing a research essay from topic development through writing, referencing and presenting the paper. The research component focuses on the university's library databases and other resources.

Prerequisite: EAL Test (Reading/Writing 84) or Minimum B- in ERDW 083.

ERDW-081**Intermediate Reading and Writing I****5 Credits**

Intermediate Reading and Writing I allows the students to develop reading skills through reading adapted text at the low intermediate level. They write with improved fluency and grammatical accuracy and prepare for further study. High frequency vocabulary from the Academic Word List is introduced.

Prerequisite: EAL Placement Test (Reading/Writing 81).

ERDW-082**Intermediate Reading and Writing II****5 Credits**

Intermediate Academic Reading and Writing II introduces short narratives on common topics of interest. Students learn to scan for details and interpret maps and tables.

Students also learn to take notes, organize information and use reference sources such as dictionaries. More vocabulary from the Academic Word List is introduced. Students write paragraphs and summaries.

Prerequisite: EAL Placement Test (Reading/Writing 82) or Minimum B- in ERDW 081.

ERDW-083**Advanced Reading and Writing I****5 Credits**

Advanced Reading and Writing I is intended to help students develop the reading and writing skills required to succeed in post-secondary education. The following reading skills are covered: skimming, scanning, predicting and summarizing. Paragraph and essay writing is covered in conjunction with a review of grammar. Most of the Academic Word List is introduced.

Prerequisite: EAL Placement Test (Reading/Writing 83) or Minimum B- in ERDW 082 and B- in ESPL 081.

ERDW-084**Advanced Reading and Writing II****5 Credits**

In Advanced Reading and Writing II, students develop reading and writing skills to a level which ensures their comprehension and interpretation of complex English texts and vocabulary. Grammatical accuracy is emphasized. Students are expected to practice note-taking and write summaries, essays and reports in a logical, well-organized manner. News items are analyzed for fact and opinion. Speed reading is also introduced. Academic vocabulary is enhanced and put into practice.

Prerequisite: EAL Placement Test (Reading/Writing 84) or Minimum B- in ERDW 083 and minimum B- in ESPL 082.

ERDW-085**Reading and Writing for Academic Purposes****5 Credits**

Reading and Writing for Academic Purposes is intended for students who require an academic level of English reading and writing for re-entry into a profession, entry into a high school upgrading program or entry into post-secondary education. Students access material and topics at a post-secondary and professional level. The course includes discussion and analysis of literary works in conjunction with the development of critical thinking skills and clarity of expression. Charts, graphs and non-fiction are studied and interpreted for content, opinion, bias and writing style.

Prerequisite: EAL Placement Test (Reading/Writing 85) or B- in ERDW 084 and B- in ESPL 083.

ESLG-057**IELTS Preparation I****5 Credits**

This course prepares students in the four skill areas of reading, writing, listening and speaking to achieve a score of at least 5 on the IELTS (International English Language Testing system) exam in language proficiency. After completing this course successfully, students should be ready to take the IELTS exam and/or continue on to IELTS Preparation II in order to achieve a higher level of proficiency.

Prerequisites: ERDW 083 AND ESPL 083, IELTS 4.5, iBT TOEFL 60 or CAEL 50 or equivalent.

ESLG-058**IELTS Preparation II****5 Credits**

This course is designed for students who are working toward a score of 6.5 or higher on the IELTS (International Language Testing System) exam. Students continue to practice the four skill areas of reading, writing, listening, and speaking in order to advance to a higher level of proficiency in English.

Prerequisites: ERDW 084 AND ESPL 084, IELTS 5.5, iBT TOEFL 70, CAEL 60 or equivalent.

ESPL-081**Intermediate Listening and Speaking I****5 Credits**

Intermediate Listening and Speaking I develops a level of oral fluency in English that allows students to be successful if they choose to pursue further academic studies. New vocabulary and sentence structures are practiced to encourage incorporation into the students' daily language use. New and interesting topics are introduced which provide a medium for learning to make requests, to give and understand directions and instructions, to ask for clarification and to talk about what they have learned.

Prerequisite: EAL Placement Test (Speaking/Listening 81).

ESPL-082**Intermediate Listening and Speaking II****5 Credits**

Intermediate Listening and Speaking II places emphasis on greater clarity of oral expression, the ability to comprehend oral instructions and messages, and the ability to paraphrase. Expansion of vocabulary and continuing development of accuracy in speaking tasks is essential at this level.

Prerequisite: EAL Placement Test (Speaking/Listening 82) or Minimum B- in ESPL 081.

ESPL-083**Advanced Listening and Speaking I****5 Credits**

In Advanced Listening and Speaking I, students develop a variety of oral skills required to complete post-secondary coursework successfully. Students participate in discussions based on reading or listening assignments and give short oral presentations. Grammatical accuracy in speaking is emphasized. Pronunciation/intelligibility strategies are addressed as required.

Prerequisite: EAL Placement Test (Speaking/Listening 83) or Minimum B- in ESPL 082 and minimum B- in ERDW 081.

ESPL-084**Advanced Listening and Speaking II****5 Credits**

In Advanced Speaking and Listening II, students develop their listening skills to be able to comprehend complex academic material such as university level lectures. Students are expected to participate in group discussions on highly complex topics, prepare and deliver well-researched oral presentations supported by PowerPoint presentations or other visual support. Grammatical accuracy and breadth of vocabulary are emphasized.

Prerequisite: EAL Placement Test (Speaking/Listening 84) or Minimum B- in ESPL 083 and minimum B- in ERDW 082.

ESPL-085**Listening and Speaking for Academic Purposes****5 Credits**

Listening and Speaking for Academic Purposes is intended for students who require academic level oral comprehension and fluency for post-secondary studies or high school upgrading. The course includes discussion and analysis of lecture and other high level listening material. A high degree of oral fluency with clear expression of complex ideas is expected in the course. Formal presentation skills are also developed.
Prerequisite: EAL Placement Test (Speaking/Listening 85) or Minimum B- in ESPL 084 and minimum B- in ERDW 083.

FNCE-113**Introduction to Quantitative Decision-Making****3 Credits**

Students are introduced to quantitative techniques commonly used in managerial decision-making. Students focus on the applications of these techniques to major decision-making areas of business including accounting, economics, finance, insurance, marketing, management, supply chain, and human resources. Topics include: the use of ratios, proportions, percents, and equations to solve business problems, simple and compound interest, analysis and interpretation of the time value of money, progressions and their applications in finance, linear programming and optimization, and break-even analysis.

FNCE-301**Introductory Finance****3 Credits**

Students are introduced to corporate financial decision-making concepts, tools and models for financial analysis. Financial policies are examined with a view to maximizing the value of the firm. Topics include financial markets, debt and equity financing, market efficiency, models for valuing stocks, bonds, risk measures, risk reduction, dividend policy, capital budgeting, and the valuation and selection of assets.
Prerequisites: ACCT 311 or ACCT 161 AND one of the following: FNCE 113 or MGTS 103 or STAT 151 or ACCT 215

FNCE-404**International Finance****3 Credits**

This course covers the concepts of international financial management in global business. Students learn how the foreign exchange and global financial markets operate, how currency risks and international financial investments can be managed, and how international trade may be financed. The key topics covered in this course include workings of the foreign exchange market, determination of foreign exchange rates, the forward exchange market, currency options, covered interest investment, the Eurocurrency market, methods of global debt financing, currency and interest rate swaps, and various methods of trade finance.
Prerequisites: FNCE 301.

FNCE-406**Valuation and Investment Decision****3 Credits**

This course provides students applied knowledge on project and enterprise valuation. Students learn how to conduct a complete project evaluation and enterprise valuation. The course has an integrated approach to valuation as it considers the relevant risks of the project and the mechanisms to hedge these risks; the financing decisions associated with the investment and its impact on firm value; and, the use of different valuation techniques (DCF, real options, comparables). The course is aimed at showing students the latest valuation practices used in the industry by illustrating the valuation principles in the context of realistic situations.
Prerequisites: FNCE 301 AND ACCT 322.

FNCE-498**Independent Studies in Finance****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of finance. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance finance knowledge or practice or create meaningful results. **Note:** This course may be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

FREN-111**Introductory French I****3 Credits**

This is a course for students with little or no previous background in French. Students learn basic French grammatical structures and a wide variety of vocabulary. Oral comprehension, speaking, reading and writing are all emphasized, and students are introduced to aspects of the French-speaking world. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in French 20 or equivalent cannot receive credit for this course.

FREN-112**Introductory French II****3 Credits**

In this sequel to FREN 111, students continue to develop their skills in oral comprehension, speaking, reading and writing, as well as their understanding of the French-speaking world. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in French 30 or equivalent cannot receive credit for this course.

Prerequisites: Minimum grade of C- in FREN 111 or successful completion of French 20 or equivalent.

FREN-211**Intermediate French I****3 Credits**

This course aims to strengthen the students' speaking, listening, reading and writing skills. It includes an extensive grammar review, and a cultural overview of the French-speaking world. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in French Language Arts 30 or equivalent cannot receive credit in this course.

Prerequisites: Minimum grade of C- in FREN 112 or successful completion of French 30 or equivalent.

FREN-212**Intermediate French II****3 Credits**

In this sequel to FREN 211, students continue to develop their speaking, listening, reading and writing skills and to expand their knowledge of grammar and culture of the French-speaking world. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in FREN 211.

FREN-297**Advanced French I****3 Credits**

This course aims to improve the students' oral communication and writing skills. Through practice in discussions and compositions based on themes from readings and films, students also expand their knowledge of vocabulary and grammar. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in FREN 212, successful completion of French Language Arts 30, or advanced placement.

FREN-298**Advanced French II****3 Credits**

In this sequel to FREN 297, students continue to improve their oral communication and writing skills and to expand their knowledge of vocabulary and grammar through practice in discussions and compositions. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in FREN 297.

FREN-321**French Culture and Civilization****3 Credits**

This course, taught in French, examines the main cultural characteristics of France through reading and discussion about French civilization. Emphasis is placed on historical events, philosophy, literature, and arts in France from late antiquity to modern times.

Prerequisites: Minimum grade of C- in FREN 298.

FREN-331**Advanced French Composition****3 Credits**

Taught in French, this course examines the practices of informal, formal and scholarly writing used in contemporary written French. The course objective is to refine students' writing skills by teaching them techniques and strategies for different types of writing while emphasizing how grammatical content and lexicon affect the expression of ideas.

Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN-341**Introduction to Translation****3 Credits**

This course is an introduction to the theory and practice of translation. It offers an overview of the theoretical concepts and strategies involved in translating from English to French, and provides translation practice with a variety of texts.

Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN-351**French Foundational Fiction****3 Credits**

A survey of French literature from its inception to the 20th century, this course examines selected works (prose, poetry and theatre) of France's major writers, periods and principle literary movements. Authors and their works are studied within their historical and cultural context to better understand their impact on and contribution to the development and evolution of French literature and the history of ideas. This course is conducted in French.

Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN-352**Enlightenment Literature****3 Credits**

This course is taught in French. Students examine French Literature produced during the age of Enlightenment up to the French Revolution. The readings cover the innovations of the Enlightenment and the political and social crises which ended the Ancien Régime. Students question the prejudices, superstitions, corruption and hierarchies of the period in exemplary literary texts.

Prerequisites: Minimum grade of C- in FREN 298.

FREN-353**French Theatre****3 Credits**

This course is taught in French. In this course students read and discuss French plays from dramatists of the seventeenth century to modern era. Students study social, political, historical and cultural contexts of the plays. Representations of class, gender, and the role of language are also considered. This course approaches theatre as text, dramaturgy, spectacle, and role-playing.

Prerequisites: Minimum grade of C- in FREN 298.

FREN-365**Topics in Francophone Literature****3 Credits**

In this course, students study a topic in francophone literature. The specific topic focuses on a significant period, tradition, theme, genre or school within francophone literature. The author(s) and work(s) chosen are analyzed and placed within their historical and cultural context. Topics vary and are announced prior to registration. Consult with faculty members in French for details regarding current offerings. This course is conducted in French.

Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

FREN-498**Advanced Independent Study****3 Credits**

This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

GENE-317**Genetics and Society****3 Credits**

This course examines select advances in genetics and molecular biology and their impact on society. Social, legal, political and ethical aspects are discussed, emphasizing a Canadian perspective. Contemporary issues related to these fields are examined in a historical context including reflection on potential implications for the future.

Prerequisites: Minimum grade of C- in BIOL 207.

GENE-369**Genetic Analysis of Bacteria****3 Credits**

This course provides an extensive survey of the principles of bacterial genetics, and the role bacteria and bacteriophages have played in the development of molecular genetics. Major topics include mechanisms of genetic exchange and genome plasticity in bacteria, and the properties of lytic and lysogenic bacteriophages. Key concepts are applied to experimental strategies for genetic mapping and mutational analysis. **Note:** Credit can only be obtained in one of GENE 270 or GENE 369. *Prerequisites:* Minimum grade of C- in BIOL 205 and in BIOL 207.

GENE-370**Genetic Analysis of Eukaryotes****3 Credits**

This course provides a survey of genetic analysis in select model eukaryotes. Strategies involving both classical genetic approaches and molecular methods for genetic screens, mutational analysis, and probing gene function in eukaryotes are presented.

Prerequisites: Minimum grade of C- in BIOL 205 and in BIOL 207.

GENE-400**Genome Organization****3 Credits**

This course is an introduction to the field of genomics. The organization and expression of the genetic material in both simple and complex model systems are examined. Genomic techniques including sequencing, microarray analysis, proteomics and bioinformatics are discussed. Attention is paid to the application of genomics to understanding biological phenomena.

Prerequisites: Minimum grade of C- in GENE 369 and in GENE 370.

GENE-404**Genetic Regulatory Mechanisms****3 Credits**

This course examines the molecular biology of the processes by which genes are expressed as the cellular phenotype. Emphasis is placed on similarities and differences between regulatory mechanisms in prokaryotes and eukaryotes. Transcriptional, post-transcriptional, translational and post-translational regulatory mechanisms are discussed.

Prerequisites: Minimum grade of C- in GENE 369 and in GENE 370.

GENE-418**Human Genetics****3 Credits**

This course examines the principles and methods of genetics as they relate to humans as individuals and in populations. Classical and modern approaches used in the identification and analysis of Mendelian, complex and chromosomal disorders are discussed with the contextual emphasis on the relationship between basic science and human disease. The relevance of advances in these areas of human genetics to the diagnosis and treatment of genetic diseases is examined.

Prerequisites: Minimum grade of C- in GENE 370.

GERM-111**Introductory German I****3 Credits**

German 111 is an introductory course for students with limited or no previous knowledge of German. It introduces the sounds of the language, an introductory suite of grammatical structures, tenses and concepts, an essential vocabulary set, as well as a basic linguistic comparison between English and German. Students develop an introductory level of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in German-speaking countries are also introduced. **Note:** Students with native or near-native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in German 30, 35 or GERM 100 or equivalent cannot receive credit for this course.

GERM-112**Introductory German II****3 Credits**

This course is a continuation of GERM 111 in which students improve the four language skills of listening, speaking, reading and writing, and broaden their cultural awareness of the German-speaking world. An additional and more challenging set of introductory grammatical structures builds upon the structures and forms acquired in German 111, and vocabulary is expanded to include a wider range of situations. **Note:** Students with native or near-native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in German 30, 35 or GERM 100 or equivalent cannot receive credit for this course.
Prerequisites: Minimum grade of C- in GERM 111.

GERM-211**Intermediate German I****3 Credits**

This course is designed to develop and strengthen oral comprehension, expression, reading and writing skills acquired in beginner-level courses through the use of authentic written, oral and visual materials. **Note:** Students with native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: Minimum grade of C- in GERM 112 or successful completion of German 30 or 35.

GERM-212**Intermediate German II****3 Credits**

This course is a continuation of GERM 211 and is designed to further develop and strengthen oral comprehension, expression, reading and writing skills acquired in GERM 211 through the use of authentic written, oral and visual materials. **Note:** Students with native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration.
Prerequisites: Minimum grade of C- in GERM 211.

GREK-101**Introductory Greek I****3 Credits**

This course introduces students to Classical Greek. Students learn the Greek alphabet, a core vocabulary and elements of Greek grammar. Students also read and translate simple Greek texts. **Note:** Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Greek 30 or 35 cannot receive credit for this course.

GREK-102**Introductory Greek II****3 Credits**

This course is a continuation of GREK 101. Students continue to study the elements of Classical Greek grammar, to acquire additional vocabulary and to read and translate simple texts. **Note:** Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Greek 30 or 35 cannot receive credit for this course.
Prerequisites: Minimum grade of C- in GREK 101.

HAPR-101**Bioacoustics of Human Hearing****3 Credits**

In this foundational course students learn how a normal auditory system functions, as a basis for working with people with hearing loss. Students learn about the acoustic and psychoacoustic properties of sound and how sound is measured, learn about the anatomy of the entire auditory system from the outer ear to the auditory cortex in the brain, and apply their knowledge of acoustics to the physiology of how sound is processed from entering the outer ear to being perceived as sound. Part-time HAPR students must take HAPR 101 in the student's first fall term in the HAPR program.

HAPR-102**Hearing Testing I****2 Credits**

Students experience simulated hearing loss and learn about the need for hearing testing. Students are provided with an overview of the hearing testing process, learn to use basic hearing testing equipment, and learn to use the standard forms that are used for reporting hearing test results. Students also learn about appropriate test environments and infection control measures, and how to maintain and troubleshoot hearing testing equipment. Through hands-on learning and reflective practice, students evaluate testing environments, explore audiometers, apply appropriate infection control measures, and complete calibration and troubleshooting activities. Part-time HAPR students must take HAPR 101 prior to HAPR 102, if HAPR 101 and HAPR 102 are not taken in the same term.

HAPR-103**Hearing Instrument Technology I****4 Credits**

Students learn about the basic components and characteristics of hearing aids, earmolds, and assistive devices, how to formally and informally evaluate hearing aid function, and how to care for and maintain hearing aids.

Through hands-on learning and reflective practice, students familiarize themselves with hearing aids and earmolds, assess hearing aid function, discuss hearing aid troubleshooting, minor repairs and modifications, make ear impressions, and apply appropriate infection control measures when working with hearing aids and earmolds. Part-time HAPR students must take HAPR 101 prior to HAPR 103, if HAPR 101 and HAPR 103 are not taken in the same term.

HAPR-104**The Aging Client****3 Credits**

Students explore the psychological, social and physical aspects of normal aging, and how the demographics of an aging population influence and impact society. Personal values and attitudes as well as those evident in government policies, community planning, and the health care delivery system are also examined.

HAPR-105**Customer Relations and Communications****3 Credits**

This course introduces students to the interpersonal skills required for providing high quality service to adult clients who have hearing loss. Students learn about the communication skills necessary for initiating and maintaining positive relationships, the impact of personality types on interpersonal communication, and management of interpersonal relationships. Students also examine their own communication skills, learn communication concepts, and develop and practice the specific interpersonal communication and customer relations skills required for success as a hearing aid practitioner.

HAPR-108**Business Management****3 Credits**

This course introduces students to the various administrative functions required to establish and manage a hearing aid dispensing practice. Students learn how and why small businesses are successful in Canada. Students also conduct market research and develop marketing plans, learn about business operations and costs, and develop business and financial plans.

HAPR-110**Hearing Disorders****2 Credits**

Students learn to interpret and classify the results of hearing testing. Students also learn about hearing disorders and medical conditions, and their associated hearing test results. **Note:** This course is taken concurrently with HAPR 111 (Hearing Testing II).

Prerequisites: HAPR 102 and a minimum grade of C- in HAPR 101. *Co-requisites:* HAPR 111.

HAPR-111**Hearing Testing II****4 Credits**

Students learn about case history interviews, otoscopic examinations, air and bone conduction pure-tone tests, speech tests, and masking procedures. Students also learn to interpret test results and make recommendations to clients. Through hands-on learning and reflective practice, students complete and record the results of case history interviews, otoscopic examinations, and the basic battery of hearing tests, while using industry-standard infection control measures. **Note:** This course is taken concurrently with HAPR 110 (Hearing Disorders).

Prerequisites: HAPR 102 and a minimum grade of C- in HAPR 101. *Co-requisites:* HAPR 110.

HAPR-112**Professional Responsibilities****3 Credits**

This course introduces students to the scope of practice for hearing aid practitioners, and the personal and business professionalism and ethics required for success as a hearing aid practitioner.

HAPR-114**Professional Practice****4 Credits**

In this intensive hands-on course, students integrate knowledge and skills learned in first-year program courses. Students demonstrate an understanding of the various components of hearing testing and the ear mold impression process and apply that understanding through practice, demonstration of skills and reflection.

Prerequisites: Minimum grade of C- in HAPR 103, HAPR 105, HAPR 110 and HAPR 111.

HAPR-201**Interviewing and Counselling****3 Credits**

Students are introduced to interviewing and counseling practices and procedures required for supporting clients in accepting and coping with hearing loss, and adjusting to and using hearing aids successfully.

HAPR-202**Aural Rehabilitation I****3 Credits**

In this introductory course, students learn about health promotion and the use of a team approach to providing hearing health care services and support to adults with hearing loss.

HAPR-203**Hearing Instrument Technology II****4 Credits**

The major focus of this course is on hearing aid programming and verification of hearing aid fittings, in preparation for fitting hearing aids. In the theory portion of the course, students learn about programming software for hearing aids, real ear measurements for verifying hearing aid fittings, completing and interpreting the results of soundfield testing, advanced hearing aid features and hearing aid troubleshooting. Through hands-on learning and reflective practice, students learn to program hearing aids, and verify hearing aid fittings with the use of real-ear measurement systems, while using industry-standard infection control measures.

Prerequisites: Minimum grade of C- in HAPR 114.

HAPR-204**Hearing Testing III****2 Credits**

In the theory portion of this final hearing testing course, students learn about immittance testing, special tests, test modifications, referral letters to physicians, and review the entire hearing testing process. In the mandatory lab at MacEwan University in Edmonton, students complete immittance testing, practice completing the standard test battery, complete a practical exam consisting of a full hearing test with a client, write referral letters to physicians, and discuss special tests that are not considered part of the standard test battery. **Note:** This course is taken concurrently with HAPR 211 (Hearing Instrument Technology III).

Prerequisites: Minimum grade of C- in HAPR 114.

Co-requisites: HAPR 211.

HAPR-210**Aural Rehabilitation II****3 Credits**

In this final aural rehabilitation course, students learn to incorporate aural rehabilitation and communication strategies into practice with individuals and groups, with a specific focus on the older population.

Prerequisites: HAPR 202.

HAPR-211**Hearing Instrument Technology III****4 Credits**

In the theory portion of this final hearing instrument technology course, students learn to select and order appropriate hearing aids for adult clients, to support clients when they first receive their hearing aids and on an ongoing basis, and to evaluate the success of hearing aid fittings. In the mandatory lab at MacEwan University in Edmonton, students review the characteristics of current hearing aids and fitting software, learn about specific hearing aids and fitting software used by professionals in hearing aid dispensing clinics, and review procedures that clients and hearing aid practitioners complete in order for clients to obtain and use hearing aids.

Note: This course is taken concurrently with HAPR 204 (Hearing Testing III).

Prerequisites: HAPR 203. *Co-requisites:* HAPR 204.

HAPR-212**Field Placement****4 Credits**

Students integrate knowledge and skills from all previous program courses as they complete seminar activities and work with clients in hearing aid dispensing clinics, under the direct supervision of experienced hearing aid dispensing professionals.

Prerequisites: Minimum grade of C- in HAPR 104, HAPR 108, HAPR 112, HAPR 201, HAPR 204, HAPR 210, and HAPR 211.

HEED-110**Introduction to Personal Health and Well-Being****3 Credits**

An individual-based analysis of physical fitness and personal health and wellness. Emphasis is on planning and managing one's own lifestyle for health and well-being within the context of the current health care system.

HEED-220**Introduction to the Biological Aspects of Fitness to Health****3 Credits**

A biological analysis of the contributions of physical activity and exercise to fitness and long term health. Emphasis is on the introduction of training principles, health related components of physical fitness exercise and physical activity guidelines, and the application of these concepts for determination of physical fitness, individual long term health outcomes, and preventable disease.

HIST-100**Introduction to History****3 Credits**

This course introduces students to the practice of history and the methods by which historians research and think about the past using selected topics in world history as a foundation for study. In learning about each topic, students are encouraged, through practical exercises and assessment strategies, to think historically and to acquire the essential research skills which underpin history as a discipline. As well, questions are asked about the quality and authenticity of sources, the nature of historical causation, and the role of the historian in the evaluation and interpretation of evidence. Overall, this course is designed to hone students' critical abilities, interpretive skills, writing abilities and to stimulate intellectual curiosity through analysis of selected world history topics.

HIST-101**Foundations of the Modern World before c.1500 C.E.****3 Credits**

This course introduces students to what historians call the 'modern' world in the period between c.500 and 1500 C.E. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, intellectual exchange, religious movements, health, wellness and the environment, state and empire building, war, conquest and diplomacy, and the spread of disease, goods and ideas. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST-102**Foundations of the Modern World from 1500 C.E. to the Present****3 Credits**

This course introduces students to what historians call the 'modern' world in the period from the sixteenth century to the present. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, colonialism, imperial expansion and contraction, religious, artistic and intellectual change, the immense socio-economic transformation springing from industrialisation, and modern ideologies like liberalism, socialism, nationalism and racism. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST-205**Medieval Europe****3 Credits**

This course introduces the student to the important events, developments and themes in medieval European history from Charlemagne to the Black Death. Discussion of social and political topics such as feudalism and manorialism, growth of legal systems, political theory and the rise of medieval states, the Crusades, medieval warfare, and the Holy Roman Empire are connected to cultural and intellectual themes related to Muslims in Iberia, urbanization, reform of the Catholic Church, and the rise of universities.

HIST-206**Britain before the Black Death****3 Credits**

This course introduces the student to the important events, developments and themes in medieval British history from the end of the Roman period in the fifth century to the crises of the fourteenth century. Focusing on a period rich in mythology surrounding larger than life characters such as King Arthur, Alfred the Great, Strongbow, Saint Margaret, William Wallace and Robert the Bruce, this course explores the historical context behind these figures by examining the political development of the British Isles and the foundation of the relationships forged between the four nations of England, Scotland, Ireland and Wales.

HIST-209**Early Modern European History****3 Credits**

This course is a survey of European history from the Renaissance to Napoleon. Often seen as one of the most dynamic periods in European history, early modern Europe experienced rapid social, cultural, political and economic change that created new opportunities and challenges for every level of European society. In this course, students consider the evolving economy and society, the basic facts of life for the majority of Europe's peoples. They learn how the religious and intellectual unity of western culture fragmented and dissolved under the impact of new ideas and examine the nature of politics, the rise and fall of empires and the emergence of nation states.

HIST-210**Modern European History: 1789 - Present****3 Credits**

This course is a survey of European history from the French Revolution to the present. As such it is also, however, a history of the wider world affected by the "European ascendancy" of the nineteenth century, and whose cataclysmic destruction has shaped much of the twentieth. The course starts with the twin upheavals of the French and Industrial Revolutions, charts the political and socio-economic fallout from these in the shape of new ideologies, new nation-states and new social classes, and shows how European imperialism transformed the globe down to 1914. The course then analyses the self-destruction of the old European order in two world wars, the emergence of a continent physically but also psychologically divided by the Cold War, and the revolutionary developments which, since 1989, have permitted these two halves of Europe to re-converge, a process complicated to this day by the bitter legacies of the past.

HIST-211**England: From Tudor to Glorious Revolution****3 Credits**

This course introduces the student to a period in English history characterized by dynamic political, social, economic and cultural change. Between 1485 and 1688 England became a protestant nation, witnessed the birth of the nation state, expanded its economic capacity, and engaged in colonial imperial activities. Using two significant political 'revolutions' as a temporal framework, this course explores the birth of modern English society.

HIST-212**Britain 1689-1914****3 Credits**

Between 1689 and 1914, Britain achieved political stability, created a constitutional monarchy and widened the franchise to include the common people. Britain successfully faced the external challenges of the Seven Years War, the American Revolution and the Napoleonic wars and entered into a new phase of imperialist activity in Africa and Asia. It struggled with the challenges posed by urbanization, the industrial revolution, and the social problems these engendered. The middle class came to prominence and family and gender roles were transformed. This survey course examines the major events and developments in the history of Britain in this exciting period with the specific topics in any year selected by the instructor.

HIST-213**Eastern Europe: 1900-Present****3 Credits**

This course is a survey of East European history from the turn of the twentieth century, comprising a belt of states from Finland to Greece, and from today's Czech Republic to the Ukraine. The course explores how these "lands between" have dealt with a legacy of economic and political backwardness; how they have been manipulated by the regional hegemons, Germany and Russia, serving in the process as a laboratory for the most destructive ideologies of the twentieth century; and how the effect of four decades of Communism, in particular, has deepened the region's backwardness so that, even in the post-Communist period, Eastern Europe's disparities continue to make it a fertile breeding-ground for nationalism and political extremism.

HIST-214**The Celtic Crescent before 1801****3 Credits**

This course examines the development of the Celtic regions of the British Isles and Ireland prior to the creation of the United Kingdom of Great Britain and Ireland in 1801. Some historians have argued that it is in this period that the modern sense of Celtic identity has its roots. Important to this development is the fact that Ireland, Wales, and Scotland are often subsumed under the title “Celtic” and shared a common experience through their interactions with the English. Yet, most scholarship and popular culture portray the Celtic regions of Britain in an undifferentiated manner. This course explores the unique histories of the Celtic regions of the British Isles as well as their shared cultural links and experiences within the region. Topics may include: Roman Britain, King Arthur, the Celtic Church, Picts and Dalriada, the Vikings, Strong Bow in Ireland, Manx Kingship, Owain Glyndwr, Kin Networks, Celtic Identity, Art and Language, Plantation and Colonialism, Resistance, and Incorporation.

HIST-250**American History to 1865****3 Credits**

This course is a survey of American history to the Civil War. Beginning with the early colonial ventures in Virginia and New England, the course traces the development and expansion of the American federation through the War of Independence, the Mexican-American war, and the Civil War. The American political experiment with constitutional democracy and the development of the party system are examined. The course also identifies and examines important social issues including the treatment of Aboriginal people, slavery and the rights of women.

HIST-251**American History Since 1865****3 Credits**

This course is a survey of American history since the Civil War. Beginning with Reconstruction, this course traces the social, political, and economic transformation of America as it developed into a global superpower. The industrial and consumer-based society forms the backdrop for the political, social, and geo-political changes: from populism and progressivism to the Reagan revolution, xenophobia to civil rights, isolationism to the Iraq War.

HIST-260**History of Canada to 1867****3 Credits**

This course surveys Canadian history before 1867. Attention is given to both the French and English empires, the conflicts that occurred, and the social and political development of the colonies. Special consideration is given to the interactions between these imperial and colonial societies and Aboriginal people. The expansion of the European empires to the Pacific coast is also covered. The course concludes with the Confederation process in British North America.

HIST-261**History of Canada Since 1867****3 Credits**

This course surveys Canadian history since 1867. It examines the people, forces and events that have shaped the history of this country, its society, its institutions and its identity. This course provides not only a foundation for further study in Canadian history but also the knowledge necessary for effective citizenship.

HIST-281**Asia Since A.D. 1500****3 Credits**

This course is a survey of Asian history since 1500. The focus is on East Asia, including China and Japan, with complementary sections on Southeastern and Southern Asia. The emphasis is on the socio-cultural, economic, and political history of the region as well as relations with other countries and empires in the global community.

HIST-282**History of Modern Japan****3 Credits**

This course presents a survey of modern Japanese history beginning with the Meiji Restoration in 1868. Focusing on the major political, social, economic, military, and diplomatic themes, Japan's evolution as a modern state will be examined. Major topics may include the birth of liberal democracy, imperialism and empire, militarism, the Pacific War, and Japan's postwar rise as an economic superpower.

HIST-291**Topics in Political and International History****3 Credits**

This intermediate-level course surveys political and international world history with a focus on a particular conceptual topic. The topics are broad-based themes which have political or international consequences; the time period of study may vary from the late middle ages to the present. Examples of topics that might be covered are warfare, state formation and nation-building, the exercise of imperialism both formal and informal, global trade, or the development of political ideologies like liberalism, nationalism and socialism.

HIST-292**History of Women in Europe and North America****3 Credits**

Women's history focuses on the experiences of women in the past but it is more than that. It addresses questions of roles and expectations, issues and challenges, ambitions and contributions. Starting from an evaluation of how scholars have conceptualized women and gender, this course examines the history of women in a particular period and geographic area selected by the instructor. Using contemporary feminist theories that construct gender, this course seeks to enhance the student's understanding of how prescriptions and customs of womanhood, socially bounded and culturally constructed, shaped the day to day lives of both elite and labouring women in historical periods since the middle ages.

HIST-294**History of Science and Technology****3 Credits**

This course surveys important themes, traditions, people and institutions of Western science, technology and medicine. It familiarizes students with an important aspect of European/Western culture and serves as an introduction to the history of science and technology. This course emphasizes how individuals and societies have understood and explained the natural world and their place in it, and how they have approached and justified the investigation of that world.

HIST-300**Making History: Theory and Methods in History****3 Credits**

History is an academic discipline whose practitioners make a systematic study of the complexity, variety, and change of human ideas, behaviours, and actions across time. Historians gather, assess, analyze, and organize information to create knowledge about the past. This course examines the process of making history. It includes discussions about both the nature of historical evidence and the methods historians use. It also introduces students to basic questions and issues concerning the nature of our knowledge of the past.

Prerequisites: Minimum grade of C- in HIST 100 or 6 credits of senior history.

HIST-301**Topics in World History****3 Credits**

This course is an intermediate level course that examines world history through detailed study of a particular topic. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, broad-based themes such as environmental issues or the status of women, or specialized topics such as the impact of conflict, disease or slavery.

Prerequisites: Minimum grade of C- in any 100-level history course.

HIST-306**Urban Europe: City and Society, 1450-1850****3 Credits**

This intermediate-level course explores the European “City” as a major site for social, cultural, economic and political exchange and a site wherein urban actors identified with the multiple communities that formed within city limits. Central to the discussion of the European City is the impact that the national and international flow of ideas, culture, people, goods and capital had on urban centres across Europe over time. Topics include urban sights, sounds, and smells; street-corners and squares; community; built environments; gender and agency; occupation and social status; marginalization; demographic change; and urbanization.

Prerequisites: Minimum grade of C- in any 100- or 200-level history course.

HIST-308**Europe in the Age of Renaissance and Reformation****3 Credits**

This intermediate-level course explores some of the major themes in the history of Europe from the late fourteenth to the early seventeenth century. Its focus is on cultural, intellectual, and religious history, including the rise of humanism, developments in education, arts and literature, the Protestant and Catholic Reformations, and philosophical and scientific innovations. This exploration of key moments in European history is set within the appropriate political and social contexts of these developments, including the emergence of the nation state, the rise of printing, significant demographic change, and the beginnings of European overseas empires.

Prerequisites: Minimum grade of C- in one of HIST 100, 101, 205, or 209.

HIST-309**Crime and Society in Early Modern Europe****3 Credits**

This intermediate-level course investigates some of the major themes in the social history of Early Modern Europe from the onset of the Black Death to the Enlightenment. Students focus on the shifts in social, political, economic, and cultural attitudes that ushered in new ideas on crime and regulation, poverty and social discipline. Lecture topics and assigned reading materials describe how these ideas affected the peoples of Western Europe and contributed to a variety of ways individuals and groups experienced inclusion and exclusion in their communities.

Prerequisites: Minimum grade of C- in one of HIST 102, HIST 111, HIST 209, HIST 307 or HIST 308.

HIST-310**Nationalism vs. Empire: The European Multinational Empires 1804-1918****3 Credits**

This intermediate level course investigates the four great multinational empires of Europe in the 'long' nineteenth century: the Habsburg Monarchy, the Russian and Ottoman Empires, and Prussia and its successor, the German Empire. Students consider the problems that emergence of nationalism posed in all these states, the ways in which each attempted to deal with nationalism, ranging from repression to containment to appeasement, and the conflicts culminating in the First World War that resulted in their collective break-up.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-311**British Society, Politics, and Culture, 1450-1750****3 Credits**

This intermediate level course examines the social history of Britain: the lives of its people, both grand and humble. We explore families, courtship and marriage, work and play, gender roles, religion and superstition, crime and punishment, class relations, local and regional identities, poverty and poor relief. Specific topics vary depending on the individual instructor.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-312**Scotland from MacBeth to the Union (1707)****3 Credits**

This course investigates the important events, developments and themes in Scottish history before the Union with England in 1707. The course explores Scotland's unique blend of Gaelic, English and Norman traditions in the Middle Ages, its 'pure and trew' Reformation in the sixteenth century, and its attempt to stand independent in the face of English imperialism. The course emphasizes political and social developments, while providing significant coverage to intellectual, religious, economic and cultural themes.

Prerequisites: Minimum grade of C- in one of HIST 100, HIST 205, HIST 209 or HIST 211.

HIST-338**Britain as a World Power****3 Credits**

Britain held a position of world dominance from the eighteenth century until the world wars of the twentieth century. It acquired a worldwide empire, sometimes deliberately, but often haphazardly. Britain administered its empire in a variety of ways, sometimes indirectly through local rulers, sometimes quite directly. In this course, students examine Britain's rise as an imperial nation and its relations with other European nations, as well as the process of its decline both as an imperial and a European power.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-340**Diplomacy, War, and Conflict in the 20th Century****3 Credits**

This intermediate-level course investigates the origins and consequences of the major military conflicts of the twentieth century. It covers the Great War, the Second World War and the Cold War, as well as the national wars of independence in Asia and Africa, the war for Jammu and Kashmir, the Arab-Israeli conflicts of the Middle East, the Vietnam War and the Gulf War.

Prerequisites: Minimum grade of C- in any 100- or 200-level History course.

HIST-341**Fascism in Europe 1918-1945****3 Credits**

This intermediate level course investigates the phenomenon of fascism in inter-war Europe. The course starts from the premise that a generic fascism did exist, and can be defined, and that its origins and ideological components are traceable, not only to the general crisis following the First World War, but to social and political trends going back into the nineteenth century. The course also explicitly compares fascist movements, and the two fascist dictatorships of Italy and Germany, with the authoritarian regimes which become so prevalent in this period, highlighting both the essential differences between the two phenomena, and also the way in which authoritarianism occasionally borrowed fascist language and imagery. Specific attention is paid to Italian Fascism and German National Socialism, and to the native fascist movements of Eastern Europe.

Prerequisites: Minimum grade of C- in HIST 102 or HIST 112 or HIST 210 or HIST 340.

HIST-342**The Atlantic World****3 Credits**

Contact among Africans, Europeans and the indigenous peoples of the Americas created an Atlantic World. The Atlantic Ocean linked the nations and peoples living around its edges, beginning in the 15th century and continuing until the wars of independence and the end of the slave trade in the late 18th and early 19th centuries. Slaves and slave-traders, soldiers, merchants, sailors, pirates, indentured servants, convicts, settlers, governors and administrators crossed the ocean to encounter a diverse array of New World peoples. This course examines the lives of these people and the encounters, relationships, exchanges and clashes among these people in their Atlantic context.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-345**Nationalism****3 Credits**

This intermediate-level course examines nationalism as a theme in world history. It starts with an exploration of nationalism as a concept: its history, its terminology and some of the theories cited for its emergence. This course examines the scholarly debate as to how far back we can go in identifying nations, the connection between nationalism and literacy, and that between nationalism and socio-economic development. Relying largely on a consideration of nationalism in a European context, the course nevertheless considers extra-European manifestations, including Canadian, American, Indian and Japanese nationalism; it also considers the peculiar phenomenon of "state nationalism", as attempted in the Russian and Ottoman Empires, and what might be called "confessional nationalism", as typified by modern Islamism.

Prerequisites: Minimum grade of C- in any 100-level HIST course.

HIST-352**The U.S. in World Affairs****3 Credits**

This course examines the history of American foreign policy during the 20th century providing insight into the process of foreign policy decision making, as well as the ramifications U.S. foreign policy has on nations around the world. Major topics include expansionism, "Big Stick" diplomacy, Wilsonianism, entry into wars, relations with Latin America and the Middle East, as well as the origins, culture, and effect of the events of the Cold War.

Prerequisites: Minimum grade of C- in any 100- or 200-level history course.

HIST-355**Empire and Culture in Central Europe****6 Credits**

This upper-level travel course focuses on Vienna and Budapest as twin capitals of the Habsburg Monarchy and as centres of social and cultural exchange from the early modern period to the twentieth century. Both Vienna, as the administrative centre of the Holy Roman Empire and later the Austrian Empire, and Budapest, as capital of the Kingdom of Hungary, later subsumed within the Habsburg realms, presided over multinational polities embracing a tremendous diversity of religions, cultures and political systems. After a preliminary grounding in the history of the region and the completion of a major research paper, students will be accompanied to each city and will visit selected sites of interest, including museums, historical monuments and other cultural artifacts. The specific objective of this course will be a consideration of the cultural cross-currents created by such multinational societies, even in an age of increasing nationalism. **Note:** Priority will be given to students who have declared a Minor or Major in History at MacEwan University. Students are required to cover the costs of travel to Vienna and Budapest and associated living expenses.

Prerequisites: Minimum grade of C- in either HIST 100, HIST 111 or HIST 112, and a minimum grade of C- in either HIST 209 or HIST 210.

HIST-361**Canadian Political History****3 Credits**

This course examines the political history of Canada since Confederation. Although the federal political system is the central focus of the course, provincial political developments of national importance are not ignored. Among the topics discussed in this course are the Pacific scandal, the Manitoba school question, women's suffrage, the Progressive party and Maritime Rights movement, the politics of unemployment, the rise of Social Credit in Alberta, the formation of the CCF and NDP, Medicare, the Quiet Revolution, the Constitution Debates, and the Meech Lake accord.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-362**History of Alberta****3 Credits**

Alberta occupies a distinct space in the Canadian federation. Created by an act of the federal government in 1905, the province was originally settled by immigrants from Europe who sought opportunities in agriculture and mining. The rural province was transformed by the depression and the discovery of oil and gas. Today it is an urban province that attracts immigrants from around the globe. It also has a distinct political culture. The province has been governed by a series of political dynasties from the Liberals to UFA to Social Credit to the Conservatives. Each of these political dynasties had a tenuous relationship with the federal government and the province's electors have consistently supported political parties that emphasized a decentralized federal regime. This course examines these changes in economic, social, and political conditions to help us better understand Alberta today.

Prerequisites: A minimum grade of C- in any 100- or 200-level history course.

HIST-365**The Canadian West to 1885****3 Credits**

This course examines the history of the Canadian West to 1885. During this period, western North America was integrated into the colonial economic and social system and, eventually, into the Canadian federation. Topics covered in the course include the development of fur trade societies, origins of the Metis, Red River and west coast settlements, British Columbia gold rushes, the confederation process in the west, and the Northwest Rebellion.

Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-366**The Canadian West****3 Credits**

This course examines the history of the Canadian West. Social, political and economic developments in this region continue to play a central role in Canada's development. Topics include the experiences of Aboriginal people, the region's leadership in social policy related to immigration, women's suffrage and Medicare; the resource-based economy of furs, wheat, timber, mining and oil; and the distinctive political culture and alternative political parties that have emerged in the Canadian West including the Progressives, CCF, Social Credit, and Reform.

Prerequisites: Minimum grade of C- in any 100- or 200-level history course

HIST-367**Canada in World Affairs****3 Credits**

This course examines Canada's diplomatic, military, economic and political role in world affairs. Canada's relationship with the British Empire and the United States receives special emphasis. Attention is also given to the affect of international affairs on domestic social and political issues.

Prerequisites: Minimum grade of C- in any 100- or 200-level history course.

HIST-369**First Nations and Canada****3 Credits**

This intermediate level course examines Canada's relationship with First Nations from the 1830s to the present. The focus is on the interplay between the aspirations of First Nations, Aboriginal rights, constitutional law, economic and social changes, and the development of government policy. Special attention is paid to the consequences of the policy development for Aboriginal societies and culture.

Prerequisites: Minimum grade of C- in HIST 260 or HIST 261.

HIST-397**Public History****3 Credits**

Public history is a branch of historical work that involves presenting history to the public or working with the public to conduct research and interpret the past. This course introduces students to some of the theories about public history and some of the issues in the field, including ideas about memory and representation, heritage and history, and preservation and interpretation. It examines common sources for public history, including material culture, archives, and oral interviews. It also explores some of the opportunities available in the field of public history.

Prerequisites: Minimum grade of C- in any 100 or 200 level history course.

HIST-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST-400**Senior Thesis****3 Credits**

In this individual study course, students write a major essay and make a conference-style presentation on a specific topic of their choice. This course is open only to History Majors. **Note:** Students may receive credit for only one of HIST 400 and HIST 401. Students desiring HIST 400 must consult with the History Coordinator to select a primary and secondary supervisor.

Prerequisite: Consent of the department.

HIST-401**Senior Research Project****3 Credits**

In this seminar course, students conduct research, write a major essay, and make a conference-style presentation on a topic chosen by the instructor. This course is open only to History Majors. **Note:** Students may receive credit for only one of HIST 400 and HIST 401.

Prerequisites: A minimum grade of C- in 30 credits of senior history courses including HIST 300.

HIST-410**Topics in European History****3 Credits**

In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in European history. They also prepare a major research paper on an issue related to one or more of the seminar topics. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 9 credits of 200 or 300-level HIST including one of HIST 205, HIST 209 or HIST 210.

HIST-411**Topics in British History****3 Credits**

In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in British history. They also prepare a major research paper on a subject related to the course topic. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level history courses.

HIST-442**Topics in Imperialism and Colonialism****3 Credits**

In this seminar-based course, students discuss, criticise and analyse readings on a selected topic related to imperialism and/or colonialism. They also prepare a major research paper on an issue related to one or more of the seminar topics. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level history courses.

HIST-460**Topics in Canadian History****3 Credits**

In this seminar, students discuss critique and analyse readings on a selected topic in Canadian history. They also prepare a major research paper related to the seminar topic. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 9 credits of 200 or 300-level history courses including either HIST 260 or HIST 261.

HIST-476**Topics in Ancient and Medieval History****3 Credits**

In this seminar, students discuss, critique, and analyse readings on a selected topic in ancient or medieval history. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor.

Prerequisites: A minimum grade of C- in 6 credits of 200- or 300-level history courses, and a minimum grade of C- in ancient history courses (CLAS 210, CLAS 314, CLAS 315) or courses as determined by the department.

HIST-490**Topics in Social History****3 Credits**

In this seminar, students discuss, critique, and analyse readings on a selected topic in Social History. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level history courses.

HIST-497**Independent Study****3 Credits**

This course will permit a senior-level student to work with an instructor to explore a specific historical topic in depth through directed reading and research in primary and secondary sources. **Note:** Enrolment is by consent of the department.

Prerequisites: Minimum grade of C- in HIST 300 and in 15 credits in 200- or 300-level history courses.

HIST-498**Advanced Independent Study****3 Credits**

This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST-499**Field Placement****3 Credits**

In this course, students are assigned to public history, community, and/or heritage organizations where they apply their knowledge and skills in supervised projects. **Note:** This course does not fulfill the 400-level course requirement for the history major.

Prerequisites: Minimum grade of C- in either HIST 300 or HIST 397 and consent of the department.

HLSC-104**Applied Human Anatomy****3 Credits**

Students examine the anatomical structures of the human body. The anatomical terms of reference and basic histology are referred to as each of the body systems are studied. This course does not transfer to the Nursing Programs.

HLSC-105**Applied Human Physiology****6 Credits**

Students examine the function and regulation of the human body including neural and hormonal homeostatic control mechanisms. The musculoskeletal, circulatory, respiratory, digestive, urinary, immune, reproductive, and endocrine organ systems are discussed. The course does not transfer to the Nursing Programs.

HLSC-120**Human Anatomy****3 Credits**

The structure and functions of the human body are introduced within a health science perspective. The tissues, organs and major body systems are explored at macro and micro levels, with consideration of regional anatomy and functional integration. Terminology particular to descriptions and organization of human anatomy is introduced. **Note:** Students cannot obtain credit in both HLSC 120 and NURS 105.

Prerequisites: Biology 30.

HLSC-124**Microbiology for Health Professionals****3 Credits**

Principles of microbiology and classification of microbes are introduced. The focus is on the nature, reproduction and distribution of common microorganisms, and the epidemiology and role of pathogenic organisms in infectious diseases. Human immunology, antimicrobial strategies and health systems are integrated into discussion of the prevention and control of infectious diseases in humans. **Note:** Only one of HLSC 124 or MMID 133 may be taken for credit.

Prerequisite: Biology 30.

HLSC-126**Human Physiology I****3 Credits**

Normal function and components of the human body are addressed, with an emphasis on cellular function, homeostasis, hormone release and regulation. The organizing framework is based on concepts of homeostasis and regulatory mechanisms which enhance integrated functioning. Structure and function of the neurological and cardiovascular systems are examined. Normal physiological changes associated with growth and development, and aging are considered. Science 30 or Chemistry 30, and Biology 30..

HLSC-128**Human Physiology II****3 Credits**

Normal function and maintenance of homeostasis in the human body are addressed. Emphasis is placed on integrative function of the major systems; cardiovascular, respiratory, hematological, immune/inflammatory, digestive, reproductive, endocrine and urinary systems. Normal physiological changes associated with pregnancy, growth and development, and aging are discussed. **Note:** Only one of HLSC 128, HLSC 122, NURS 108 or PHSL 162 may be taken for credit.

Prerequisites: Minimum grade of C- in HLSC 120 and HLSC 126.

HLSC-220**Pharmacotherapeutics for Health Professionals****3 Credits**

Concepts of pharmacology are explored, with an emphasis on pharmacotherapeutics within health and illness experiences. Aspects of human physiology, growth, development and aging are integrated. Indications for use, mechanisms of action, therapeutic and adverse effects, assessment and patient/client education are explored in relation to major medication classifications and common medications. Professional responsibilities for provision of safe and optimal pharmacotherapy are examined. Political, legal, ethical, social and economic factors are discussed with regard to medications and health. Recognition of professional responsibilities and limitations are emphasized with regard to medication administration and evaluation. **Note:** it is strongly recommended that HLSC 222 - Alterations in Health Across the Lifespan - be completed before or taken concurrently with this course.

Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.

HLSC-222**Alterations in Health Across the Lifespan****3 Credits**

This course builds on previous knowledge of microbiology, human anatomy and physiology by exploring etiological processes of disease and how these processes cause alterations in the structure and function of human cells, tissues, organs, and/or systems. Manifestations and experiences of select acute and chronic alterations in health across the lifespan are related to these pathophysiological changes. Mind-body-spirit interactions are addressed and the difference between disease and the illness experience are explored. Major concepts associated with disease are examined including risk factors, health determinants, growth and development, epidemiology, and levels of prevention.

Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.

HLST-101**Interpersonal Skills Development****3 Credits**

Students develop skills to communicate effectively with individuals and groups from diverse backgrounds and cultures. Students identify the impact of communication styles on individuals and groups. Conflict management and team building strategies are included. Personal and professional development concepts are introduced.

HLST-150**Pathophysiology****3 Credits**

Students explore the concepts of health and disease throughout the human lifespan. The etiology, pathophysiology and clinical manifestations are covered in relation to commonly-occurring conditions of major body and organ systems. Pathologies are discussed in a clinical context and provide the learner with knowledge of how to assess and treat patients who present with these conditions. Aspects of disease prevention are also emphasized.

Prerequisites: MTST 126.

HLST-152**Foundations in Health****3 Credits**

Perspectives and definitions of health are explored. Factors that influence the health of individuals and families within the Canadian context are examined. Models and theories of change that influence individual health behaviour are introduced. The influence of selected reports, legislation, and funding on the Canadian health care system are explored. Students are introduced to the concepts of health promotion, primary health care, primary care, and access to health care services, as they relate to the achievement of health by individuals within the context of family.

HLST-154**Professional Communication****3 Credits**

Perspectives and definitions of communication are examined including factors which influence communication within the Canadian multi-cultural context. Models and theories of communication that influence both individual and professional behaviours are introduced. The influence of legislation, social media, and therapeutic interactions in the health care system are explored. Students are introduced to the principles of relational practice for individuals, families, health care teams and communities of practice.

HLST-159**Health Foundations****3 Credits**

Students explore foundations in health from multiple perspectives, including definitions of health, health determinants, factors that influence mental and physical health, professional roles and responsibilities, and points of access to health care services. Primary health care and primary care are introduced. Students examine how indicators of health and illness/injury influence program and policy development, as well as the influence of selected reports, legislation, and funding on the evolution of the Canadian health care system. Students receive an introduction to models and theories of change related to health promotion and injury prevention. **Note:** Credit can be obtained in only one of HLST 152 or HLST 159.

HLST-210**Human Sexuality****3 Credits**

This course provides an overview of human sexuality. Biological, psychosocial and cultural components of sexual health are integrated throughout the course. Instructor presentations, group discussions and expert guest speakers provide students with the opportunity to explore a wide range of topics in this complex subject.

HLST-230**Culture Competence in a Multicultural Society****3 Credits**

Students develop theoretical and experiential knowledge and practical skills needed to function competently in intercultural situations. Students explore their cultural identities in order to understand the nature and influence of culture and develop sensitivity to cultural nuances. They learn the meaning and importance of culture competency from global, professional and personal perspectives and examine the dynamics of power and oppression as they relate to cultural minorities, particularly immigrant and refugee populations. Principles for community development in cultural communities and culturally diverse communities are addressed. Students evaluate culture competence in a work environment.

HLST-290**Nutrition/Pharmacological Concepts****3 Credits**

This course presents the basic principles of nutrition and pharmacology that promote healthy lifestyle. Nutrition emphasizes awareness and choice. Pharmacology content includes how drugs work, and knowledge of classifications. Over-the-counter and natural products are examined.

Prerequisites: HLST 150.

HLST-320**Health and Society****3 Credits**

In this course learners are exposed to a broad range of views and perspectives overarching the elements of health and society. Theoretical frameworks are used to explore health and mental health as socially constructed concepts within selected populations. Selected key issues and challenges for marginalized populations are examined from the perspective of health promotion, social justice and the global perspective. Focus is also placed on political, economic and social forces that contribute to the evolution of mental health service delivery within a national and global context. The concepts of social justice and health promotion are discussed in terms of their influence on the role of the psychiatric/mental health nurse in contemporary society.

HLST-321**Advanced Skills in Therapeutic Modalities****4 Credits**

This course is designed to expand the repertoire of therapeutic modalities that can be employed by psychiatric/mental health nurses within therapeutic nurse-client relationships. Learners expand theoretical knowledge and skills with selected current psychotherapies within the context of a cross-generational population. The role of the psychiatric/mental health nurse in individual and group therapy is expanded from an experiential perspective. Knowledge and skills in crisis intervention, conflict management, and counseling are further developed and applied.

HLST-350**Principles of Wound Assessment and Management****3 Credits**

Students explore the rapidly expanding domain of wound management. The student acquires the knowledge related to the physiology of wound healing and develops the skills necessary to appropriately assess and diagnose a client with a chronic or problem acute wound. Students appreciate a holistic approach to wound assessment and management and gain skill in determining a care plan that provides optimal management of the wound environment.

HLST-351**Management of Chronic and Problem Acute Wounds****3 Credits**

Students examine the management and advanced assessment of chronic and acute problem wounds. Pathophysiology of specific problem wounds such as venous stasis ulcers, diabetic foot wounds and complicated surgical wounds are explored in detail, enabling the student to expand previously attained knowledge and skills. Students practice differentiating and documenting wound etiologies and appreciate adjunctive modalities that are useful in treating chronic or acute problem wounds. Using case studies and interactive communication, students develop critical thinking skills necessary to establish, implement, and evaluate a holistic and client focused care plan that provides optimal wound management and prevention. Impact on the patients quality of life is explored.

Prerequisites: HLST 350.

HLST-352**Wound Management Clinical****3 Credits**

Students apply principles of ethical, evidence-based wound management in a range of clinical settings across the health care continuum. The knowledge base and critical thinking skills developed during previous wound courses is synthesized and conveyed in an assortment of clinical environments. The clinical experience provides the students an opportunity to work with an interdisciplinary collection of wound care practitioners. Students compare and contrast various wound practices through interactive communication and reflective journals.

Prerequisites: HLST 351.

HLST-353**Drains, Fistulas, Peristomal****3 Credits**

In this course the focus is on the assessment and management of skin conditions associated with drain sites, fistulas, and peristomal complications. Students acquire the knowledge and skills necessary to assess a client with skin breakdown associated with a drain site, a fistula, and peristomal complications. Students expand on previously attained knowledge and skills in wound management to establish, implement, and evaluate a plan of care that provides optimal wound management.

HLST-354**Healthy Populations****3 Credits**

Principles and concepts of population health are examined with an emphasis on the influence of the determinants of health. Health promotion processes are examined including strengthening community action, building healthy public policy, creating supportive environments, developing personal skills and re-orienting health services. Primary health care concepts, empowerment, and capacity building are integrated. Intersectoral and interprofessional collaboration within local, national and international programs are explored. Societal and economic implications of primary health care and public health policy are analyzed within the Canadian context.

Prerequisites: Minimum grade of C- in HLST 152, 100-level statistics course.

HLST-355**Vascular Assessment****3 Credits**

The focus of this course is on vascular assessment of the lower extremities. With case based content, the course focuses on the application and synthesis of both clinical and technical vascular assessments to apply to patient care and treatments. Topic highlights include Ankle Brachial and Toe Brachial Indices related to arterial and venous health, diabetes, wound healing and diagnosis. This course utilizes a paced, blended delivery model including class, lab and online components.

HLST-400**Global Health Perspectives****3 Credits**

This course offers the opportunity for analysis of perspectives that affect the global health community including social justice, health equity, gender, human rights, political agendas and ethical issues. Principles and concepts of global health are examined with an emphasis on key health issues, priorities and emerging challenges. Global partnerships/initiatives and innovations that focus on improving health outcomes and reducing global health inequities are evaluated. A two-week study tour includes a range of activities designed to connect students with policy makers, health care workers and health agencies in the host country.

Prerequisites: Minimum grade of C- in HLST 354 or consent of the department.

HRMT-131**Compensation****3 Credits**

Students are introduced to current compensation theories and concepts, including linkages to an organization's strategy and to other human resources functions. Students apply their knowledge of compensation by designing, costing and evaluating a variety of compensation elements, including job evaluation systems, choices of direct or indirect pay, performance rewards and variable compensation.

Prerequisites: HRMT 180 or HRMT 200.

HRMT-145**Staffing****3 Credits**

Students examine the dynamics of the recruitment and selection processes, as well as the legal issues associated with the staffing function. The strategic role of staffing and its integration with other human resources management activities is also addressed. Other topics include the use of non-traditional employment relationships and deployment.

Prerequisites: HRMT 180 or HRMT 200.

HRMT-151**Employee and Labour Relations****3 Credits**

Students examine the context of the labour-management relationship in Canada and the role of unions in the workplace. Students identify the legislative framework and key processes associated with union formation, the collective bargaining process, contract administration and dispute resolution. The effects of the on-going union relationship on other human resources management functions are also explored. **Note:** Credit can be obtained in only one of HRMT 151 or HRMT 150.

Prerequisites: HRMT 180 or HRMT 200 and LEGL 212.

HRMT-160**Training and Development****3 Credits**

Students explore the principles, concepts, and processes leading to quality learning experiences and examine the role of training and development in relation to other human resources processes. Students apply their understanding of learning theories and design processes to the development, costing, presentation and evaluation of a short training and development experience.

Prerequisites: HRMT 180 or HRMT 200.

HRMT-200**Management of Human Resources****3 Credits**

Students explore the role of human resources management in contemporary organizations and identify effective practices to hire, retain and develop employees. Students identify the interrelationships between the functional areas of human resources management including planning, recruitment, selection, training and development, performance management, total compensation, workplace health and safety, and employee and labour relations. Students examine key legislation relevant to human resources management and apply their knowledge to current and emerging workplace challenges.

HRMT-231**Employee Benefits****3 Credits**

Students examine the function and appropriate uses of employee benefits as part of a total compensation. Students explore the relationship between employee benefits and an organization's human resources strategy and identify the effects of the legal environment and current trends on the design and administration of benefit plans. Students apply their knowledge of employee benefits and organizational needs to the planning design, costing, implementation, administration and communication of a comprehensive benefits program.

Prerequisites: HRMT 131.

HRMT-275**Workplace Health and Safety****3 Credits**

Students explore the legal and organizational requirements for health and safety policies and practices in the workplace and the personal and organizational effects of workplace accidents, injuries and disabilities. Students assess and develop health, safety and wellness initiatives that will enhance organizational performance and that are consistent with applicable regulatory standards. **Note:** Credit can be obtained in only one of HRMT 275 or DMWP 104.

Prerequisites: HRMT 160.

HRMT-280**Human Resources Field Placement****3 Credits**

Students gain experience in work search and the field of human resources management through a work integrated learning project. Each student meets with an assigned Faculty member and a participating sponsor organization. An appropriate human resources management project is designed and carried out by the student. Student achievement is jointly evaluated by Faculty and members of the participating organization.

Prerequisites: HRMT 131, HRMT 145, HRMT 151, HRMT 160.

HRMT-295**Strategic Human Resources Management****3 Credits**

Through case study analysis, students apply an integrated knowledge of human resources management practices to the formulation and achievement of organizational goals. Students research, analyze, evaluate and develop strategic responses to a variety of current and emerging staffing, employee retention and performance management issues. Students also develop their professional practice skills. This course is intended to be taken in the final term of the Human Resources Management Diploma program. **Note:** Credit can be obtained in only one HRMT 295 or HRMT 270.

Prerequisites: HRMT 131, HRMT 145 and ORGA 233.

HRMT-314**Recruitment and Selection****3 Credits**

Students identify the critical function of employee recruitment and selection and examine strategies and tools used by organizations to find, assess and hire or promote employees. Issues of determining and balancing an organization's strategic needs with legal requirements such as employment equity and diversity are explored. Students also develop their selection interviewing skills, investigate emerging issues and trends, and apply their knowledge of recruitment and selection to the design of a staffing plan.

Prerequisites: HRMT 200

HRMT-316**Total Compensation Management****3 Credits**

Students explore compensation as a strategic tool for improving organizational effectiveness and for helping to attract, retain and motivate staff. Students analyze the factors which shape and influence pay practices within an organization, and identify processes and techniques involved in establishing appropriate compensation levels. Students apply their knowledge in the critique or design of elements of an organization's direct compensation program, including the integrated use pay for performance compensation plans, to ensure alignment with an organization's human resources strategy.

Prerequisites: HRMT 200.

HRMT-318**Learning and Development****3 Credits**

Students identify theories and strategies which support employee learning and development and they apply this knowledge to the creation of training and development initiatives aligned with an organization's strategic priorities. Students explore how employee learning and development needs are determined, examine appropriate delivery methods and technologies, integrate strategies for the transfer of learning to the workplace, and design useful measures of learning and development success.

Prerequisites: HRMT 200.

HRMT-331**Pension and Benefits Plans****3 Credits**

Students explore the use of employee benefits as an integral and strategic part of an organization's total compensation plan. Students develop their understanding of the scope of employee pension and benefit plan design and they situate different employee benefit components within the larger organizational, social and legal context. Students make recommendations about the supply, administration and communication of employee benefits appropriate to an organization's context.

Prerequisites: HRMT 316.

HRMT-412**Labour and Employee Relations****3 Credits**

Students examine the strategic importance of labour and employee relations practices in Canada, and the effects of these practices on other human resources management systems. Students describe the impact of unions on the workplace, and explore the factors which shape the on-going employment relationship, including the role and structure of labour unions, the certification and collective bargaining processes, types of workplace disputes and dispute resolution processes, and current trends and issues in Canadian labour and employee relations.

Prerequisite: HRMT 200 and LEGL 312

HRMT-475**Health, Safety and Wellness****3 Credits**

Students explore the Canadian workplace health, safety and wellness environment and identify the shared employer and employee responsibilities for the provision of safe and healthy workplaces. Students individually and in teams examine a variety of workplace health and safety initiatives in light of current research and trends in the field. Students apply their knowledge to the critique or development of health, safety or wellness policies or interventions which address employee and organizational needs.

Prerequisites: HRMT 318.

HRMT-497**Special Topics in Human Resource Management****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Organizational Behaviour, HRM, Management, and MIS for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level HRMT course and consent of the department chair or designate.

HRMT-498**Independent Studies in Human Resource Management****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of human resources management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance human resources management knowledge or practice or create meaningful results. **Note:** This course can be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

HSAD-300**The Human Service Administrator****3 Credits**

Students are introduced to the roles and responsibilities of managers in human service organizations, primarily in the nonprofit sector, and address issues related to leadership, organizational culture, planning, management controls, financial management, working with staff and boards, and resource development. Students explore a range of skills needed to successfully assume management responsibilities through an examination of recognized literature in the management field including, but not limited to, discipline-specific resources and journals.

HSAD-305**Interpersonal Communication Skills for Human Service Administrators****3 Credits**

Students explore the interpersonal dimension of the role of leaders, managers, and supervisors in human service agencies. Students gain an understanding of leadership roles in human service agencies and develop skills for creating effective interpersonal environments in their workplaces. Students have the opportunity to review and extend their communication skills, to learn strategies for time and stress management, and to explore and practise skills required for team building, setting directions, action-planning, managing meetings, problem-solving, and resolving conflict.

HSAD-310**Managing Human Resources****3 Credits**

Students are introduced to the theory and practice of personnel management in human service organizations and develop skills in managing a diverse workforce. Utilizing a humanistic approach to human service management, students begin to acquire the skills to recruit, select, orient, train and retain staff. Students learn to develop job descriptions, appraise staff with the goal to improve performance, and conduct environmental scans to improve human resource practices. Additional topics studied include leadership styles, labour relations, occupational health and safety, and the unique considerations related to part-time and contracted employees.

HSAD-315**Managing Financial Resources in Human Service Agencies****3 Credits**

Students are introduced to financial accounting and bookkeeping in human service organizations. Students develop the skills required to manage an organization's financial resources, including budget analysis, payroll, preparing for audits, and managing endowment funds and charitable donations.

HSAD-325**Research Practices in Human Service****3 Credits**

Students gain knowledge of the research process and research methods commonly employed in the social sciences. Students examine how research is conducted and discuss a number of research methods including qualitative, quantitative, action, and narrative. Students develop the knowledge and skills required to read research reports critically and participate in research in an ethical and thorough manner.

HSAD-330**Managing Physical Resources in Human Service Agencies****3 Credits**

Students become familiar with important aspects of managing physical resources in human service organizations. Students learn to develop business plans, to assess and address facility needs, and to plan for improvements, including finding space in the community, renovation, new construction, and financing. Strategies for risk management and facility and equipment management, including maintenance procedures, leasing, and the security of information technology resources, are introduced as important tools for the human service administrator.

Prerequisites: HSAD 300, HSAD 305.

HSAD-335**Managing Change in Human Service Agencies****3 Credits**

Students cultivate the knowledge and skills necessary to respond to organizational change in a strategic and proactive manner. Students develop strong strategic planning skills and are able to develop and implement strategic and proactive responses to manage uncertainty and change.

Prerequisites: HSAD 300, HSAD 305, HSAD 310.

HSAD-345**Community-Based Practice in Human Service Agencies****3 Credits**

This course is designed to introduce students to the theory and practice of community work. The key role healthy, sustainable communities play in enhancing the health, education, and social programs delivered by formally organized institutions is explored. Students learn that community practice is a process of collaboration within a network of individuals and other service providers and will develop the skills and knowledge to be an effective part of this process.

Prerequisites: HSAD 300, HSAD 305, HSAD 310.

HSAD-350**Trends and Issues in Human Service Administration****3 Credits**

Students explore the management implications of current trends and issues on the organization and delivery of human services. Demographic, economic, social, and political trends in Canada are identified and the associated issues and implications discussed and analyzed. Students are introduced to human service delivery in a selection of countries to understand how the evolution of social policy impacts human service delivery.

Prerequisites: HSAD 310, HSAD 315, HSAD 325.

HSAD-459**Directed Field Study in Human Service Administration I
15 Credits**

Students build on the skills and knowledge attained in previous program courses as they explore leadership development and managerial practice within the directed work situation. In consultation with the instructor, supervisor and/or a mentor, students set learning and development goals and use reflection to evaluate and guide their progress as human service managers and leaders. Project management theory is introduced. Students identify and do initial research on the project they will complete in their final directed field study. Team roles and functioning are explored in the context of seminar activities.

Prerequisites: HSAD 300, HSAD 305, HSAD 310, HSAD 315, HSAD 325, HSAD 330, HSAD 335, HSAD 345 and HSAD 350.

HSAD-499**Directed Field Study in Human Service Administration II
15 Credits**

Building on their experience in Directed Field Study I, students establish learning goals to further develop and demonstrate leadership capacity and managerial practice in the field study agency. Students work with their supervisor to identify an appropriate project; then they plan, implement, monitor, and evaluate the project. They learn characteristics of a culturally competent workplace and create a plan for increasing cultural competence in their organization. Students use reflective practice to guide their development as human service managers and critically analyze the project they managed in a Capstone assignment that shows their ability to integrate theory and practice and present their findings in an academically and professionally competent manner.

Prerequisites: HSAD 459.

HUMN-101**Humanism****3 Credits**

This course considers humanist values and principles through the reading of canonical works of history, literature, and philosophy from more than one historical period and geographical area. An empathetic understanding of human beings is emphasized through a consideration of what is important to human beings, and how humans relate to others. Readings from the following authors may be included: Cicero, Voltaire, Gabriel García Márquez, and Plato.

HUMN-201**Human Relationships****3 Credits**

This course emphasizes an empathetic understanding of human beings in their human relationships (person to person, or person to community/society). In analyzing historical, literary, and philosophical works from more than one historical period and geographical area, students consider key facets of those relationships (e.g., love, friendship, family, power and authority, female and male, etc.). Readings from the following authors may be included: Thucydides, Machiavelli, Cervantes, and Emerson.

Prerequisites: Minimum grade of C- in one course in any Humanities discipline.

HUMN-202**Humans, Nature, and the Divine****3 Credits**

This course emphasizes an empathetic understanding of human beings in their relationships with nature and the divine. In analyzing historical, literary, and philosophical works from more than one historical period and geographical area, students study and analyze the ways in which human beings construct relationships which are not focussed specifically on other human beings. Readings from the following authors may be included: Euripides, St. Teresa de Ávila, Galileo Galilei, and Kierkegaard.

Prerequisites: Minimum grade of C- in one course in any Humanities discipline.

HUMN-301**Special Topics in Humanism****3 Credits**

This course emphasizes an empathetic understanding of human beings through an in-depth study of a selected topic in humanism. Students study historical, literary, and philosophical works from more than one historical period and geographical area. The topic and readings will vary from year to year.

Prerequisites: Minimum grade of C- in one 200-level course or higher in any Humanities discipline.

HUMN-354**Cultural Capitals of Britain****6 Credits**

This upper level travel course focuses on the history and literature of British cities. Using an interdisciplinary approach students examine the dynamic and complex relationships of geography and built environments by exploring historical documents and literary texts before being accompanied to select British sites of interest, including museums, historical monuments and other cultural artifacts. As urban spectators, students investigate the historical and cultural amenities of Britain's Cultural Capitals, and consequently get a breadth of context to understand how urban spaces shaped the lives of the people who have lived and who live in these dynamic cities. Students are required to cover the costs of travel to Britain and associated living expenses.

Prerequisites: A minimum grade of C- in two of HIST 211, HIST 212, HIST 311, HIST 312, or HIST 338 (or equivalent), or a minimum grade of C- in 6 credits of 200- or 300-level ENGL.

INDG-100**Introduction to Indigenous Studies****3 Credits**

Indigenous Studies 100 seeks to introduce students to various aspects of Indigenous Studies: historical, sociological, oral, and literary. Students develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of specifically Indigenous writers and various texts/documents related to Indigenous Studies. Students analyze works by Indigenous writers from various literary genres, genres which may include literary, historical, anthropological, and sociological texts. Additional cultural opportunities are built into the course, such as opportunities to meet with elders, participate in ceremonies, and so on. These opportunities expand the contextualization of the texts studied and give students a unique sense of the connection between community, its texts and traditions, its history, and its current context. This course is offered as a dual-credit course with Amiskwaciy Academy.

INFM-101**Introduction to Information Resources****3 Credits**

This course introduces students to the philosophy of information services, and the types of information providers and their resources. Major topics covered include the structure of information, the roles of information personnel in a variety of information environments, library and other information related associations, and an introduction to current major issues in the information field.

INFM-103**Reference Fundamentals****3 Credits**

Students are introduced to and examine basic information sources and services. Standard reference sources, both print and electronic, are studied and students acquire an understanding and practical knowledge of the common reference sources used in public services. The philosophy of customer service including issues and procedures are introduced.

INFM-104**Acquisition and Management of Collections****3 Credits**

This course covers the principles, policies and procedures for developing and managing collections. Students develop skills in the review, evaluation, selection, verification, acquisition, and receiving procedures for print and non-print material. The management of acquisitions budgets, and examination of the organization and function of the technical services department is covered. Students learn to find, verify and use systems for document delivery and interlibrary loan management.

INFM-152**Information Services I****3 Credits**

Students learn how to conduct and analyze an effective reference interview for both in-person and electronic environments. Electronic database search techniques are developed. Services, activities, and issues relating specifically to public and school libraries are considered. Trends and factors influencing the future of libraries and information technology will be discussed.

Prerequisites: INFM 103.

INFM-155**Organization of Information I****3 Credits**

This course introduces students to the theory and principles of information organization. It examines in detail the Anglo-American Cataloguing Rules for describing information materials in a variety of formats, and Library of Congress Subject Headings lists for organizing information for retrieval by subject. Also included are MARC and other information exchange formats and procedures for deriving cataloguing and subject access information from external sources.

INFM-202**Information Services II****3 Credits**

This advanced level reference course introduces students to the principles and practices of database searching, reference materials in specialized collections, instructional techniques, and social media trends in libraries. Students will examine the structure and philosophy of academic and special libraries, focusing on resources for specific subjects and special clientele.

Prerequisites: INFM 152.

INFM-205**Organization of Information II****3 Credits**

This course covers the principles and practice of classification of materials using the Dewey Decimal and Library of Congress classification schemes. Further examination of MARC coding, and methods of organizing specialized information materials is also included. Students are introduced to the Resource Description Access (RDA) rules for cataloguing.

Prerequisites: INFM 155.

INFM-208**Library Services for Children and Young Adults****3 Credits**

This course introduces the learner to children's and young adults' literature; its history, the various forms, and evaluative techniques employed in selecting literature for these age groups. Students learn to design and deliver library programs for children and young adults including storytelling, booktalks, and puppetry.

Prerequisites: INFM 101 and INFM 152.

INFM-209**Records, Information, and Privacy Management****3 Credits**

Students are introduced to the concepts and elements of records and information management in the context of emerging social standards about access to information and personal information privacy protection, especially in public sector entities. The course includes an introduction to records organization systems; information life cycle, project management in information management, classification, retention and disposition, protection of sensitive and vital records; forms content and management, policy development and review, access and privacy legislation. Additional areas that are covered are national and international standards and professional certifications. Students will also be introduced to archival management of records.

Prerequisites: INFM 101.

INFM-210**Information and Society****3 Credits**

This course examines the larger context of the library within the community and in society, and the role of library staff within that environment.

INFM-219**Archives and Electronic Records Management****3 Credits**

Students study the archival management of records including fundamental concepts of archival science, contemporary issues, digital archives and the role of the archival technician. Students also study best practices in records management and issues regarding the impact of technology on the management of electronic records. The implications of legislation, standards, and regulations, as well as the establishment of a records preservation plan is discussed.

Prerequisites: INFM 209.

INFM-258**Information Systems Design****3 Credits**

Students are introduced to systems analysis and design in the information environment. Topics include identifying and defining problems, the role of the human element in systems analysis and design, system selection, testing, implementation, user interface design, the current state of the systems marketplace, open source alternatives to proprietary system solutions, and evaluating system performance and vendor support.

Prerequisites: INFM 202 and INFM 205.

INFM-259**Information Services Management****3 Credits**

Students study and examine the governance of libraries, including core values of the library profession, the mission and vision statements, the strategic planning process, and policy development. Change management and project management techniques and principles are used to illuminate key trends affecting libraries and library service. Leadership styles, supervision, budgets, and customer service are covered. Several human resource components are practiced including job posting and job description writing, interviewing skills, and performance management cycle. Other types of information organizations and entrepreneurship are also discussed.

Prerequisites: INFM 202 and INFM 205.

INFM-260**Field Placement****3 Credits**

Students gain first-hand on-the-job experience through supervised workplace learning in a library setting. Prior to field placement, students update their professional portfolio and write a resume and a cover letter for a job application. Practice in conducting a job search and a job interview is provided. Employers and recent graduates offer an insider's view of expectations in the workplace and how to have a successful workplace learning experience.

Prerequisites: INFM 255, INFM 258 and INFM 259.

INSE-098**Integration Seminar****0 Credits**

Students in the Physical Education transfer program acquire the skills to aid in the transition from high school to university level work. Sessions include: database searches, writing term papers, exam writing skills, time management, avoiding plagiarism and others. This is a required course for all students enrolled in the first year of the Physical Education transfer program. (This course carries no credit towards a degree).

INSE-099**Integration Seminar****1 Credit**

This course is designed to provide students in University Studies an opportunity for general academic development and planning. Students are updated on current happenings at the University of Alberta, in order to facilitate a smooth transfer between institutions. This is a required course for all first-year science students. (This course carries no credit toward a degree.)

INSR-101**Insurance Principles and Practices****3 Credits**

Students develop an understanding of basic insurance principles and the primary benefits insurance contributes to society. Students are introduced to legal concepts and the legal environment in which insurance operates. They examine an insurance contract and are introduced to the legal elements required of all legally binding contracts. They explore the concepts of risk and its relationship to insurance. The role of risk management and the risk management process are introduced. Students examine insurance application forms, policies, binders, claims forms, and other documents common to the industry. Students differentiate between the various organizational forms of insurance companies and brokerages and are introduced to the reinsurance companies and the role they perform in the marketplace. They also develop an understanding of the types and methods of reinsurance.

INSR-202**Property Insurance****3 Credits**

This course is an introduction to property insurance. Students examine the basic fire insurance policy and the evolution and broadening of it. Students are introduced to mortgage clauses, limitation clauses, including co-insurance, and statutory conditions relating to property insurance. Using basic form insurance policies, students examine how policy wordings are adapted and expanded to cover the various needs of the consumers. This includes both personal and commercial lines consumers. The examination introduces students to habitational policies such as homeowner's forms as well as commercial building equipment and stock policy forms. Students also evaluate the influence of legislation in the development of standardized property insurance wordings and practices.

INSR-203**Automobile Insurance****3 Credits**

Students are introduced to automobile insurance practices including application forms, policy wordings and endorsements. Students examine insurance programs for insurance availability, provincially governed indemnity funds, as well as automobile insurance rating and marketing. This course focuses primarily on automobile insurance provision in Alberta, but students are also introduced to the various government plans as well as the Quebec and Ontario plans.

INSR-204**Liability Insurance****3 Credits**

Students examine important legal principles affecting liability insurance, including the basis for legal liability (common law, statutory and contractual). The Commercial General Liability Policy forms the basis for student learning in insurance contract analysis. Cases are used to apply hypothetical liability claims to determine coverages. Other coverages include products liability, workers' compensation, employers' liability and environmental liability. The course includes a brief discussion of underwriting and rating of liability insurance.

Prerequisites: INSR 101.

INSR-205**Risk Management and Insurance****3 Credits**

Students are introduced to the risk management process. They examine objectives, identify and analyze exposures, and formulate alternatives for dealing with identified exposures. Students describe in detail the methods for managing risk: loss control, loss financing, retention and transfer of risks. Commercial property, liability, business interruption and business package policies are also examined.

Prerequisites: INSR 101.

INSR-210**Essential Skills for the Insurance Broker and Agent****3 Credits**

Students develop an understanding of insurance business practices from the broker's perspective. This skills-based course concentrates on the needs of personal lines clients and small commercial risks. Students examine the role of an agent or of a broker as an insurance intermediary. The progress of a risk from initial contact with the client through the evaluation and application process, to binding and policy documents is traced. Major product lines and common policy transactions that a broker or agent handles on a daily basis are examined.

Prerequisites: INSR 101 or equivalent.

INSR-211**Essentials of Loss Adjusting****3 Credits**

Students develop an understanding of insurance and professional conduct within the claims domain. Students examine soft skills and technical skills required to handle insurance claims. Through a step-by-step process, students move from understanding to application, analysis, synthesis and evaluation of hypothetical claims scenarios in order to determine: a) if coverage exists, and b) how much of the claim is payable. The types of claims include automobile, property and liability.

INSR-212**Underwriting Essentials****3 Credits**

The underwriter's role as an investor of shareholder capital on behalf of the insurer is explored. Students examine the role of the underwriter in accepting or rejecting risk for the insurer within parameters both set by the insurer and imposed by the external environment. Consideration is given to the many types of detailed knowledge, the "hard" and "soft" skills, and the temperament of an underwriter needed to perform effectively and efficiently. These characteristics are applied in the analysis of individual property, liability, and automobile risks.

INSR-300**Insurance and Risk Management****3 Credits**

This course provides the theory and application of risk management and insurance a manager needs to ensure that an organization minimizes its exposure to loss while meeting its objectives. Key topics include risk identification and evaluation, and selection and implementation of risk management techniques. Other topics include insurance as a risk financing tool to pay for losses that do occur, insurance policy provisions, loss exposures and insurance for property, liability, life, health and income, and government regulations concerning risk management and insurance.

INTB-200**Asia Pacific Practicum****3 Credits**

Students work in the Asia-Pacific region or in Canada with an organization that is active in the Asia-Pacific region. This practicum provides students with first hand exposure to international business practices and lifestyles. Under special circumstances, students may undertake to complete a business project in consultation with the Program. **Note:** Students are assessed tuition for the practicum. Students can obtain credit in only one of INTB 200 or INTB 250.

Prerequisites: Completion of Asia-Pacific Program including INTB 213 Orientation to Asia.

INTB-204**Trade Logistics****1 Credit**

Students are introduced to the basics of logistics management in international trade. Students learn the import/export processes and the basics of transportation management. Topics to be covered in this course include the export/import processes, elements of logistics, formation of a logistics plan, transportation management, trade documentation, and product standards and related issues.

INTB-205**Independent Project****1 Credit**

Students complete an independent project in a specific area of interest related to their program of study. Suitable topics could include the study of social, cultural or business life in an Asian country but students may propose other topics. Students may also link their study to an appropriate workplace issue. A contract between the student and the instructor outlines the learning outcomes, process and criteria for evaluation.

INTB-206**Managerial Accounting****1 Credit**

This course introduces students to the basic concepts of managerial accounting for pricing and business decisions. Students learn the role of cost accounting in the functioning of various forms of businesses, the different classifications of cost concepts and terms, cost/volume/profit relationships, profit planning and techniques of pricing and marketing analysis.

Prerequisites: Minimum grade of C- in ACCT 311.

INTB-213**Orientation to Asia****1 Credit**

As part of the preparation for their practicum in Asia, students receive pre-departure orientation. Topics covered include: review of destination countries and host organizations, how to deal with local culture, awareness of culture shock and other necessary pre-departure preparations.

Prerequisites: Successful completion of the Asia Pacific Management program or consent of the program.

INTB-215**e-Commerce Fundamentals****1 Credit**

This course provides students with the fundamental knowledge necessary to operate in the world of electronic commerce. Topics include: The New e-Business Real-time Global Enterprise, Tools of Business to Business e-Commerce, Technology Integration and Business Solutions including e-Business and the International Supply Chain. This course is only open to students registered in the Asia Pacific Management program.

INTB-220**Doing Business in India****1 Credit**

Students acquire basic knowledge of the business environment and the management of a business in India and focus on developing a strategy for entering into Indian markets. Students explore various topics including the business environment in India, regulatory requirements, differences and similarities in doing business in India and in Canada and opportunities and challenges in Indian markets.

INTB-250**Doing Business Internationally - Study Tour to Asia-Pacific****3 Credits**

Students examine doing business in Asia Pacific from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.

Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-251**Doing Business Internationally - Study Tour to China****3 Credits**

Students examine doing business in China from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.

Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-252**Doing Business Internationally - Study Tour to India****3 Credits**

Students examine doing business in India from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.

Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-253**Doing Business Internationally - Study Tour to Brazil****3 Credits**

Students examine doing business in Brazil from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.

Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-254**Doing Business Internationally-Study Tour to Europe****3 Credits**

Students examine doing business in Europe from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.

Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-300**Introduction to International Business****3 Credits**

Students are provided an overview of theory, concepts and issues, related to the field of international business based on the premise that decision making in every company is influenced by a variety of global factors. Topics to be surveyed in this course include: globalization and the globalization debate, political and legal systems around the world, economic systems around the world and emerging markets, components of culture and cross cultural business, ethics in international business, theories of international trade and investment, theories of regionalization, foreign direct investment, international financial markets and foreign exchange, and international strategy, marketing and human resource management.

Prerequisites: ECON 102 and BUSN 201.

INTB-310**Global Business and Sustainability****3 Credits**

Students examine the increasingly important issue of sustainability of global business operations. Students discuss complex and controversial issues from both a broad macro national/international viewpoint, as well as from the perspective of the management of an individual firm. Students analyze international business decision making with consideration of environmental, ethical, and social factors.

Prerequisites: ECON 102 and INTB 300.

INTB-311**Diversity and Intercultural Communication****3 Credits**

Students study the theoretical and conceptual applications of diversity and cross-cultural communications from an interdisciplinary perspective. The dynamics of diversity in the workplace, cross-cultural communications and the different models used to look at these issues are analyzed. Students assess and analyze situations, case studies, and research and develop tools to lead, navigate and work in diverse and cross-cultural business settings both locally and internationally.

Prerequisites: ORGA 201.

INTB-312**Conducting Business in Asia****3 Credits**

Students study the profiles of the Asia Pacific countries (China, Japan, Korea, Taiwan, Hong Kong and SE Asian countries) and their political, economic and cultural relations with Canada. The business dynamics and trends of Asia Pacific are discussed in detail. Through case studies and group projects, students analyze business practice and acquire the skills to conduct business in Asia.

Prerequisites: INTB 300 or consent of the program.

INTB-313**Business in Regional World Markets****3 Credits**

This course takes a "geographic economy" approach to the study of international business theory and practice. Participants analyze blocks of countries that are clustered along diverse dimensions such as geography, economy, politics, and culture. While comparing and contrasting trends across regions, students mobilize the theories learnt previously, learn new ones, and develop critical thinking skills.

Prerequisites: INTB 300 or consent of the program.

INTB-410**Intercultural Field Studies****3 Credits**

Students gain first hand exposure to international business practices and lifestyles by living and working in an international region. Students integrate their knowledge and reflect on their development of international business, culture and language. Students research cultural and business practice differences and report their analysis. Prior to departure or work placement, students participate in a preparation and orientation seminar. Enrolment in this course is restricted to students in the School of Business, and students are required to research and develop their international work placement in a proposal and complete an application.

Prerequisites: INTB 311.

INTB-412**Managing in an International Environment****3 Credits**

In this course, students integrate and apply a range of multifunctional business concepts from marketing, finance, and general management fields to evaluate strategic decisions undertaken by organizations operating in international settings. Students analyze the current situation of international firms and develop potential strategic alternatives for the organization. A combination of theory and case analysis provides students with the theoretical and applied understanding of how global businesses develop and attain their objectives.

Prerequisites: INTB 300 and INTB 311.

INTB-413**International Entrepreneurship****3 Credits**

This course addresses issues specific to international venturing and including search and identification of opportunities in foreign markets, logistics of international business expansion, cross-cultural business communication, international sourcing, international deal making and networking.

Prerequisites: INTB 300 and MARK 301.

INTB-414**International Trade Simulation****3 Credits**

Students participate in an online interactive simulation course of international trade. Students in Mainland China, Taiwan, Canada and USA simultaneously participate in the simulated trade transactions with one another.. Using a web-based software platform students play the role of simulated trading companies in their respective areas who are seeking to trade goods between Greater China (China including Hong Kong, Taiwan and Macau) region and Canada. For the purposes of this course, Canadian companies will be trading only with China and Taiwan, not with US.

Prerequisites: INTB 300 and ACCT 311.

INTB-497**Special Topics in International Business****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level INTB course and consent of the department chair or designate.

INTB-498**Independent Studies in International Business****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of international business. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance international business knowledge or practice or create meaningful results. **Note:** This course can be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

INTB-499**Honours Thesis - International Business****3 Credits**

Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.

Prerequisites: BUSN 496.

INTD-105**Interpersonal Skills Development****3 Credits**

This course provides students with the awareness, knowledge and skills to communicate effectively with individuals and groups from diverse backgrounds and cultures. As a basis for forming healthy and satisfying relationships, students engage in activities to increase their self-awareness and their understanding of non-verbal communication. They practice listening and sending skills, then apply these skills in helping relationships, and to resolve conflict. To equip students to live and work in a diverse environment, particular attention is given to the impact of culture in communication and relationships.

INTD-130**Cross Media Studies****3 Credits**

This course examines how literary themes and techniques are adapted into various genres and media. The works studied depend in any given year upon the interests and expertise of the instructor. The course may focus on a specific genre and then examine cross media works from within that genre, for example, film and prose in science fiction, or cinematic adaptations of the theatrical works of Shakespeare. Alternatively, the course could focus on a single medium that incorporates aesthetic elements from other media, such as graphic novels or hypertext fiction.

JAPN-101**Introductory Japanese I****3 Credits**

This is an introductory course for students with little or no background in Japanese or whose native language is not Japanese. The four language skills of oral/aural comprehension, speaking, as well as basic reading and writing are emphasized. In addition, students are acquainted with some aspects of Japanese culture. **Note:** Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. **Note:** Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30, 35 or equivalent cannot receive credit for this course.

JAPN-102**Introductory Japanese II****3 Credits**

This course is a continuation of JAPN 101. Students continue to acquire further oral/aural comprehension skills in introductory Japanese, and continue to develop reading and writing skills of approximately 70 Kanji. In addition, students develop their understanding of various aspects of Japanese culture. **Note:** Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30, 35 or equivalent cannot receive credit for this course.

Prerequisites: Minimum grade of C- in JAPN 101.

JAPN-201**Introductory Japanese III****3 Credits**

This course is designed for students who wish to develop further their oral/aural comprehension skills at the intermediate level of Japanese, as well as continue to develop reading and writing skills of approximately 90 Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture. **Note:** Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.

Prerequisites: Minimum grade of C- in JAPN 102.

JAPN-202**Introductory Japanese IV****3 Credits**

This course is a continuation of JAPN 201. Students continue to gain fluency in oral/aural comprehension at the intermediate level of Japanese, and continue to develop reading and writing skills of approximately 90 new Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture. **Note:** Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.

Prerequisites: Minimum grade of C- in JAPN 201.

LATN-101**Introductory Latin I****3 Credits**

This is an introductory course for students with little or no background in Latin. It includes the study of the fundamental grammatical structures, vocabulary, and morphology of Classical Latin so that students may read and understand simple Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises. **Note:** This course is not open to students with credit in Latin 30, 35, or any other matriculation level Latin course.

LATN-102**Introductory Latin II****3 Credits**

This course is a continuation of Introductory Latin I. Students continue their study of the elements of Classical Latin grammar and syntax, vocabulary, and morphology as they read increasingly difficult Classical Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises. **Note:** This course is not open to students with credit in Latin 30, 35, or any other matriculation level Latin course.

Prerequisites: Minimum grade of C- in LATN 101.

LATN-201**Latin Prose Composition****3 Credits**

In this course students continue their study of Classical Latin. Students complete their acquisition of Latin grammar and syntax, acquire additional vocabulary through detailed instruction in composition and translation into Latin. Students also continue to develop their skills in reading passages of introductory to intermediate level Latin. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises.

Prerequisites: A minimum grade of C- in LATN 102

LATN-301**Intermediate Latin I****3 Credits**

This course strengthens students' reading and writing skills in Latin. The course focuses on the reading of adapted Latin passages, with some reading of original intermediate Latin texts. Students apply their knowledge of complex syntactical, grammatical, and morphological structures to read, understand, and translate adapted and original intermediate Latin.

Prerequisites: Minimum grade of C- in LATN 102.

LATN-302**Intermediate Latin II****3 Credits**

In this sequel to LATN 301, students continue to strengthen their reading skills at the intermediate level in Latin. The course focuses on a specific genre of Latin literature (e.g., letter writing), or on one or two Latin authors (e.g., Tacitus, Virgil) whose works are read, translated and interpreted. The genre or author are determined by the instructor. Students learn additional vocabulary and continue their study of complex syntactical and grammatical structures through their reading of complex original Latin texts, but they also analyze the readings as literary or historical texts.

Prerequisites: Minimum grade of C- in LATN 301.

LATN-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

LATN-401**Directed Readings in Advanced Latin****3 Credits**

This individual study course permits a senior-level Latin student to read and analyze an author or theme in Latin literature under the guidance of an instructor through directed reading of selected texts, as well as relevant secondary scholarship.

Prerequisites: Minimum grade of C- in LATN 302 and consent of the department.

LATN-498**Advanced Independent Study****3 Credits**

This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

COURSE DESCRIPTIONS

LEGL-100

Introduction to Law I

3 Credits

Students are given an overview of the areas of substantive law that are of special interest to the office assistant student. Topics included are the judicial system and the constitution, contracts, tort law, criminal law, and civil law procedures.

LEGL-104

Introduction to Law II

3 Credits

Students continue the overview of substantive law provided in Introduction to Law I. The student is introduced to the law governing wills and inheritance, family law, personal property and real property. Students are introduced to the civil litigation process from the opening of a file through to drafting documents and procedure to trial. Students are introduced to the rules and procedures governing this area of law and learn how to draft pleadings and documents typically used in a litigation practice.

Prerequisites: LEGL 100.

LEGL-110

Introduction to Legal Research

3 Credits

Students are introduced to the fundamental elements of legal research including a study of primary and secondary research materials. This course focuses on the legal research tasks commonly undertaken in a legal working environment, including researching and citing case law, statutes and regulations.

LEGL-130

Corporate Procedures

3 Credits

Students learn the procedural and substantive law governing Alberta proprietorships, partnerships and corporations, and federal corporations, as well as the processes to create and maintain the registrations of such organizations.

LEGL-140

Introduction to the Law Office

3 Credits

Students examine the organization and operation of the law office. Topics covered include law office systems and billing, avoidance of unauthorized practice of law, ethics, dealing with the client, and time management. The Legal Profession Act and Rules of the Law Society of Alberta are reviewed.

LEGL-150

Residential Real Estate Transactions

3 Credits

Students learn how to assist a lawyer on a residential real estate transaction from opening to closing of the file. They master the basic principles of Alberta real estate law and the Alberta Land Titles system as these relate to the buying, financing and selling of residential properties. Students examine the Alberta Real Estate Association's approved Real Estate Purchase Contract and learn what searches are required, how to apply the results, prepare a Statement of Adjustments and other necessary documents on a mock file. Finally, they distinguish between and complete both traditional closings and Western Law Societies' Protocol closings.

LEGL-160

Civil Litigation Procedures I

3 Credits

Students are introduced to the steps taken on a civil litigation file. From opening the file, to preparing for trial and obtaining judgment, students work on mock files, drafting legal documents and tracking deadlines.

LEGL-170

Technology in the Law Office I

3 Credits

Students continue to work with word processing software used in legal offices in preparing documents relating to a law firm using advanced functions. Students achieve an intermediate level of competence which includes the ability to manage desktop and electronic files, incorporate tables and columns in documents, and produce brochures. Students are introduced to other software commonly used in law firms.

Prerequisites: OADM 103.

LEGL-180

Financial Procedures for the Law Office

3 Credits

Students study law office administration, with a focus on the procedures and concepts used in law office accounting/trust accounting.

LEGL-210

Business Law I

3 Credits

Students are introduced to the Canadian legal system and substantive areas of law that are of special interest to the business student. Topics of study include tort, contract, business ethics, agency, partnership and corporations. The student acquires a general knowledge of some of the basic principles of business law and is able to apply them to everyday business situations. **Note:** Students can obtain credit in only one of LEGL 105 and LEGL 210.

LEGL-211

Legal Research and Analysis

3 Credits

Students are introduced to the fundamental elements of legal research including analysis of primary and secondary research materials. This course focuses on legal research tasks and analysis, including researching and citing case law, statutes, regulations and legal treatises and monographs.

LEGL-212

Employment Law

3 Credits

Students examine the principles of employment law and its effects on human resources policies and procedures. Students apply contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. Legislation examined includes labour standards, human rights and privacy. This course does not discuss unionized workplaces.

LEGL-215**Commercial Transactions****3 Credits**

Students will apply legal principles to documentation for common business transactions such as confidentiality agreements, partnership agreements, unanimous shareholder agreements, various methods of commercial finance agreements, including secured transactions and equity financing. They will also master the principles and rules concerning the purchase and sale of commercial land and personal property, the purchase of a business enterprise through either purchase of shares of a corporation or by the purchase of assets of a business. They also master the rules of Alberta's Personal Property Registry system and learn how to interpret public registry search results.

LEGL-220**Criminal Law Procedures****3 Credits**

Students are introduced to substantive law as well as the procedures for criminal law in Canada. Topics include search and seizure powers, arrest, disclosure of information held by the Crown Prosecutor and trial processes.

LEGL-221**Criminal Law****3 Credits**

Students are introduced to substantive law as well as the procedures for criminal law in Canada. Topics include, definitions of offences, related defences, effect of the Charter of Rights on the administration of criminal law, search and seizure powers, arrest, disclosure of information held by the Crown Prosecutor and trial processes.

LEGL-230**Civil Litigation Procedures II****3 Credits**

Students review selected topics in the litigation process such as personal injury actions, settlement, experts, and civil appeals. Students begin with a discussion of automobile litigation and car insurance. Students explore alternatives to the litigation process. The emphasis is on document production in conformity with the Rules and Practice Directives.

Prerequisites: LEGL 160.

LEGL-240**Technology in the Law Office II****3 Credits**

Students increase proficiency with word processing software commonly used in legal settings and with machine transcription. Students develop proficiency in using other commonly used software including database and spreadsheet programs.

Prerequisites: LEGL 170.

LEGL-260**Credit and Collection Procedures****3 Credits**

Students learn practical aspects of creditors' rights, including relevant statute law. The emphasis is on provincial legislation and procedural rules relating to the bringing of a simple debt action and the various means of enforcing a judgment. Realizing on various security interests is also reviewed.

Prerequisites: LEGL 160 and LEGL 215.

LEGL-261**Creditor and Debtor Law****3 Credits**

Students learn significant aspects of creditors' and debtors' rights, including relevant statute and case law. The emphasis is on provincial legislation and case law relating to the bringing of debt collection processes and the various means of enforcing a judgment. The enforcement of various security interests and other creditor remedies such as landlords' rights of distress are also reviewed.

LEGL-270**Estate Procedures****3 Credits**

Students learn which assets form part of the estate of a deceased and which do not. They explore the intricacies of the law governing people who die without a will. They learn about Alberta's laws governing substitute decision-making and the relevant documents available. They learn basics of the law of wills and how to take instructions for and prepare a will for signature. Finally, they learn the law and procedures for two key court applications: application for probate and application for a dependent adult order, and they prepare those documents.

LEGL-280**Family Law Procedures****3 Credits**

Students learn the substantive and procedural law relating to family law matters, including divorce actions, family law chambers applications and desk divorce applications. Students complete a mock file, with emphasis on document production in conformity with the Rules and Practice Directives.

LEGL-290**Law Office Simulation****3 Credits**

Students prepare mock files independently in various areas of law in a simulated office setting. Students are expected to prioritize and organize workloads while demonstrating the professionalism required of staff in a law office.

LEGL-295**Legal Fieldwork****3 Credits**

Students gain practical experience over a 5-week period by observing the work and responsibilities of personnel working in a law office. Students participate in the operation of a law office, working as student interns under the supervision of law office personnel.

Prerequisites: LEGL 110, 140, 180, 210, 220, 230, 240 or consent of the program.

LEGL-308**Administrative Law and the Regulatory Environment****3 Credits**

Students are introduced to the law that determines how the powers of government and regulatory authorities affect citizens, companies and organizations. Students will gain insight into the governance of modern society through statutory regulations, tribunals and agencies created by government and supervised by the courts.

The law is discussed in terms of principles applicable to the boards' hearings and what principles of review and appeal are possible to the Courts. The relationship between the citizen and government is explored by examining specific commissions and authorities established by government.

LEGL-310**International Business Transactions****3 Credits**

Students are introduced to the principles of international law with an emphasis on international business transactions such as importing, exporting, (direct and indirect), and export transaction costs and electronic commerce. In addition, students apply principles of ethics to international commerce. Students discuss and evaluate international commodity, capital, and knowledge markets and the global and transnational forces that are shaping the management of enterprises and organizations. The fluidity of international financial and information capital markets and the ease of transfer of both through modern communication media form the background for the study of international business and legal environments.

LEGL-312**Legal Issues in the Workplace****3 Credits**

Students apply the principles of employment law with an emphasis on analysis of legal risks and liabilities. The course surveys important legal issues that arise between employers and non-unionized employees. The course applies contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. This course does not discuss unionized workplaces.

LEGL-315**Business Law II****3 Credits**

Students examine selected business law topics including the Sale of Goods Act and consumer protection legislation, priority of creditors and enforcement of secured and unsecured debt obligations, the law of personal and real property including enforcement of mortgages along with bailment of personal property and landlord and tenant relationships. The course concludes with an introduction to the various forms of intellectual property including copyright, patents, trademarks, and industrial designs. In addition, the student learns about common law protection of confidential information and trade secrets along with protecting intellectual property in the online environment.

Prerequisites: LEGL 210.

LEGL-320**Law of Business Organizations****3 Credits**

Students are introduced to the three principal forms of business organization (proprietorships, partnerships, corporations) including variations of these forms such as limited partnerships, limited liability partnerships, professional corporations as well as distributing and non-distributing corporations. Students evaluate the advantages and costs of all three forms pertinent to business persons in Alberta and Canada. Topics include liability and duties of directors and officers of corporations and shareholders' rights and remedies. Students are introduced to the process of forming a simple non-distributing corporation in Alberta. Students need not have taken any previous Business Law course to benefit from this course.

LENP-312**Intro to Non-Profit Management****3 Credits**

Students study contemporary management and leadership in non-profit/voluntary sector organizations. Students discuss the local and global impact of non-profit/voluntary sector organizations on the quality of life and economy of communities. Internal and external influences on management and leadership are considered. Topics include the unique purpose of non-profit organizations, legal and ethical considerations, board governance, volunteer involvement, and fund development.

Prerequisites: ORGA 201.

LING-100**Introduction to Human Language****3 Credits**

This course is an introduction to how human language works: how it is structured, learned, used, studied, and how it changes through time. Examples from English and other languages around the world are discussed. **Note:** LING 100 makes a nice complement to LING 101, but neither course is a prerequisite or a co-requisite for the other. This course does not fulfill the analytical component of the Arts degree.

LING-101**Introduction to Linguistic Analysis****3 Credits**

Linguistics is best known as the "scientific study of language." This course introduces both language as a general phenomenon and the methodology of modern descriptive linguistics. The course of study covers the fundamental topics of phonetics, phonology, morphology, syntax, and semantics. **Note:** LING 100 is a nice complement to LING 101, but neither course is a prerequisite or a co-requisite for the other.

LING-204**Syntax of English****3 Credits**

This course covers linguistic analysis of the syntax of modern English, including discussion of both the regularities and irregularities at the word, phrase, clause, and sentence level of structure.

Prerequisites: Minimum grade of C- in LING 101.

MARK-301**Fundamentals of Marketing****3 Credits**

Students are introduced to important concepts in marketing theory and their applications to real-life business activities. Students examine various marketing strategies and how they apply within the context of business environments. Students also examine consumer behaviour and the marketer's ethical and social responsibilities. **Note:** Restricted to Bachelor of Commerce, Asia Pacific Management, and Business Studies Minor students.

Prerequisites: BUSN 201 and ECON 101.

MARK-310**Consumer Behaviour****3 Credits**

Students apply theory of the consumer decision-making process and develop a marketing plan that is based upon consumer behaviour concepts. Students will explore the facets of consumer behaviour as they relate to corporate social responsibility. Topics include: the consumer decision-making process, individual determinants of consumer behaviour, environmental influences of consumer behaviour and the marketer's influence on consumers.

Prerequisites: MARK 301.

MARK-312**Marketing Research****3 Credits**

Students examine marketing research concepts and methods in business. Students formulate and structure marketing problems, recommend the marketing research design that should be undertaken, gather and analyze qualitative and quantitative marketing data, and make effective decisions based on those data. Students will be able to design and conduct some important analyses themselves. The skills covered in this course are applicable to marketing problems encountered in both consumer and business-to-business markets, and public and private sectors. Students are expected to have basic familiarity with statistical packages.

Prerequisites: BUSN 201, MARK 301 and MGTS 103.

MARK-314**Marketing Metrics****3 Credits**

Students examine the critical role of analysis in marketing decision-making and learn how to use and interpret marketing metrics in the development, implementation and evaluation of the marketing strategy. Students enhance their analytical capabilities through applying marketing metrics. The course emphasizes practical analysis, using numbers to make better marketing decisions.

Prerequisites: MARK 301 and FNCE 301.

MARK-403**International Marketing****3 Credits**

Students broaden their marketing knowledge by building upon knowledge and issues associated with the international context of the marketing of products and services. Topics include: differences between domestic and international marketing; cultural, political and legal aspects of marketing internationally; market entry strategy, promotional, pricing and product strategies; international marketing management; and elements of international market research. Students design and prepare an international marketing plan.

Prerequisites: MARK 301.

MARK-412**Service Marketing****3 Credits**

Students examine the marketing of services in private, public, and non-profit organizations. Students apply service marketing theory to a variety of service-based organizations. Topics include customer relationship management, customer satisfaction, service quality, employees' and customers' role in service delivery, and the services marketing mix factors.

Prerequisites: MARK 301.

MARK-414**Electronic Marketing****3 Credits**

Students apply the principles of marketing to the electronic marketplace. Through the study of the theory and best practices in electronic marketing, students learn to design, assess and implement e-marketing strategies and solutions for business working in a global environment.

Prerequisites: MARK 301.

MARK-416**Business to Business Marketing****3 Credits**

Students learn major concepts related to business-to-business (B2B) marketing and purchasing with a special focus on business relationships and networks. Students explore similarities and differences between marketing to consumers and marketing to businesses. The course focuses on contemporary trends in organizational marketing theory and practice and the implications of the electronic and global arena for organizational markets.

Prerequisites: MARK 301.

MARK-418**Personal Selling and Sales Management****3 Credits**

Students examine the role of sales in contemporary business organizations with a focus on the formulation, implementation, and evaluation of a strategic sales program. Specific topics include the process of personal selling, the strategic nature of sales management, selecting and recruiting a sales force, and designing a sales force organization. Additional topics include developing account management policies of salesperson performance, and ethical and legal issues in sales management. The course includes a mix of conceptual and applied approaches to provide a balanced view of sales management.

Prerequisites: MARK 301.

MARK-420**Product Management****3 Credits**

Students examine the development and management of new products in contemporary organizations. Students learn to use market research data and marketing models for a new product development and management. Topics include opportunity identification and selection of a product, generation of a product concept, concept evaluation, development of new product market testing and launching of a product.

Prerequisites: MARK 301.

MARK-440**Strategic Marketing - Research to Practice****3 Credits**

Students learn how to integrate and manage market information in complex and dynamic environments. Taking advantage of the latest marketing research results, students address marketing challenges and develop marketing strategies for evolving conditions. Students work on specific marketing cases to integrate the marketing strategy with the overall organizational strategy.

Prerequisites: MARK 310, MARK 312 and MARK 314.

MARK-497**Special Topics in Marketing****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level MARK course and consent of the department chair or designate.

MARK-498**Independent Studies in Marketing****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of marketing. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance marketing knowledge or practice or create meaningful results. **Note:** This course can be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

MARK-499**Honours Thesis - Marketing****3 Credits**

Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.

Prerequisite: BUSN 496

MATH-010C**Math 10 Common****5 Credits**

Mathematics 10 Common is equivalent to Alberta Education's Math 10C. This course is intended to prepare students for further studies in high school mathematics. Students who successfully complete Math 10 Common can either continue on to Math 20-1 and then Math 30-1 or Math 20-2 and then Math 30-2. Topics studied in Math 10 Common include measurement, right triangle trigonometry, powers, irrational numbers, polynomials and factoring, functions and relations, coordinate geometry, and linear systems of equations. Emphasis is placed on understanding, application, and effective communication of mathematical concepts.

Prerequisite: Completion of Math 9, Math 10 Prep or equivalent.

MATH-010R**Mathematics Preparation 10****5 Credits**

Math Prep. 10 is designed to meet the needs of Grade 10 students who wish to enroll in Math 10 Common but do not possess the prerequisite skills. Topics include: fractions and integers, rates, ratios, proportions, percents, exponents, linear equations, polynomials, measurement and geometry.

Prerequisites: Grade 9 math or equivalent.

MATH-020-1
Mathematics 20-1

5 Credits

Math 20-1 is equivalent to Alberta Education's Math 20-1 course. Most students who enroll in Math 20-1 intend to continue onto Math 30-1. Some of the topics studied in Math 20-1 include quadratic functions and equations, radical expressions and equations, rational expressions and equations, the absolute value and reciprocal of functions, linear and quadratic inequalities, sequences and series, law of sines and cosines, and angles in standard position. Problem solving and application of concepts are emphasized throughout the course.

Prerequisites: Math 10C or equivalent.

MATH-020-2
Mathematics 20-2

5 Credits

Math 20-2 is equivalent to Alberta Education's Math 20-2 course. Most students who enroll in Math 20-2 intend to continue onto Math 30-2. Some of the topics studied in Math 20-2 include rates and unit rates, scale factors, inductive and deductive reasoning, laws of sines and cosines, radical expressions and equations, quadratic functions and equations, standard deviation, normal distribution, confidence intervals, and margin of error. Problem solving and application of concepts are emphasized throughout the course.

Prerequisites: Math 10C or equivalent.

MATH-030-1
Mathematics 030-1

5 Credits

Mathematics 030-1 (Math 030-1) is equivalent to Alberta Education's Mathematics 30-1 course. Students who enroll in Math 030-1 will most likely continue onto post-secondary programs that require the study of calculus. Some of the topics studied in Math 030-1 include trigonometric functions, equations, and identities, transformations and inverse of functions, exponential and logarithmic functions and equations, polynomial functions and equations, rational and radical functions, permutations, combinations, and the binomial theorem. Problem solving and application of concepts are emphasized throughout the course.

Prerequisites: Mathematics 020-1 or equivalent.

MATH-030-2
Mathematics 030-2

5 Credits

Mathematics 030-2 (Math 030-2) is equivalent to Alberta Education's Mathematics 30-2 course. Students who enroll in Math 030-2 will most likely continue onto post-secondary programs that do not require the study of calculus. Some of the topics studied in Math 030-2 include set theory, fundamental counting principal, permutations and combinations, probability of mutually exclusive and non-mutually exclusive events, probability of dependent and independent events, rational expressions and equations, exponential and logarithmic functions and equations, polynomial and sinusoidal functions. Problem solving, logical reasoning, and application of concepts are emphasized throughout the course.

Prerequisites: Math 020-2 or equivalent.

MATH-030P
Pure Mathematics 30

5 Credits

Pure Math 30 is equivalent to Alberta Learning's Pure Math 30. It is designed as a preparation course for university mathematics. The course includes the following topics: trigonometry, conic sections, exponential and logarithmic functions, combinatorics, probability and statistics.

Prerequisites: MATH 020P or equivalent.

MATH-031
Math 31

5 Credits

Math 31 is equivalent to Alberta Learning's Math 31. The course focuses on the study of calculus and linear algebra, both as ends in themselves and as tools in developing problem solving skills and analytical thought processes.

Prerequisite or Co-requisite: Pure Math 30 or equivalent.

MATH-099
Precalculus Mathematics

3 Credits

This course reviews and extends the mathematical concepts needed to be successful in university level calculus. Topics include graphing, equations of lines, inequalities, review of elementary algebra, functions, and trigonometry.

Prerequisites: Mathematics 30-1 or Mathematics 30-2.

MATH-100
Calculus I

3.5 Credits

This course provides an introduction to the fundamentals of calculus. The students learn about rectangular coordinates, analytic geometry, transcendental functions, inverse functions, limits, continuity, derivatives and applications, Taylor polynomials, integration and applications. **Note:** This course is restricted to Engineering students. Credit can only be obtained in one of MATH 100 or MATH 113 or MATH 114.

Prerequisites: Mathematics 30-1 and Mathematics 31.

MATH-101
Calculus II

3.5 Credits

This course provides a continuation of the study of Calculus. Students learn about techniques of integration, arc length, area of a surface of revolution, applications to physics and engineering, first order ordinary differential equations (separable and linear), infinite series, power series, Taylor expansions, polar coordinates, rectangular coordinates in R^3 , parametric curves in the plane and space (graphing, arc length, curvature), normal, binormal, tangent in R^3 . **Note:** This course is restricted to Engineering Program students. Credit can only be obtained in one of MATH 101 or MATH 115.

Prerequisites: Minimum grade of C- in MATH 100.

MATH-102**Applied Linear Algebra****3.5 Credits**

This course provides an introduction to the fundamentals of linear algebra and some of their applications. The course content includes vectors and matrices; solutions of linear equations; equations of lines and planes; determinants; matrix algebra, linear transformations and their matrices; general vector spaces and inner product spaces; orthogonality and Gram-Schmidt process; eigenvalues and eigenvectors; and complex numbers. **Note:** This course is restricted to Engineering students. MATH 100 may be taken as a co-requisite with consent of the department. The course may not be taken for credit if credit has already been obtained in MATH 120 or MATH 125.

Prerequisites: MATH 100.

MATH-112**Calculus with Business Applications****3 Credits**

This course examines the differentiation and integration of algebraic, exponential and logarithmic functions including applications to business and economics. Topics include: limits; differentiation of algebraic, exponential and logarithmic functions; curve sketching; optimization; introduction to integration; partial differentiation; Lagrange multipliers.

Note: This course is only open to students in the Bachelor of Commerce program. This course may not be taken for credit if credit has already been obtained in MATH 113 or MATH 114.

Prerequisites: Mathematics 30-1.

MATH-114**Elementary Calculus I****3 Credits**

This course examines the fundamental concept of limits, differentiation and integration. Limits and differentiation of algebraic and trigonometric functions are studied along with applications including related rates, optimizing and curve sketching. This course concludes with a study of Riemann sums, the Fundamental Theorem of Calculus and substitution.

Note: Students who have received credit in MATH 113 or MATH 100 may not take MATH 114 for credit.

Prerequisites: A minimum grade of 80% in Mathematics 30-1, or successful completion (50% or better) of Mathematics 31, or Minimum grade of C- in MATH 099, or successful completion of the MATH 114 gateway exam.

MATH-115**Elementary Calculus II****3 Credits**

This course investigates the differentiation and integration of trigonometric, exponential and logarithmic functions. Indeterminate forms and improper integrals are studied, as well as the techniques and applications of integration. **Note:** Credit can only be obtained in one of MATH 115 or MATH 101.

Prerequisites: Minimum grade of C- in MATH 114.

MATH-120**Basic Linear Algebra I****3 Credits**

This is an introduction to the basic notion and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and real world applications. **Note:** This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 125. Students who are planning to transfer into Engineering or students planning to take further courses in algebra should take MATH 125 rather than MATH 120.

Prerequisites: Mathematics 30-1 or a minimum grade of 80% in Mathematics 30-2.

MATH-125**Linear Algebra I****3 Credits**

This is an enriched introduction to the basic notion and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, applications. **Note:** The course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth. This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 120. Students who are planning to transfer into Engineering or students planning to take further courses in algebra should take MATH 125 rather than MATH 120.

Prerequisites: Mathematics 30-1.

MATH-160**Higher Arithmetic****3 Credits**

This course emphasizes the development of clarity in the understanding of mathematical ideas and processes, communication of these ideas to others, and application of these ideas to problem solving. Both inductive and deductive methods are explored in the study of elementary number theory, numeration systems, operations on integers and rational numbers, and elementary probability theory. **Note:** This course is restricted to Elementary Education students.

Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the gateway exam.

MATH-170**Mathematics for The Liberal Arts****3 Credits**

This course examines various mathematical concepts and problem solving techniques and provides functional mathematical literacy for those majoring in liberal arts programs. Students will learn how to solve a wide variety of problems with different mathematical methods with emphasis on logic and relevance, historical connections as well as the beauty and purpose of mathematics. **Note:** This course fulfills the analytical component of the Arts degree.

MATH-200**Fundamental Concepts of Math****3 Credits**

This course provides an introduction to axiomatic systems and mathematical proof. These ideas are developed using examples taken primarily from set theory and number theory.

Prerequisites: Minimum grade of C- in MATH 120 or MATH 125.

MATH-214**Intermediate Calculus I****3 Credits**

This course completes the study of single-variable calculus and introduces students to the basic concepts of multi-variable calculus. Topics in single-variable calculus include area and arc length of plane curves defined by parametric or polar equations, infinite series, and power series. Topics in multi-variable calculus include: vector functions and space curves, functions of several variables and partial derivatives with applications.

Prerequisites: Minimum grade of C- in MATH 115.

MATH-215**Intermediate Calculus II****3 Credits**

This course continues the study of multivariable calculus. Topics include: curves, tangent vectors, arc length; integration in two and three dimensions; polar, cylindrical and spherical coordinates; line and surface integrals, Green's, divergence and Stokes' theorems; first and second order linear differential equations.

Prerequisites: Minimum grade of C- in MATH 214.

MATH-222**Discrete Mathematics****3 Credits**

This course is an introduction to discrete mathematics, covering coding, cryptography, induction and recursion, and graph theory. Secret codes, error-detecting and error-correcting codes are introduced. Induction and recursive definitions are described. The Eulerian tour is used to illustrate graph definitions and properties.

Prerequisites: Minimum grade of C- in any 100-level mathematics course.

MATH-225**Linear Algebra II****3 Credits**

This course introduces the theory of vector spaces, inner product spaces, linear transformations and diagonalization. Specific topics of study include Euclidean n-space, spaces of continuous functions, matrix spaces, Gram-Schmidt process, QR-factorization, least squares method, change of basis, eigenspaces, orthogonal diagonalization, quadratic forms, matrices of transformations and similarity. Various applications are presented.

Prerequisites: Minimum grade of C- in MATH 120 or MATH 125.

MATH-228**Algebra: Introduction to Ring Theory****3 Credits**

This course is an introduction to the theory of rings including integral domains, division rings, ring homomorphisms, ideals, quotient rings, fields of quotients, rings of polynomials, irreducible polynomials, Euclidean domains and fields. Specific topics include the well-ordering axiom, the Binomial Theorem, the Euclidean algorithm, the Fundamental Theorem of Arithmetic, and the Chinese Remainder Theorem.

Prerequisites: Minimum grade of C- in MATH 200 and in either MATH 120 or MATH 125.

MATH-241**Geometry****3 Credits**

The course explores Euclidean Geometry as an axiomatic system, based on invariance under the group of isometries (rigid motions). The material includes congruence, parallelism, similarity, and the theory of measurements based on continuity axioms. The notion of circumference is introduced and treated rigorously. Problem solving is an important component of the course. The problems include proofs, finding loci, and constructions. Transformations in the Euclidean plane are used as a problem-solving tool. Additional topics include elementary logic, equivalence relations, and proofs by induction.

Prerequisites: Minimum grade of C- in any 100-level mathematics course.

MATH-260**Logic and Reasoning for Teachers****3 Credits**

This course explores the basic notions and methods of Algebra, and introduces the students to reasoning and problem solving in different areas of mathematics like geometry, elementary graphing, and combinatorics. **Note:** This course is restricted to Elementary Education students.

Prerequisites: Minimum grade of C- in MATH 160.

MATH-310
Real Analysis**3 Credits**

In this course a rigorous treatment of limit processes in one variable is presented. Topics include real numbers, sequences, limits, continuous functions, differentiation, the Riemann integral and the topology of the real number system.

Prerequisites: Minimum grade of C- in MATH 214 and in either MATH 200 or MATH 241.

MATH-311
Theory of Functions of a Complex Variable**3 Credits**

This course provides an introduction to the fundamental concepts of single variable complex analysis. The main topics include analytic functions, complex power series, Cauchy's Integral Theorem, Cauchy's Integral Formula, the residue theorem and applications to improper real integrals and Fourier transforms.

Prerequisites: Minimum grade of C- in MATH 215.

MATH-312
Probability Theory**3 Credits**

This course offers a rigorous approach to probability theory. Topics covered include basic concepts of probability theory, univariate and multivariate probability distributions, discrete and continuous random variables, expectation, moment generating and characteristic functions, different types of convergence and relationships between them, and basic limit theorems. **Note:** This course may not be taken for credit if credit has been obtained in STAT 312.

Prerequisites: Minimum grade of C- in MATH 215, STAT 265, and in one of MATH 120 or MATH 125.

MATH-320
Elementary Number Theory**3 Credits**

Elementary methods in number theory are presented. The following topics are included: divisibility, linear Diophantine equations, prime numbers, the fundamental theorem of arithmetic, congruences, the Chinese remainder theorem, Fermat's little theorem, arithmetic functions, Euler's theorem, primitive roots, quadratic residues, applications of number theory.

Prerequisites: Minimum grade of C- in MATH 200.

MATH-321
Fields and Modules**3 Credits**

This course builds on the knowledge of rings and fields obtained in MATH 228, and introduces the student to basic module theory. Topics studied include finite fields, quadratic number fields and algebraic field extensions, the Fundamental Theorem of Algebra, modules, and Noetherian rings.

Prerequisites: Minimum grade of C- in MATH 225 and MATH 228.

MATH-330
Ordinary Differential Equations**3 Credits**

This course provides techniques for solving ordinary differential equations and systems of first order equations and investigates the qualitative nature of solutions of dynamical systems. Topics covered include first order equations, linear equations of higher order and linear dynamical systems with constant coefficients.

Prerequisites: Minimum grade of C- in MATH 120 or MATH 125 and in MATH 214.

MATH-335
Numerical Methods**3 Credits**

This course presents numerical methods for solving problems in linear algebra, non-linear equations, interpolations, approximation of functions, differentiation and integration. The numerical algorithms are illustrated using an appropriate computer programming language and specific libraries.

Prerequisites: Minimum grade of C- in MATH 214 and in one of MATH 120 or MATH 125 or CMPT 101.

MATH-341
Modern Geometries**3 Credits**

This course explores Euclidean and Non-Euclidean plane geometries from the viewpoint of Klein's Erlangen program, based on invariance under groups of transformations in the extended complex plane. Mobius geometry is introduced, and Euclidean, hyperbolic, and elliptic geometries are studied as its subgeometries. The differences in axiomatics and results of the Euclidean and Lobachevsky – Bolyai geometries are discussed based on the disc model of hyperbolic geometry. Elliptic geometry is considered as another Mobius subgeometry.

Prerequisites: Minimum grade of C- in MATH 241, and in either MATH 120 or MATH 125.

MATH-350
Introduction to Graph Theory**3 Credits**

This course discusses graphs and digraphs, paths and cycles, trees, planarity, colouring problems and matching problems. In addition, graph algorithms and some applications to other disciplines are studied.

Prerequisites: Minimum grade of C- in either MATH 120 or MATH 125, and a minimum grade of C- in either MATH 200 or MATH 222

MATH-361
History of Mathematics**3 Credits**

The course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in the nineteenth century. It emphasizes the events that led to the development of modern and classic mathematics from a problem solving perspective. Biographies of famous mathematicians complement the abstract concepts of mathematics.

Prerequisites: Minimum grade of C- in any two 200-level mathematics courses.

MATH-410**Analysis and Topology****3 Credits**

This course continues the study of analysis begun in MATH 310 and examines topology in metric spaces, function spaces, and calculus in \mathbb{R}^n . Specific topics covered will include: connectedness and compactness; uniform continuity, equicontinuity; Arzela-Ascoli and Stone-Weierstrauss theorems; differentiation and integration in \mathbb{R}^n , implicit and inverse functions theorems, differential forms and the generalized Stokes' theorem.

Prerequisites: Minimum grade of C- in MATH 225 and MATH 310.

MATH-420**Groups and Galois Theory****3 Credits**

This course is a treatment of symmetry, beginning with groups, then developing the ideas of Galois theory, and finishing with the quintic equation. Topics include groups, normal subgroups, quotient groups, Cayley's Theorem, the Class equation, permutations, group actions, the Sylow theorems, splitting fields, Galois extensions, the Main Theorem of Galois theory, Kummer extensions, cubic, quartic and quintic equations.

Prerequisites: Minimum grade of C- in MATH 321.

MATH-430**Applied Dynamical Systems****3 Credits**

The course discusses dynamical systems, both continuous and discrete. Linear, planar and higher-dimensional systems are considered. An introduction to nonlinear systems and bifurcation theory is presented. Periodic solutions, chaotic attractors, basic notions of discrete dynamical systems, and deterministic chaos are discussed. Applications in biology and other areas, classical and modern applications in biology and other areas are covered.

Prerequisites: Minimum grade of C- in MATH 215, MATH 225 and MATH 330.

MATH-436**Introduction to Partial Differential Equations****3 Credits**

The goal of this course is to introduce the student to the mathematical modeling of classical physical systems such as vibrating systems, diffusive processes and steady state phenomena. The course starts with a rigorous introduction of the first-order and linear second-order partial differential equations (PDEs) followed by elements of Fourier analysis. The method of characteristics is used to find and interpret classes of solutions for the above models. The lab component will familiarize the student with formal and numerical manipulations of PDE's. The main scope of the lab is to enable the student to visualize and discuss solutions for classical models for PDE's.

Prerequisites: Minimum grade of C- in MATH 310 and MATH 330.

MATH-495**Special Topics in Mathematics****3 Credits**

In this course students examine an advanced topic of specialization in mathematics. Topics covered vary from year to year. Consult with faculty members in Mathematics for details regarding current offerings. **Note:** This course may be taken multiple times for credit.

Prerequisites: Minimum grade of B- in a 300-level Math course and permission of the department.

MGMT-107**Business Computing****3 Credits**

Students develop foundational computer skills in the areas of file management, word processing, spreadsheet analysis, presentation development, and emerging technologies in order to support subsequent courses in their university career and to prepare them for the business world. Students solve business problems through data analysis, financial forecasting, and the use of Internet communication tools.

MGMT-111**Financial Math****3 Credits**

Managers in all organizations must be able to understand and apply mathematical concepts. Students in Financial Math review basic math and then apply the concepts in a merchandising environment to determine revenues, cost and profits. Borrowing, lending and investing money are addressed through the calculation of simple and compound interest, annuities, loans and sinking funds. Basic descriptive statistics are also introduced.

Prerequisites: Pure Math 30 or Applied Math 30 or successful completion of the Skills Appraisal.

MGMT-114**Personal Finance and Money Management****3 Credits**

Personal Finance and Money Management develops your skills as a financial manager for your own resources and assets. The course focuses on the money and assets that you have now and in the future. The personal money management marketplace is evaluated with emphasis on balancing risks, returns and avoiding pitfalls in personal investing. Reference is made to computerized personal financial management software. A number of simulations and research projects are conducted to assist your problem-solving competency in this area. Practical problems are discussed and potential solutions presented in class to help you achieve this objective.

MGMT-117**Investment Funds in Canada****3 Credits**

Students acquire the knowledge and skills required to assist customers to make their investment choices and match their needs with products available in the financial marketplace. Risk and return characteristics, consumer protection regulations, and customer service are addressed in relation to mutual funds, securities, and investment products. Upon successful completion of the course and the Institute of Canadian Bankers exams, students are eligible to obtain a Certificate from the Institute of Canadian Bankers and be licensed to sell mutual funds in Canada.

MGMT-121**Principles of Management****3 Credits**

Students examine the theories and practice of the role of a manager in a Canadian organizational setting and within the global business environment. Discussions and activities focus on the functions and roles of management as they relate to both the organization's specific resources and capabilities internally and forces and institutions outside the organization that potentially affect the organization's performance. Students also develop and utilize problem-solving and decision-making skills both individually and in small groups.

MGMT-122**Organizational Behaviour****3 Credits**

Students examine the impact of individuals and groups on behaviour within organizations. Students work individually and in groups to explore introductory theories and practice of personality and perception, diversity, motivation, small group dynamics, communication, change and leadership within the organizational context.

MGMT-126**Introduction to Conflict Management****3 Credits**

This course is an introduction to the theory and practice of conflict management and alternative dispute resolution in organizational settings. Students integrate theoretical frameworks with conflict resolution practices in increasingly complex business related disputes through use of discussion, case analysis, and in class simulations. Emphasis is on the development of negotiation and mediation skills in dispute contexts.

Prerequisites: MGMT 122.

MGMT-131**Marketing****3 Credits**

Students examine basic decisions made by business in developing, distributing, promoting, and pricing of goods and services. Students learn to analyze buyer decision processes and to convert this information into reasonable marketing strategies. Through readings and projects, students acquire basic knowledge of the methods available for solving marketing problems.

MGMT-132**Retail Merchandising****3 Credits**

Students receive an introduction to key principles and practices in operating a successful retail outlet. Emphasis is placed on the key managerial and policy issues involved in the design, implementation and assessment of the retail strategy. Students explore several areas relating to the institution of retailing and elements of the retail environment.

MGMT-141**International Business****3 Credits**

Students are introduced to the fundamental concepts, issues and practices in international business. International trade theory; entry into foreign markets; and political, economic, legal and cultural differences that influence business practices are discussed. Students acquire knowledge of the basic skills and attitudes required to become a successful international business practitioner.

MGMT-142**International Marketing****3 Credits**

This course provides a comprehensive overview of the way in which consumer and industrial goods and services are marketed at the international level. Marketing intelligence, product planning, export pricing, promotion, distribution channels and the adaptation of the marketing mix to foreign markets are analyzed. The student develops an international marketing plan by the end of the course.

Prerequisites: MGMT 131. May also be taken as a co-requisite.

MGMT-211**Business Finance****3 Credits**

All businesses are required to make long-term financial decisions. Managers must raise capital, through the use of debt or equity, and invest that capital in projects that will produce an acceptable return. Learners are introduced to the major tools in this area including financial statement analysis, bond and stock valuation, and capital budgeting techniques such as net present value, internal rate of return and payback.

Prerequisites: ACCT 111, ACCT 215, and FNCE 113.

MGMT-231**Sales****3 Credits**

Students explore the philosophies and approaches to the personal selling process. The course emphasizes the benefits of developing a consultative approach to selling. Focusing on the customer and not on the transaction is the fundamental element in developing long-term business relationships, providing value and establishing differentiation in the marketplace.

MGMT-232**Marketing Management****3 Credits**

Students develop their skills in making strategic marketing decisions from the perspective of a marketing manager. Qualitative and quantitative analysis are emphasized. The use of financial analysis to assess impacts of marketing decisions is a major focus of this course. Students use a case-based approach to develop understanding and skills in assessing marketing decisions in areas such as product, pricing, promotion, and distribution.

Prerequisites: ACCT 218 AND MGMT 131.

MGMT-240**Business Research and Report Writing****3 Credits**

This course introduces students to key concepts and practices used in business research and report writing. Topics include qualitative and quantitative research methods, research ethics, and research report writing in business. Students examine and evaluate business research that informs business practice in a variety of areas, including marketing, human resources, organizational behaviour, general management and other areas of interest. Students work in groups to undertake a major field research project and produce a written report for a client organization.

Prerequisites: ACCT 215, MGMT 122 & MGMT 131.

MGMT-260**Strategic Management****3 Credits**

Students build on and utilize the foundation of earlier management coursework to scan environments, diagnose problems and analyze opportunities, create strategies for action, plan implementation, and evaluate results from an increasingly strategic perspective. Students work both individually and collaboratively in applying strategic decision-making skills to complex situations as presented by significant business case studies.

Prerequisites: MGMT 121, MGMT 122, MGMT 131, ACCT 218.

MGMT-261**Integrated Management Practice****3 Credits**

In this capstone course, students integrate learning from previous courses such as management, accounting, finance, marketing, business research and human resources management. Focusing on the strategic application of management theory from these areas, students demonstrate the ability to translate learning into effective management practice both individually and as part of a team. The core learning activity in this course is a business strategy simulation.

Prerequisites: HRMT 200 and (MGMT 211 and MGMT 240) or (ACCT 218 and MGMT 131 and PGMT 125).

MGMT-301**Introduction to Property Management****3 Credits**

Students learn the scope and responsibilities of a commercial and residential property manager. Topics include: ethics in property management, financial analysis and forecasting, client management and the regulatory framework of real estate management.

Prerequisites: FNCE 113 or MATH 112 or MATH 113.

MGMT-312**Entrepreneurship****3 Credits**

Students explore entrepreneurship with a view to potentially becoming an independent business person. The topics investigated are essential to the development of a sound business plan and appropriate infra-structure for a variety of small business ventures.

Prerequisites: FNCE 113 or MATH 112 or MATH 114 or MATH 120 and either: (ACCT 218, MGMT 121, MGMT 122, MGMT 131) or (ACCT 322, MARK 301 and ORGA 201).

MGTS-103**Probability and Statistics I****3 Credits**

Students are introduced to probability; discrete and continuous random variables and probability distributions; expectation and variance; normal and binomial distribution; sampling; sampling distributions for means and proportions. Students are expected to have basic familiarity with computer applications including spreadsheets. **Note:** Credit can be obtained in only one of STAT 141, STAT 151, MGTS 103, MGTS 200 or MGTS 301.

MGTS-312**Probability and Statistics****3 Credits**

Students develop knowledge and skills related to multiple regression analysis, model building techniques and related methods within the context of a business environment. Although students are expected to have a basic familiarity with computer applications including spreadsheets, necessary computing skills will be taught as the course proceeds.

Prerequisites: MGTS 103 or STAT 151 or STAT 141 or equivalent.

MGTS-352**Operations Management****3 Credits**

This is a problem-solving course where students explore the managerial and strategic considerations of operations management decisions by examining and applying techniques such as capacity management, inventory management and control methods, waiting line theory, forecasting, project management and control techniques, and other operations management topics. Spreadsheet modeling is used to implement some of these techniques.

Prerequisites: One of MGTS 103 or STAT 141 or STAT 151 or ACCT 215.

MGTS-497**Special Topics in Management Science****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level MGTS course and consent of the department chair or designate.

MGTS-498**Independent Studies in Management Science****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management science. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and out comes that will advance management science knowledge or practice or create meaningful results.

Note: This course can be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

MSYS-200**Introduction to Management Information Systems****3 Credits**

Students examine the interaction of technology and information in supporting the development of a business strategy. Students apply systems analysis, design, implementation, and post implementation review methodologies. Through academic research and case study analysis, students integrate current best practices with emerging technology to meet a variety of business challenges. Students prepare and present a formal report to the CEO of a mock corporation.

Prerequisites: BUSN 201.

MTST-108**Massage Therapy Foundations****2 Credits**

This course provides the student with the fundamental knowledge about the massage therapy profession, as well as an in-depth examination of medical terminology. An overview of the profession of massage therapy including history, current and future trends are explored. In addition common terminology used in the study of anatomy, physiology, massage theory and techniques are introduced.

MTST-109**Palpation Lab****1 Credit**

Developing well refined tactile abilities is an essential skill for a massage therapist. Palpation lab is an experiential based course focusing on important anatomical landmarks including such structures as muscle, bone, joints, nerves, arteries and ligaments. The goal of this course is to develop the skills to accurately palpate and identify common anatomical structures of the human body.

MTST-115**Functional Survey for Massage Therapists****1 Credit**

Information and techniques to provide a functional survey of the wellness status of clients seeking massage therapy are presented. Students learn to differentiate normal and abnormal findings and recognize clinical manifestations of abnormal findings. Hygiene and safety issues are addressed.

MTST-120**Human Anatomy I****3 Credits**

This course is an in-depth study of the anatomical structures of the head, neck, trunk, abdomen, upper and lower extremities. The components of the musculoskeletal system and arthrology are examined in detail. Palpation skills are developed through surface anatomy labs which involve exploration of major bony and soft tissue landmarks.

MTST-122**Human Anatomy II****3 Credits**

Students develop an understanding of the subcategories of anatomy including structural organization, body cavities, the cell, and tissues of muscle, nerve and bone. Students explore the structure and function of the major systems of the body including: cardiovascular, lymphatic and immune, respiratory, nervous, endocrine, gastrointestinal, urinary, reproductive and integumentary systems. Students are introduced to the special senses.

MTST-125**Physiology I****3 Credits**

An introduction to the physiology of the body is provided. The nervous, musculoskeletal, cardiovascular, and protective systems are emphasized to explain the relationships between body fluid distribution, sensory stimulation, and the modulation of pain perception.

MTST-126**Physiology II****3 Credits**

The physiology of the nervous, endocrine, cardiovascular, and immune systems and how these systems co-regulate the functioning of the body is discussed in detail. Hormonal and autonomic control of the respiratory, digestive, urinary, and reproductive systems are emphasized along with an examination of the special senses.

Prerequisites: MTST 125.

MTST-131**Techniques I****3 Credits**

This course examines the principles, procedures and techniques involved in providing a wellness massage therapy treatment. Introductory massage techniques, draping, therapist self-care and the use of posture and body mechanics are presented. Students are introduced to SOAP notes, informed consent, hygiene, infection control precautions, indications/contraindications and the principles of massage therapy treatments. Furthermore, students develop and utilize palpation skills in identifying bony landmarks and soft tissues structures.

MTST-137**Developing Therapeutic Relationships****2 Credits**

This course provides the student with the fundamental knowledge of ethics involved in the development of therapeutic relationships. The application of communication techniques and client/therapist responses to massage therapy are explored. Through discussion and experiential learning, the following topics are examined: professional boundaries, establishing trust, conflict management, interview skills, cultural differences, self-care, body image, transference and counter-transference and the management of the therapist's personal values in client relationships. This course also explores working relationships with the chronically ill, abuse survivors and emotional situations.

MTST-142**Techniques II****3 Credits**

This course introduces massage therapy treatment principles and soft tissue / postural assessment skills. An in-depth study and practice of myofascial release, skin rolling, friction massage and muscle stripping techniques are developed in the context of a comprehensive massage therapy treatment. Students learn to work with greater tissue sensitivity and treat with increased depth. Prescribing appropriate home care, introductory thermal therapy and principles of therapist self-care are emphasized. Contraindications and fundamentals of professional documentation are also reinforced.

Prerequisites: MTST 115, MTST 120, MTST 125 and MTST 131.

MTST-143**Techniques III****3 Credits**

An in-depth study and practice of thermal therapy, trigger point therapy, Golgi tendon organ, muscle approximation, and origin/insertion techniques are presented in this course. Students learn to recognize contraindications and indications of these treatment modalities as they relate to common pathological conditions. Through experiential learning, students further refine palpation skills required for effective application of these techniques.

Prerequisites: MTST 142, MTST 146, MTST 122 (may be taken as a co-requisite).

MTST-146**Body Movements****3 Credits**

An in-depth analysis of the structure and muscle function of human movement and gait is explored in this class. Anatomy of upper and lower extremity joints is reviewed. The physical basis of movement and muscle function is examined. Basic movements and sport activities are analyzed.

Prerequisites: MTST 120.

MTST-151**Research Literacy for Massage Therapists****1 Credit**

The basic components of research literacy are covered in this course. Students locate, evaluate and discuss research and professional literature in the context of massage therapy practice. The application of evidence-informed treatment practices and planning to enhance patient care is a major focus.

Prerequisites: MTST 108.

MTST-155**Assessment for Massage Therapists I****2 Credits**

The basic theory of assessment is presented. Assessment of the human body (musculoskeletal) including postural and gait assessment, palpation, range-of-motion, muscle testing, sensation and reflex testing is examined in detail. The process for documenting findings of the assessment is an integral part of the course. Application is to the cervical spine, thoracic spine and the upper body.

Prerequisites: MTST 146. May also be taken as a Co-requisite.

MTST-156**Assessment for Massage Therapists II****2 Credits**

The theory and techniques from MTST 155 are expanded with emphasis on the lower body and clients with special needs. Documentation in a multidisciplinary environment is addressed.

Prerequisites: MTST 155.

MTST-161**Clinical Practice I****1 Credit**

This course introduces students to the practice of massage therapy in a supervised clinical setting. Working with the public, students have the opportunity to practice introductory massage therapy techniques and improve skills such as body mechanics, draping, interviewing, informed consent, assessment, recognizing contraindications and the ability to provide basic homecare recommendations.

Prerequisites: MTST 108, MTST 131, MTST 115, and Standard First Aid and Health Care Provider Level C CPR.

MTST-162**Clinical Practice II****1 Credit**

This course builds on the practical experience gained in clinical practice I. In a supervised setting, students focus on providing massage therapy treatments to a variety of clients. This course offers an opportunity to practice advanced techniques, alternate positioning and sequencing, introductory assessment procedures, charting skills, treatment plan development and prescribe basic self-care. Chair massage is also introduced.

Prerequisites: MTST 161, MTST 146 and MTST 142.

MTST-224**Techniques IV****3 Credits**

Peripheral joint mobilizations, proprioceptive neuromuscular facilitation, static stretching and lymphatic drainage techniques are explained, demonstrated and practiced in this course. An in-depth understanding of the contraindications and indications of these techniques are explored. Techniques are practiced within the context of a comprehensive treatment plan and an understanding of appropriate assessment and technique treatment modifications.

Prerequisites: MTST 143, MTST 155. *Co-requisite:* MTST 281.

MTST-225**Techniques V****3 Credits**

The theory and clinical technique of therapeutic exercise and rehabilitation are presented within the context of massage therapy treatment planning. Case studies are used to facilitate the development of appropriate therapeutic exercise intervention for patients with a variety of musculoskeletal disorders and movement dysfunction. This course also examines the principles, assessment and techniques for lower extremity peripheral joint mobilizations.

Prerequisites: MTST 224. *Co-requisite:* MTST 283.

MTST-226**Techniques VI****3 Credits**

Facilitated by case studies, this course takes an integrative approach allowing students the opportunity to consolidate material learned in the program into comprehensive massage therapy treatment protocols for commonly occurring conditions. The focus is on evaluating research to inform clinical decisions about assessment, treatment planning, and therapeutic exercise components of a massage therapy treatment protocol. The benefits and indications of adjunctive therapeutic modalities are also presented.

Prerequisites: MTST 225 and MTST 283.

MTST-260**Clinical Practice III****1 Credit**

This course involves the application of advanced massage therapy to clients in a supervised setting. The intent is to build on the practical experience and knowledge gained in clinical practice II. This course provides an opportunity to practice advanced techniques on a variety of clinical pathologies and special populations commonly seen by massage therapists. A focus is placed on advanced assessment, treatment planning, application of specialized techniques, and self-care customized to individual clients.

Prerequisites: Minimum grade of C- in MTST 162, MTST 155 and MTST 143.

MTST-261**Clinical Practice IV****1 Credit**

This course is the supervised application of therapeutic massage techniques to clients in a clinic setting. Case conferences are conducted at which time students present assessment data treatment plans for individual clients.

Prerequisites: MTST 156, MTST 260, MTST 273, MTST 281, and Standard First Aid and Health Care Provider Level C CPR.

MTST-262**Clinical Practice V****1 Credit**

This course is the final clinical experience in the massage therapy program. The focus of this course is on the application of therapeutic massage techniques to clients with special needs in a supervised clinical setting. Students have the opportunity to develop skills working as part of a health care team through an internship in a hospital setting. Case conferences are conducted at which time students present assessment data and treatment plans for individual clients.

Prerequisites: MTST 283, MTST 261, MTST 274, MTST 225 and Standard First Aid and Health Care Provider Level C CPR.

MTST-265**Business Management for Massage Therapists****2 Credits**

An introduction to starting and managing a massage therapy business is presented in this course. Sustainable business practices are explored. From an entrepreneurial view, an emphasis is placed upon practice management, business plan development, marketing and service promotion. Creating a resume and developing interview skills is also addressed.

MTST-273**Massage Therapy for Special Populations I****2 Credits**

The various stages of the human lifespan are studied in this course. Identifying and applying therapeutic massage techniques as part of a comprehensive treatment for healthy populations throughout the lifespan is focused on. The areas of consideration include pregnancy, infancy, childhood, adolescence, adulthood, and geriatric. Breast massage is also introduced.

Prerequisites: MTST 162 and MTST 143.

MTST-274**Massage Therapy for Special Populations II****2 Credits**

The theory and application of therapeutic massage intervention for clients with special needs is examined in this course. The areas considered include post-surgical conditions, psychiatric, chronic illnesses, deteriorating conditions, severe trauma and palliative care.

Prerequisites: MTST 273. *Prerequisite or Co-requisite:* HLST 150.

MTST-281**Treatments and Planning I****2 Credits**

An evidence-based approach to treatment planning is the focus of this course. The components of a treatment plan and its relationship to assessment and desired clinical outcomes are explained. This course examines the principles for planning ongoing treatment for individuals with various pathological conditions by using case studies for clinical practice.

Prerequisites: MTST 155, MTST 143, MTST 162.

MTST-283**Treatments and Planning II****2 Credits**

Building on the knowledge attained in MTST 281, this course involves developing treatment plans relating to injuries that affect specific systems of the body. Students learn to formulate a comprehensive treatment plan and recognize various massage techniques which assist in recovery.

Prerequisites: MTST 281, MTST 224, MTST 260.

MTST-286**Sport Massage****3 Credits**

The focus of this course is on the theory and practice of sport massage. The history of sport massage and role of the sport massage therapist is examined in detail. The indications and contraindications as they relate to sport-specific athletes are addressed as well as sport massage techniques, positioning, stretching, pre-, inter- and post-event, and training/maintenance massage. A review of common sport injuries, including their assessment and treatment are also discussed in this course.

Prerequisites: MTST 142. *Prerequisite/Co-requisite:* MTST 146.

MUSC-100**Introduction to Music****3 Credits**

This course is an introduction to the study of music through a historical survey of Western art-music with an emphasis on listening, rudimentary theory, and analysis. In addition, students identify some of the individuals and socio-political forces that shaped the development of this music. Students are not required to be able to read or perform music.

MUSC-103**Theory I: Introduction to Music Theory****3 Credits**

Students are introduced to the rudiments of music and music theory, the fundamentals of functional harmony, and the foundations of common practice and jazz/contemporary harmonic theory. The course is coordinated with Ear Training I curriculum, provides the theoretical background required of first-year principal instrument, master classes and performance ensembles, and prepares students for advanced studies in theory and its application to interpretation, arranging and composition.

MUSC-104**Theory II: Harmony, Voice Leading, and Function****3 Credits**

Students expand their understanding of the vertical and linear aspects of harmony including chord structure and voicing, voice leading, chord progressions, chord substitutions, harmonic function, and the phrase model. Students focus on the application of theoretical concepts through analysis and writing. The course is divided into two parts: (1) jazz harmony and relevant issues in contemporary popular music; (2) common-practice harmony and voice leading.

Prerequisites: MUSC 103.

MUSC-111**Ear Training I****3 Credits**

Students develop essential musical skills including aural identification and vocalization of intervals, chords, rhythms and melodies, as well as sight singing melodies and rhythms. Ear Training I is aligned with course content and learning in Theory I.

MUSC-112**Ear Training II****3 Credits**

Students continue to develop the essential musical skills introduced in Ear Training I including aural identification and vocalization of intervals, chords, rhythms and melodies, melodic and rhythmic dictation, and sight singing melodies and rhythms. Ear Training II is aligned with instruction and learning in Theory II.

Prerequisites: MUSC 111.

MUSC-123**Musicology I: Historical Musicology****3 Credits**

This course introduces critical listening, research methods, and writing for musicology through the lenses of historical and critical musicology, with a focus on the composition, performance, reception and aesthetics of music over time.

MUSC-124**Musicology II: Popular Music Studies****3 Credits**

This course builds on the critical listening, research methods, and writing for musicology introduced in through the lenses of historical and critical musicology in Music 123. By introducing a critical media studies approach to musicology, this course provides an opportunity to discuss musical creative and musical economics in the digital age. This course also introduces contemporary digital research and dissemination approaches.

Prerequisites: MUSC 123

MUSC-131**Principal Instrument I****3 Credits**

Students receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury. **Note:** Only full-time students admitted to the Music Program may take this course.

MUSC-132**Principal Instrument II****3 Credits**

Students receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury.

Prerequisites: MUSC 131.

MUSC-141**Master Class I****3 Credits**

Master Class I is the first in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.

Note: Only full-time students admitted to the Music Program may take this course.

MUSC-142**Master Class II****3 Credits**

Master Class II is the second in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.

Prerequisites: MUSC 141.

MUSC-188**Performance Ensemble****0 Credits**

MUSC 188 fulfills the performance ensemble requirement in Term I of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

MUSC-189**Performance Ensemble****0 Credits**

MUSC 189 fulfills the performance ensemble requirement in Term II of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

Prerequisites: MUSC 188.

MUSC-201**Theory III: Jazz Harmony and Analysis****3 Credits**

Building on the rudiments of jazz harmony introduced in Year 1, this course presents an in-depth study of the vertical and linear structures that are characteristic of traditional and contemporary jazz compositions. Critical listening aligned with score reading is an important activity in this course. Topics include harmonic function, chord construction, chord substitution and linear embellishment, voicing and voice leading, melody, rhythm and form. Students complete analytical, critical listening and critical writing assignments that draw from the significant styles and genres of jazz.

Prerequisites: MUSC 104 or MUSC 102.

MUSC-202**Theory IV: Chromatic Harmony****3 Credits**

This course examines the formal, structural, and harmonic techniques used in tonal music from the late eighteenth century through to the early twentieth century. The study of tertian harmonic structures and chromatic manipulation, and the crucial relationship between harmony, function, and form is the focus of this course. Topics include chromatic harmony, sequences, mixture, modulation, form and analysis. Repertoire for study draws from the symphonic, concerto and chamber music literature from the historical periods in question. Students enhance their theoretical and practical understanding of chromatic harmony by completing a number of compositional, analytical and critical listening assignments.

Prerequisites: MUSC 201.

MUSC-207
Songwriting I

3 Credits

This course is an introduction to the art and craft of songwriting in which students develop proficiency in a variety of songwriting techniques. An examination of the songwriting process and related concepts include the relation of meter and rhythm to motive and melody, form, attaching lyrics to melody, and song refinement.

Prerequisites: MUSC 104 or MUSC 102.

MUSC-208
Songwriting II

3 Credits

In this course, students continue to explore the art and craft of songwriting. Students examine and develop skills in a variety of songwriting techniques and concepts including writing lyrics and melodies, utilizing song forms, setting lyrics to melody, rewriting, and co-writing. A component of this course examines market trends, song demos, marketing songs, and other aspects of the business of songwriting.

Prerequisites: MUSC 104 or MUSC 102.

MUSC-211
Composition I

3 Credits

This course introduces students to the art and craft of composition and prepares them for further study in this area. Through lectures, demonstrations, score study and listening, students acquire familiarity with the melodic, harmonic, and rhythmic elements and techniques of composition that apply to a wide range of genres and styles in the context of jazz and contemporary idioms. Students develop essential skills as they complete a variety of compositions that focus on blues, modal, and groove/ostinato based composition.

Prerequisites: MUSC 104 or MUSC 102.

MUSC-212
Composition II

3 Credits

Students continue the study of jazz and contemporary idioms through lectures, demonstrations, score analysis and listening. Compositions in this course address complex formal structures, counterpoint and ensemble writing. Students develop essential skills as they complete a variety of compositions that explore contrafact ballads, complex modal forms and an introduction to string quartets and film scoring.

Prerequisites: MUSC 211

MUSC-213
Ear Training III

3 Credits

Ear Training III addresses three interrelated areas of study: aural skills, sight-reading skills, and music theory. The ability to recognize and identify elemental musical structures and to determine their relationships through traditional and jazz theory is a primary focus of this course. Singing is practiced in class using the Tonic sol-fa system in conjunction with the scale-degree system.

Prerequisites: MUSC 112.

MUSC-214
Ear Training IV

3 Credits

In Ear Training IV, students continue to explore the relationship of aural and reading skills, and music theory. Regular activities include melodic, harmonic, and rhythmic dictation exercises, singing using the Tonic sol-fa system in conjunction with the scale-degree system, and performing rhythms in simple, compound, asymmetrical and composite meters. Examples and excerpts used in this course reflect a wide stylistic perspective (traditional, contemporary popular, and jazz).

Prerequisites: MUSC 213.

MUSC-215
Functional Keyboard I

1.5 Credits

In this course, instrumentalists and vocalists are introduced to the essential keyboard skills required of contemporary musicians. Students develop basic technical ability and reading skills through exercises, études, and examples drawn from jazz and contemporary popular repertoires. Students study a syllabus of scales, chords, voicings, progressions and voice leading models, and prepare for a final performance examination comprising technical, sight-reading, and repertoire components. **Note:** This course is not open to pianists (Principal and Applied Instrument).

Prerequisites: MUSC 132 and (MUSC 104 or MUSC 102).

MUSC-216
Functional Keyboard II

1.5 Credits

This course continues to develop the concepts and skills introduced in Functional Keyboard I. Through the study of technical exercises and études in combination with examples drawn from jazz and contemporary popular repertoires, students develop essential techniques, reading skills, and basic accompanying skills. Students study a comprehensive syllabus of scales and chords, progressions, voicings and voice leading models, and prepare for a performance exam comprising technical, sight-reading, and repertoire components that reflect a diversity of contemporary styles. **Note:** This course is not open to pianists (Principal and Applied Instrument).

Prerequisites: MUSC 215.

MUSC-217
Accompanying I

1.5 Credits

Accompanying I focuses on developing the skills required of pianists (Principal or Applied Instrument courses) to accompany vocalists and instrumentalists through the study of contemporary popular repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.

Prerequisites: MUSC 132 (piano).

MUSC-218**Accompanying II****1.5 Credits**

Accompanying II continues to develop the skills required of pianists (Principal and Applied Instrument courses) to accompany vocalists and instrumentalists through the study of standard blues and R&B, jazz, and contemporary musical theatre repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.

Prerequisites: MUSC 217.

MUSC-221**Applied Instrument I****1.5 Credits**

Upper-year students in the Composition and General routes receive bi-weekly private lessons on their major instrument with focus on technique, repertoire development and style. The private teacher and the student select pieces from standard jazz and popular music repertoires for study and examination. Students complete a juried repertoire examination given at the end of term at which they are assessed on presentation, technical ability, interpretation and stylistic aspects.

Prerequisites: MUSC 132.

MUSC-222**Applied Instrument II****1.5 Credits**

This course builds on the skills developed in Applied Music I. Upper-year students in the Composition and General routes continue to receive bi-weekly private lessons on their major instrument, with focus on technique, repertoire development and style. The private teacher and the student select pieces from standard jazz and popular music repertoires for study and examination. Students complete a juried repertoire examination given at the end of term at which they are assessed on presentation, technical ability, interpretation and stylistic aspects.

Prerequisites: MUSC 221.

MUSC-233**Principal Instrument III****3 Credits**

Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury.

Prerequisites: MUSC 132.

MUSC-235**Principal Instrument IV****3 Credits**

Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury.

Prerequisites: MUSC 233.

MUSC-243**Master Class III****3 Credits**

Master Class III is the third in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.

Prerequisites: MUSC 132 and MUSC 142.

MUSC-244**Master Class IV****3 Credits**

Master Class IV is the final course in the series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.

Prerequisites: MUSC 243.

MUSC-253**Live Sound Reinforcement I****3 Credits**

This course addresses sound reinforcement for music applications. Students examine sound in live situations, how sound behaves and how it is amplified. Students are introduced to the essential equipment used in the sound reinforcement industry, and develop the skills and abilities necessary to set up and operate a basic PA system. The course integrates practical experience in a concert or event setting with classroom instruction.

Prerequisites: MUSC 132 and MUSC 142.

MUSC-254**Live Sound Reinforcement II****3 Credits**

This course continues to develop the skills established in Live Sound Reinforcement I. Students expand their knowledge of advanced concert sound reinforcement. Students also acquire an understanding of the duties and responsibilities of all the people involved with a major concert and how to work as part of that crew. The course integrates practical experience in a concert or event setting with classroom instruction.

Prerequisites: MUSC 253.

MUSC-263**Introduction to Music Technology and Production****3 Credits**

This course provides students with an understanding of the primary types of technology commonly used in music. In addition to lectures, the course has a lab component in which students acquire basic operational skills for various music technologies. Topics include: Macintosh laptop and operating systems; an introduction to the principles of sound, microphones and recording; computer-based notation: sequencing; mixing and effects processing; an introduction to MIDI; synthesis; a survey of the various hardware used in other program courses.

Prerequisites: MUSC 104 or MUSC 102.

MUSC-294**Performance Ensemble****0 Credits**

MUSC 294 fulfills the performance ensemble requirement in Term III of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

Prerequisites: MUSC 189.

MUSC-295**Performance Ensemble****0 Credits**

MUSC 295 fulfills the performance ensemble requirement in Term IV of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

Prerequisites: MUSC 294.

MUSC-301**Special Project I****1 Credit**

This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. **Note:** Upon successful completion of the first attempt at MUSC 301 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.

Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.

MUSC-302**Special Project II****2 Credits**

This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. **Note:** Upon successful completion of the first attempt at MUSC 302 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.

Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.

MUSC-303**Special Project III****3 Credits**

This course provides the student an opportunity to explore, in depth, a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course.

Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.

MUSC-313**Arranging I: Introduction to Arranging****3 Credits**

Students acquire practical knowledge of arranging for the small jazz ensemble. Topics include woodwind, brass and rhythm section instruments, rhythm section arranging, two, three and four-part harmonizations, “thickened line” writing, background writing, linear/contrapuntal concepts in 2-part writing, and considerations of form and balance in planning an arrangement. Course content is structured towards a full-scale arrangement as the final major project.

Prerequisites: MUSC 201.

MUSC-314**Arranging II: Arranging for Large Ensembles****3 Credits**

Building on the concepts, techniques and skills acquired in Arranging I, students expand their knowledge of harmony and orchestration in order to write for the contemporary jazz orchestra (big band). Concepts and techniques presented in lectures, in addition to insights gained through the analysis of seminal recordings and scores, are developed through practical assignments. Students are encouraged to develop their personal style, and will produce a complete, original arrangement for big band as the final project.

Prerequisites: MUSC 313.

MUSC-326**Composition III****3 Credits**

The focus of this course is writing for the voice. Through analysis and writing projects, students expand their knowledge of compositional issues as they apply and adapt techniques to the creation of Art Songs, Popular Songs and Chorale writing. In addition to lectures, students receive private lessons in which pertinent issues relating to their own compositions are addressed. Students present works-in-progress and discuss their process to the class, and present completed works in recitals.

Prerequisites: MUSC 212

MUSC-327**Composition IV****3 Credits**

This course explores the primary movements of twentieth-century post-tonal composition, including impressionism, serialism, and minimalism. Students develop technique in these styles by writing for a variety of instrumentation. In addition to lectures, students receive private lessons in which pertinent issues relating to their creative compositional works are addressed. Students present works-in-progress and discuss their process to the class, and present completed works in recitals.

Prerequisites: MUSC 326

MUSC-335**Principal Instrument V****3 Credits**

Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for the juried repertoire performance examination held at the end of the term.

Prerequisites: MUSC 235 or MUSC 234.

MUSC-336**Principal Instrument VI****3 Credits**

Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for their Junior Recital (MUSC 371).

Prerequisites: MUSC 335. *Co-requisites:* MUSC 371.

MUSC-348**Contemporary Issues in Performance Practice and Techniques I****1.5 Credits**

This course examines issues and performance practices in jazz and contemporary popular music from theoretical and practical viewpoints. Students analyze performance practice, investigate artistic and style-related topics, prepare repertoire to perform in master-class settings, and research pertinent issues and present findings. This course also prepares students for the Junior Recital (MUSC 371).

Prerequisites: MUSC 244 and MUSC 235.

MUSC-358**Improvisation I****1.5 Credits**

This course is a study of improvisation practices and techniques idiomatic to jazz music, with an emphasis on standard and bebop repertoire. Through analyses of seminal recorded performances, transcription and listening assignments, and in-class performance, students will develop a practical understanding of jazz language, sound, feel, and phrasing, as well as theoretical concepts such as melodic and rhythmic development, chord/scale relationships, and motivic development. The vital role of the rhythm section in improvisation, including comping, interplay, texture, and dynamics, will also be examined.

Prerequisites: MUSC 201 and (MUSC 247 or MUSC 244).

MUSC-359**Improvisation II****1.5 Credits**

This course builds on skills and knowledge presented in MUSC 358 (Improvisation I). This course is a study of improvisation practices and techniques idiomatic to jazz music, with an emphasis on modal, modern, and contemporary repertoire. Through analyses of seminal recorded performances, transcription and listening assignments, and in-class performance, students will develop a practical understanding of modern jazz language, sound, feel, and phrasing, as well as theoretical concepts such as thematic development, modal harmony, chromaticism, melodic and harmonic superimposition, and polyrhythms. The varied roles of the rhythm section and ensemble in modern jazz performance, from comping and interplay to collective improvisation, will also be examined.

Prerequisites: MUSC 358.

MUSC-361**Introduction to Music Career Management****3 Credits**

This course surveys historical and current issues that have an impact on the musician's career. Issues such as education, gender, employment, intellectual property rights and multiculturalism, among others, are examined through seminal case studies. Topics range from training as a professional to employment and entrepreneurship, media and technology, health and security, and the contemporary role of musicians.

MUSC-362**The Business of Music****3 Credits**

Students examine the financial, legal and political aspects of the music business. The focus of this course is on the fundamentals of a contract, the independent musician as a legal entity, copyrights, finance and planning, accounting practices, and the principles of project management. Sources to fund or finance a project are introduced, including grant awards in Canada. Opportunities and requirements to work internationally are discussed.

Prerequisites: MUSC 361 or MUSC 271.

MUSC-363**The Musician's Workplace****3 Credits**

Students examine activities and occupations of the professional musician, and learn how to successfully interact and function in these environments. Music is a social art. Professional musicians work with a variety of performing artists, producers, technicians, managers and agents, and for many types of enterprises including clubs and hotels, churches, private functions, the military, theatre and dance companies, production companies and not-for-profit organizations. Understanding how these sectors and activities are organized and motivated is important in developing and maintaining a career as a professional performing musician. Topics also include analysis of contracts, pricing and hiring procedures in key areas.

Prerequisites: MUSC 361 or MUSC 271.

MUSC-364**Applications in Music Technology I****3 Credits**

This course focuses on the development of the creative application of technologies used in current music and audio production, and the foundations and theories that underlie these skills and practices. Through classroom and focused project work, students gain knowledge and experience with Digital Audio Workstation (DAW)-centric composition and production with emphasis on synthesizer programming, MIDI and audio tracking, editing and mixing, working with visual media, audio mastering, and delivery.

Prerequisites: MUSC 263 or MUSC 261.

MUSC-366**Introduction to the Recording Studio****3 Credits**

This course is an introduction to the theory and practice of recording engineering. Students study the behaviour of sound, acoustics, recording studio design, analog and digital audio, and the theory and operation of common recording studio equipment. Practical learning concentrates on studio procedures, set up, and the operation of equipment. Students learn to make optimal use of a state-of-the-art recording studio as they complete a variety of multi-track recording projects.

Prerequisites: MUSC 263 or MUSC 261.

MUSC-371**Junior Recital****0 Credits**

The Junior Recital is a juried public recital in which performance majors demonstrate their ability to prepare and rehearse a varied repertoire, and exhibit stylistic awareness, technical and artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians. The repertoire draws from the Jazz, World and Contemporary Popular areas, and is selected in consultation with the student's private lesson instructor and faculty supervisor [section head].

Prerequisites: MUSC 335. *Co-requisites:* MUSC 336.

MUSC-374**Alternatives for Careers in Music****3 Credits**

This is a comprehensive survey of the many careers open to musicians. Students examine and compare essential skills acquired and developed through musical training and practice that apply to alternate career paths, and investigate career options including careers as a sole activity or as complementary to music performance and creation. Students also explore the future of music-related careers in response to technological trends and changes in society and culture, and envisage future careers in music that are yet to emerge.

Prerequisites: MUSC 361 or MUSC 271.

MUSC-380**Directed Project****3 Credits**

This is a faculty-supervised, project-driven course that allows senior-level students to pursue independent work in a primary area of interest, including research and writing, composing, recording, or preparing and performing repertoire. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course. **Note:** Upon successful completion of the first attempt at MUSC 380 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.

Prerequisites: 60 credits of BMus courses including MUSC 123 and 124

MUSC-396**Performance Ensemble****1 Credit**

MUSC 396 fulfills the performance ensemble requirement in Term V of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

Prerequisites: MUSC 295.

MUSC-397**Performance Ensemble****1 Credit**

MUSC 397 fulfills the performance ensemble requirement in Term VI of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

Prerequisites: MUSC 396.

MUSC-415**Orchestration****3 Credits**

This course introduces students to writing for the symphony orchestra through a brief survey of the historical development of the orchestra, with focus on the principal families of instruments that constitute the modern orchestra. Students acquire knowledge of the characteristics and roles of orchestral instruments, and the notational conventions associated with scoring for these instruments. Periodic writing assignments reinforce the essential principles of orchestration including featuring, combining and balancing instruments for pragmatic and expressive reasons, and realizing orchestral arrangements from piano scores, compositional sketches and other musical media. The final project for this course is a fully scored orchestration of an excerpt or piece.

Prerequisites: MUSC 313 or (MUSC 203 and MUSC 204).

MUSC-416**Scoring for Film and Other Visual Media****3 Credits**

This course focuses on the aesthetic and technical demands of composing and producing music for feature films, episodic television, and other visual media, with emphasis on the concepts of musical association and musical meaning. Students are introduced to a wide variety of notable film scores, complete a series of scoring projects for mixed instrumentation using virtual and real instruments, and learn how to synchronize music with visual media through the use of computer software and real time methods.

Prerequisites: (MUSC 263 or MUSC 261) AND ((MUSC 313 or MUSC 203 and MUSC 204))

MUSC-417**Composition V****1.5 Credits**

The focus of this course is the development of the student's unique voice as a composer. Students continue to undertake extensive writing projects in anticipation of the Composition Graduation Recital. Lectures and labs address pertinent issues relating to their compositions, including labs in song writing, composing in the digital-audio workstation (DAW) environment, composing for chamber ensembles, and jazz combo/big band writing.

Prerequisites: MUSC 327

MUSC-418**Composition VI****1.5 Credits**

This course focuses on final preparation for the Composition Graduation Recital, which is a juried, public concert of original works. Lectures and labs follow the same structure as Composition V (MUSC 417), allowing students to continue developing their music toward the final recital.

Prerequisites: MUSC 417. *Co-requisites:* MUSC 474.

MUSC-424**Ethnomusicology****3 Credits**

Students will be introduced to development and current practice of ethnomusicology in Canada with special attention to the methods of research that make the discipline a unique form of musicology. Students explore music as sound and culture, as social practice, as a contributor to the creative economy, and as expression of meaning with emphasis on the development of ethnographic methods and contemporary methods of research dissemination.

Prerequisites: MUSC 427.

MUSC-426**History of Electro-Acoustic Music****3 Credits**

In this course, students examine the history of electro-acoustic music in relation to the significant composers of this music and their seminal works. Through lectures, readings, critical listening and analysis, students investigate the ideas, techniques and technologies that determined the development of this genre and its influence on other genres. Students are introduced to the various instruments inherent to the genre and the unique and often idiosyncratic notational systems used by various composers. Aesthetics of electro-acoustic music in context of other 20th-century musical and cultural movements, and the ethical problems and controversies arising from the use of musique concrète and sampling techniques are also addressed.

Prerequisites: MUSC 263 or MUSC 261

MUSC-427**Cultural Studies of Music****3 Credits**

This course focuses on the analysis of contemporary popular music culture and the key thinkers and theorists from cultural studies and critical theory who have made seminal contributions to the field. The development of research and writing methods is an essential aspect of this course.

Prerequisites: MUSC 123 and 124

MUSC-437**Principal Instrument VII****3 Credits**

Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for the juried repertoire performance examination held at the end of the term.

Prerequisites: MUSC 336 and MUSC 348 and MUSC 371.

Co-requisites: MUSC 472 and MUSC 452.

MUSC-438**Principal Instrument VIII****3 Credits**

Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson supports preparation for the Graduation Recital (Performance major).

Prerequisites: MUSC 437 and MUSC 452 and MUSC 472.

Co-requisites: MUSC 473.

MUSC-452**Contemporary Issues in Performance Practice and Techniques II****1.5 Credits**

Students examine issues and performance practices in jazz and popular music from theoretical and practical viewpoints, investigate artistic and style-related topics, prepare repertoire to perform in master-class settings, research pertinent issues and present findings, build a core repertoire, and develop ensemble directing skills. This course prepares students for the Area Examination (MUSC 472) and the Performance Graduation Recital (MUSC 473).

Prerequisites: MUSC 348. *Co-requisites:* MUSC 472.

MUSC-460**Improvisation III****1.5 Credits**

This course is a study of the improvisation techniques idiomatic to popular music. Students analyze performances drawn from the canonic repertoire of popular music. Practical applications of theoretical concepts including motivic development, chord-scale relationships, line and interval, and rhythmic development, as well as style, feel and expression are developed through analysis, transcription and performance. Performance constitutes the primary activity of this course.

Prerequisites: MUSC 359.

MUSC-461**Improvisation IV****1.5 Credits**

This course is a study of the improvisation techniques idiomatic to jazz music. Students analyze performances drawn from the canonic repertoire of jazz music. Practical applications of theoretical concepts including motivic development, chord-scale relationships, line and interval, and rhythmic development, as well as style, feel and expression are developed through analysis, transcription and performance. Performance constitutes the primary activity of this course.

Prerequisites: MUSC 460.

MUSC-465**Applications in Music Technology II****3 Credits**

Building on the skills and theory introduced in MUSC 364, this course explores the advanced use of technology in music composition and audio production. Topics include sound design, synthesizer programming, advanced work with visual media, and advanced DAW-based MIDI and audio production techniques, all of which are addressed at a level commensurate with professional-level expectations. Additional topics include advanced synthesis designs, alternate controllers and control protocols, multi-channel audio production, and an introduction to interactive programming.

Prerequisites: MUSC 364.

MUSC-467**Recording Studio Production****3 Credits**

This course focuses on the producer's critical and varied roles in the process of recording studio production. Through lectures, reading, analytical listening, and project-driven coursework, students will solidify their understanding of the process of music production in context of the recording studio environment. Ultimately, students will model the traits of the successful producer in realistic production situations.

Prerequisites: MUSC 366.

MUSC-468**Acoustics and the Science of Musical Instruments****3 Credits**

This course explores the physical and psychological nature of sound. Students learn about the entire life of a sound, starting with its physical origins from musical instruments, how it travels in the environment, and how the listener perceives it. Students undertake several projects in which they will apply essential principles to real-life situations and creatively explore key concepts.

Prerequisites: MUSC 261 or MUSC 263

MUSC-472**Area Examination****0 Credits**

Performance majors present and defend a programme proposal for their Graduation Recital (MUSC 473) that speaks to their knowledge of the repertoire in terms of historical and contemporary sources, the significance of the selected works, the important musicians associated with these works, the genres and styles, and the requirements of preparing for and mounting the recital.

Prerequisites: MUSC 348, MUSC 336 and MUSC 371.

Co-requisites: MUSC 437 and MUSC 452.

MUSC-473**Graduation Recital, Performance Major****0 Credits**

The Graduation Recital, Performance (MUSC 473) is a "main stage" juried public concert. Performance majors prepare and rehearse a varied repertoire that speaks to their primary artistic and professional interests and goals. In this recital, students exhibit stylistic authenticity, technical mastery, artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians. The repertoire and all other aspects of this recital are determined and approved in consultation with the student's private lesson instructor and faculty supervisor through the process of the Area Examination (MUSC 472).

Prerequisites: MUSC 472 and MUSC 452 and MUSC 437.

Co-requisites: MUSC 438.

MUSC-474**Graduation Recital and Portfolio (Composition)****0 Credits**

The Graduation Recital is a “main stage” juried, public concert that represents the culmination of the candidate’s studies in composition. In this recital, students exhibit personal compositional style, technical mastery, artistic prowess, musical imagination, and professionalism. In addition to the creation of the compositions and preparation of the scores and parts, students direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians.

Prerequisites: (MUSC 417 or MUSC 413) and MUSC 415 and MUSC 314. *Co-requisites:* MUSC 418.

MUSC-475**Marketing for the Professional Musician****3 Credits**

This course offers the principles and the practical skills students need to successfully market themselves as professional musicians. Studies include theoretical foundations and proven strategies of marketing, promotion and audience development. A variety of projects, ranging from creating promotional material and a media kit to a concert or CD release, prepare students to effectively promote their unique brand. By the end of the course, students have a comprehensive, personal marketing plan.

Prerequisites: MUSC 361 or MUSC 271.

MUSC-476**Health Issues and the Professional Musician****3 Credits**

The study, practice, performance, creation, and production of music necessitate repetitive processes that make musicians prone to a number of physical and mental ailments. Students identify and understand common ailments that frequently affect professional musicians, examine the importance of physical and mental fitness in the prevention of these ailments, and investigate a variety of resources, techniques and strategies to manage and/or cope with stresses inherent to the profession.

Prerequisites: MUSC 361 or MUSC 271.

MUSC-482**Independent Study****3 Credits**

This course presents an opportunity for fourth-year students who wish to pursue in-depth advanced studies in their primary area of interest (research and writing, composition, performance, recording). With the guidance of a faculty supervisor, students will produce a publishable document suitable to the discipline under study as the primary outcome of this course. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course. **Note:** Upon successful completion of the first attempt at MUSC 482 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.

Prerequisites: 90 credits of BMus courses including MUSC 123 and 124

MUSC-498**Performance Ensemble****1.5 Credits**

MUSC 498 fulfills the performance ensemble requirement in Term VII of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire. **Note:** MUSC 498 is required only for the BMus Performance major, and is optional for the Composition and General routes.

Prerequisites: MUSC 397

MUSC-499**Performance Ensemble****1.5 Credits**

MUSC 499 fulfills the performance ensemble requirement in Term VIII of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire. **Note:** MUSC 499 is required only for the BMus Performance major, and is optional for the Composition and General routes.

Prerequisites: MUSC 498.

NURS-150**The Discipline of Psychiatric Nursing****3 Credits**

Historical, current and future perspectives of the disciplines of nursing and psychiatric nursing are introduced. Nursing and psychiatric nursing as a science, art, discipline and professional practice are discussed. Selected theories and models are explored, focusing on philosophical viewpoints and their influence on knowledge and practice. The roles, scope and standards of psychiatric nursing practice are examined from provincial, national and international perspectives, as well as in terms of organizations and legislation. The professional code of ethics and approaches to ethical decision making are introduced. Thinking processes related to the discipline are developed.

NURS-170**The Discipline of Nursing****4 Credits**

Historical, current and future perspectives of nursing are introduced. Nursing as an art, a science, a profession, and a discipline are discussed. Selected theories and models are explored, focusing on philosophical viewpoints, the scope of inquiry, and their influence on nursing practice and the development of nursing knowledge. Thinking processes such as critical thinking, problem-solving and decision making are identified and developed. Roles, settings, professional organizations, legislation, scope of practice, and standards for professional nursing practice are examined from provincial, national, and international perspectives. Nursing codes of ethics and approaches to ethical decision making are introduced.

NURS-175**Nursing Practice Foundations****5 Credits**

In this course, foundational nursing practice knowledge and skills are acquired and integrated within classroom, laboratory, simulation and practice settings with an individual patient/client. The nursing process is introduced and applied to the provision of basic nursing care in order to promote health, safety and comfort. Developmental and physiological factors that impact activities of daily living across the lifespan are discussed. Students utilize communication skills to develop nurse-patient/client relationships, establish professional boundaries, and interact with other health care providers in the organization and implementation of care.

Prerequisites: Minimum grade of C- in NURS 170 and HLST 152.

NURS-251**Nursing Care, Diverse Populations****4 Credits**

Students develop knowledge, skills and attitudes for evidence-informed, culturally sensitive, age appropriate, holistic nursing care with persons from diverse populations who experience acute or chronic alterations in health. Students incorporate selected nursing theories and models as a framework for understanding illness experiences and the promotion of health and healing. Management and alleviation of symptoms and capacity building are discussed with perspectives of mind-body experiences of illness. Teaching and learning principles are applied to health promotion, illness/injury prevention and explanations of care to individuals and families. Reflection on and evaluation of individualized nursing care are promoted through practice scenarios and contextual simulations.

Best practice guidelines, current evidence and legal-ethical considerations are emphasized. Students examine roles of the health team and intersectoral members for optimal provision and transition of care across settings. **Note:** Students can obtain credit in only one of NURS 251 or NURS 256 or NURS 270.

Prerequisites: Minimum grade of C- in PNRS 155, PSYC 104 and PSYC 105. *Prerequisites or Co-requisites:* HLSC 220, HLSC 222, NURS 252.

NURS-252**Health Assessment Across the Lifespan****4 Credits**

Students develop knowledge, skills and attributes for a holistic health assessment of individuals across the lifespan. Health history taking, physical and contextual assessments, information retrieval and data appraisal, communication techniques, and documentation of findings are incorporated into assessment of health. Using a socio-environmental approach, consideration is given to alterations in health and evaluation of nursing, medical and pharmacological interventions, as well as development of health promotion strategies. Students integrate the unique and shared experiences of patients/clients. Students develop and demonstrate skills in history taking, interviewing and physical examination with individuals. Critical thinking and clinical reasoning are developed through participation in laboratory, classroom and simulation activities.

Prerequisites: Minimum grade of C- in HLST 154, and either NURS 175 or PNRS 152. *Prerequisites or Co-Requisites:* HLSC 220 and HLSC 222.

NURS-253**Nursing Practice, Diverse Populations I****5 Credits**

Students plan, implement, coordinate, and evaluate nursing care for clients experiencing chronic and/or stable acute alterations in health. Theories, knowledge, current evidence, and a broad range of skills for nursing practice are incorporated to provide culturally sensitive, age-appropriate, evidence-informed, holistic nursing care. Clinical nursing skills are applied to promote optimal health and to evaluate, intervene, and advocate for persons with alterations in health status. Collaboration with the client, family, and interprofessional and intersectoral team members is incorporated.

Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.

NURS-255**Nursing Practice, Diverse Populations II****5 Credits**

Students build on the knowledge and skills attained in NURS 253, with an emphasis on holistic care and evidence-informed practice. The nursing focus is on promotion of optimal wellness and provision of safe, competent, ethical nursing care for clients experiencing chronic and/or acute alterations in health, working with situations of increasing complexity. Critical thinking, problem solving, and ethical reasoning are enhanced. Collaboration with the client, family, and interprofessional and intersectoral members continues.

Prerequisites: Minimum grade of C- in NURS 253.

NURS-270**Nursing Care Across the Lifespan****4 Credits**

Students develop knowledge, skills and attributes in order to provide evidence-informed nursing care for individuals and families across the lifespan with chronic and/or stable acute alterations in health. Selected nursing theories and models are incorporated as a framework for understanding illness experiences and the promotion of health and healing and capacity-building using such strategies as practice scenarios, contextual simulations and reflection on practice. Management and alleviation of symptoms are discussed within a mind-body-spirit perspective. Principles of client education and person-centred care are applied to promote health and prevent illness/injury. The role of the nurse within the interprofessional team is explored for provision and transition of care across settings.

Prerequisites: Minimum grade of C- in HLST 154, NURS 175, PSYC 104, and PSYC 105. *Prerequisites or Co-Requisites:* HLSC 220, HLSC 222, NURS 252.

NURS-272**Mental Health Nursing****3 Credits**

Knowledge, skills and attributes are attained for evidence-informed, ethical, culturally relevant, age-appropriate, holistic nursing care with persons who experience acute or chronic alterations in mental health. Lifespan issues and alterations are examined for children, adolescents, adults and older adults. Theories and models are incorporated as a basis for understanding mental illness experiences and promoting mental health and healing. The impact of sociocultural influences on the client, health system, communities, and the role of the nurse are discussed. The role of the nurse is explored using a primary healthcare lens. Societal, legislative and economic issues are examined in relation to individual, family and community across the continuum of care.

Prerequisites: Minimum grade of C- in HLST 154, NURS 175, PSYC 104, and PSYC 105.

NURS-275**Nursing Practice I Across the Lifespan****5 Credits**

Students plan, implement, coordinate and evaluate nursing care for persons experiencing chronic and/or stable acute alterations in health. Theories, knowledge, current evidence and a diverse range of skills are incorporated to promote health and healing and provide holistic nursing care of persons with alterations in health. Assessment, organization, priority setting and evaluation strategies are emphasized to enhance patient/client care. Consultation with patient/client, family, and engagement with health professionals is incorporated.

Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 252, NURS 270, and NURS 272.

NURS-277**Nursing Practice II Across the Lifespan****5 Credits**

Students build on the knowledge and skills attained in NURS 275, including application of evidence to practice. The focus continues on patients/clients experiencing chronic and/or stable acute alterations in health. Critical thinking, problem solving and ethical reasoning are further developed for provision of safe, competent and ethical nursing care. Collaboration with patients/clients, families and health care professionals is incorporated.

Prerequisites: Minimum grade of C- in NURS 275.

NURS-279**Nursing Practice Mental Health Nursing****5 Credits**

Students plan, implement, coordinate and evaluate nursing care for persons experiencing, or at risk for, chronic or acute alterations in mental health in a variety of settings. Nursing theories, knowledge, current evidence and a diverse range of skills are incorporated to provide culturally sensitive, age-appropriate, evidence-informed nursing care. Communication and assessment skills are used to recognize and initiate early interventions to promote mental health, and to evaluate and intervene for persons with alterations in mental health status. Collaboration with patients/clients, family, interdisciplinary and intersectoral members is emphasized, including access and use of community health resources.

Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 252, NURS 270 and NURS 272.

NURS-341**Nursing Research Processes****3 Credits**

Fundamental concepts, components and methodologies of research are examined. Qualitative and quantitative approaches are differentiated and discussed in relation to development of knowledge. Novice research skills for application and evaluation are attained.

Prerequisites: Registered Nurse or Registered Psychiatric Nurse & minimum grade of C- in a 3-credit 100 or 200-level university statistics course OR minimum grade of C- in NURS 277 & NURS 279 & a 3 credit 100 or 200-level university statistics course.

NURS-344**Fundamentals of Nursing Research****3 Credits**

The focus of this course is on the fundamental concepts, methods, and processes of research in nursing and health. Qualitative and quantitative approaches are introduced and discussed in relation to the development of knowledge for nursing practice. Emphasis is placed on reading, understanding, and systematically evaluating research to inform nursing practice. The ethical conduct of research is addressed.

Prerequisites: Minimum grade of C- in NURS 277, NURS 279 and a 100 or 200 level statistics course.

NURS-370**Nursing Care of the Acutely Ill Across the Lifespan****4 Credits**

Knowledge, skills and attributes are acquired and applied for evidence-informed nursing care with diverse individuals and families, who are experiencing acute and complex alterations in health. Selected nursing theories and models are used as a framework to guide nursing practice and facilitate the promotion of health and healing from a population health perspective. Management and alleviation of symptoms are discussed with perspectives of body-mind-spirit related to alterations in health across the lifespan. Integration of capacity building, health assessment, effective communication, teaching/learning, collaborative decision making, and critical thinking guide nursing practice. Discussions, practice scenarios, and simulations are utilized to enhance priority setting and formulation of nursing interventions related to care of patients/clients experiencing acute and complex health alterations.

Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS-372**Nursing Care of Families with Young Children****4 Credits**

Knowledge, skills and attributes are acquired and applied for evidence-informed nursing care with families during preconception, pregnancy, labour, delivery, postpartum, and childrearing from birth to adolescence. Selected developmental and family theories, community resources and population health perspectives/programs are integrated to promote health and facilitate family capacity. Trends and issues in childbearing and childrearing are explored from multiple perspectives.

Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS-375**Nursing Practice: Nursing Care of Acutely Ill Across the Lifespan****5 Credits**

Students integrate evidence-informed knowledge to guide nursing care with individuals and families experiencing alterations in health within acute care settings. Students promote health and healing, and respond appropriately to alterations in health status. Integration of diverse skills, including health assessment, effective communication, teaching/learning strategies/principles, participatory decision making, and critical thinking, will guide nursing care. Utilization of reflective practice combined with organization and priority setting directs the student to provide safe, competent, and ethical nursing care. Students become increasingly self-directed in the provision of collaborative care with the individual/family, intersectoral groups, and transdisciplinary team members.

Prerequisites: Minimum grade of C- in NURS 344, NURS 370, NURS 372 and HLST 354.

NURS-377**Nursing Practice: Nursing in the Community****5 Credits**

Students integrate knowledge and skills into the practice of community nursing in a variety of settings. Students apply selected theories, knowledge, and current evidence while collaborating with individuals, families, groups/aggregates, and communities. Assessment, planning, and intervention strategies are utilized to promote individual and population health. Intersectoral, interprofessional and community collaboration are emphasized.

Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.

NURS-379**Nursing Practice: Nursing Care of Families with Young Children****5 Credits**

Students integrate knowledge and diverse skills into nursing care of families through preconception to childbearing and childrearing. Students apply selected theories, knowledge, and current evidence; use extended communication, assessment and psychomotor skills; and collaborate with family and interprofessional team members to assess, intervene and promote health in families with children. Intervention strategies and modalities are implemented in a variety of settings.

Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.

NURS-420**Evidence and Inquiry in Nursing Practice****3 Credits**

Students pursue an in-depth research project. Students develop the ability to search for and synthesize relevant evidence, and create a product for potential dissemination related to a practice/research question. Students analyze the influence of the evidence-informed movement in nursing and health on clinical judgment, decision-making, and knowledge transfer.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377 and NURS 379. Plus consent of the department.

NURS-422**Living With Chronicity****3 Credits**

Students expand their knowledge of individuals and families experiencing chronic health conditions including social, political and societal perspectives. Self management and quality of life theories and models are examined for individuals and populations experiencing chronicity across the life span. Trends and issues, including health maintenance challenges, planning, delivery and utilization of health care resources are discussed using stakeholder experience and evidence. Students explore the role of the registered nurse in promoting self-management and preventive care within an inter-professional collaborative team.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-424**High Priority Populations****3 Credits**

Students broaden and deepen their understanding of health care issues affecting high priority populations. The focus is on groups, aggregates and populations experiencing inequalities and exclusion related to the social determinants of health. Utilizing theories, evidence, and stakeholder experience, students develop and apply strategies that foster resiliency through building capacity, promoting health, reducing harm, and advocating for primary health care at the individual, family, community and policy level. Resiliency of the registered nurse working with high priority populations is explored through the means of theory and self assessment.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-426**Perspectives of Trauma and Injury****3 Credits**

Students explore themes and concepts related to trauma and injury across the lifespan. Trauma and injury are further examined from multiple perspectives that affect individuals, aggregates, and communities. The core concepts and complex issues of trauma nursing care are examined. Prevention, risk assessment, and harm reduction are analyzed as they relate to government legislation, inter-sectoral policy development and the determinants of health. Students examine interprofessional collaboration within local, provincial, national, and international injury and trauma programs.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-428**Perspectives of Life-Threatening and Critical Illness****3 Credits**

Students discuss themes and examine concepts related to life-threatening illness across the continuum of health, healing, rehabilitation, and end of life care. Health promotion, injury/illness prevention, and risk assessment are discussed within the context of critical illness and prevalent risks and factors of critical illness are examined. Students have the opportunity to explore an area of interest in further depth. A variety of perspectives are considered for promotion of best practices and evidence-informed nursing care, including patient/family-centered approach, safety, policy, quality improvement, ethical reasoning, quality of life, and inter-professional collaborative practice.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-432**Transforming Health through Teaching and Learning****3 Credits**

Students work both independently and with faculty guidance to explore the role of education in professional nursing practice. Students analyze the theoretical underpinnings of philosophies and principles of education to enhance health and promote critical literacy. The impact of health education issues and trends are explored within the context of the learner-educator relationship. Students engage in a process of individual and collective learning to acquire salient knowledge, skills, and attributes related to the development of an evidence-informed teaching practice. The student is expected to develop, demonstrate, and evaluate teaching and learning approaches used across the lifespan within varying contexts and populations.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-472**Leadership in Nursing****3 Credits**

Principles, theories and competencies of leadership and followership are examined. Concepts of power, influence and change are discussed in relation to formal and informal nursing leadership roles. Relevant theory, evidence, practices and principles are addressed. Personal, organizational and societal influences on leadership are examined, emphasizing the leadership role of nurses within the healthcare system.

Prerequisites: Minimum grade of C- in NURS 344 and HLST 354.

NURS-474**Future Directions in Nursing****3 Credits**

Students develop an awareness of how trends and emerging issues from provincial, federal, and global perspectives influence the health care system, professional practice, and the discipline of nursing. Through collaborative learning and self-reflection, students examine diverse practice roles and settings, continuing education opportunities, and a variety of current trends and issues within the context of present and future implications for nursing. Students explore and develop a sense of self as a professional and personal strategies for future practice.

Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS-475**Ethics in Gerontology and Palliative Care****2 Credits**

Students undertake a comprehensive examination of the historical, philosophical and theoretical complexities of health ethics through the critical analysis of ethical frameworks and decision making models. These frameworks, along with an understanding of professional nursing standards, are applied to an advanced investigation of contemporary issues within gerontological and palliative care nursing.

NURS-476**Leadership in Care Management****2 Credits**

Students focus on the knowledge and skills nurses require for leadership within healthcare organizations in the care of gerontological or palliative care clients. Change management and conflict resolution within teams is examined. Case management tools and care pathways are explored in order to enhance nursing practice and to facilitate successful outcomes for these client groups.

Prerequisites: Registered nurse, registered psychiatric nurse or consent of program.

NURS-477**Therapeutic Relations in Specialty Practice****3 Credits**

Students focus on the advancement of therapeutic relationship skills in application to palliative and gerontological client and family care. Theories and concepts within the therapeutic relationship are explored with an emphasis placed upon therapeutic assessment and nursing interventions. Family dynamics, culture, human diversity, conflict, grief and bereavement are key factors examined in gerontology and palliative client care relationships. Strategies are targeted to support and strengthen resilience and coping mechanisms of the client and family. As a foundation in client-family care, interprofessional collaboration is cultivated in the context of therapeutic relationship development.

NURS-478**Field Project****1 Credit**

Through development of a self-directed project, students engage in an opportunity to demonstrate an advanced level of mastery in specific subject matter related to either the specialty fields of gerontological or hospice palliative care nursing. In this focused study, students appraise, synthesize and integrate prior program theory, experiential learning, contemporary research, and evidence-based inquiry in the application of concepts specific to nursing practice. Students are responsible for the design of their project objectives, selection of project strategies and evaluation of the project under the supervision of faculty.

NURS-479**Nursing Practice: Professional Roles Influencing Care****5 Credits**

Students consolidate knowledge and skills as they begin the transition to registered nursing practice. Clinical practice experiences are selected to maximize readiness to practice, develop confidence and enable collaboration with interprofessional teams. Students integrate theories and knowledge related to nursing practice, ethics, leadership/followership, complexity science, and healthcare system trends. Students evaluate the influence of evidence, policy and legislation on decision-making practices in complex health systems using a solution-focused perspective. Students analyze relational capacity of self and others for leadership, conflict management, team building, and change management. Knowledge, assessment, critical inquiry, clinical judgment and best nursing practices are integrated.

Prerequisites: Minimum grade of C- in NURS 472 and NURS 474.

NURS-480**Conceptualizing Gerontology****2 Credits**

Students examine concepts of the aging experience and explore health, transitions, self actualization, and independence in order to respond to the unique needs of the older individual. Along with this expanded knowledge, gerontological nursing competencies, standards and models of nursing practice enable the student to describe a personal framework of care delivery to older adults.

NURS-481**Optimizing Older Adult Health****4 Credits**

Health status changes in the older adult occur as a result of normal aging processes, individual environment adaptation, common health conditions and the presence of disease. Students assess and interpret these elements, develop appropriate nursing responses, and consider interprofessional team interventions in the management of acute and chronic disease. Students explore presenting signs and symptoms in their health assessment. Nursing care strategies reflect the inter-relationship between aging body systems, disease processes, and medication effects in order to optimize healthy aging. Student evaluate the resultant care strategies of current gerontological nursing research to support healthy aging care strategies.

NURS-482**Dementia Care in the Elderly****4 Credits**

Dementia care in the older adult is addressed across all care settings, from prevention through to end-of-life care. The characteristics, etiology, risk factors and behavioural manifestations associated with dementia are explored. Current protective factors, drugs, and treatments used in care of persons with dementia are reviewed. Ethics, values, end-of-life and caregiver issues are discussed within the context of dementia care.

Prerequisites: Registered nurse, registered psychiatric nurse, or consent of program.

NURS-483**Conceptualizing Hospice Palliative Care****2 Credits**

An introduction to the holistic approach, foundational values, and models of care in the provision of adult end-of-life care are the focus of this course. Professional standards of practice and frameworks throughout the life-threatening illness continuum of care are summarized. Issues pertaining to the palliative population are discussed. The impact of a terminal illness on quality of life for the person and family is addressed.

Prerequisites: Registered nurse, registered psychiatric nurse, or consent of the program.

NURS-484**Pain Assessment and Management****4 Credits**

Students examine the multidimensional, interprofessional approach to the assessment and management of pain. The impact of pain in malignant, nonmalignant, and chronic conditions in the palliative and gerontological populations are explored. The use of pharmacological, non-pharmacological, and complementary therapies used in the management of pain are examined. Issues associated with pain management are addressed.

NURS-485**Palliative Symptoms****4 Credits**

Physical symptoms of concern in adult palliative care are addressed. Through a multidimensional, interprofessional approach, symptom assessment, etiology, interpretation, and treatments of symptoms are examined. The implications and treatment of common complications and palliative emergencies are explored. The physiological changes when approaching death are discussed.

Prerequisites: Registered Nurse, Registered Psychiatric Nurse, or consent of program.

NURS-489**Nursing Practice: Preceptorship****9 Credits**

Students are prepared for the transition into registered nursing practice. Through a preceptored practicum, students demonstrate knowledge, skills, attributes, confidence, competence and independence in nursing practice. Students appraise, synthesize and integrate theoretical and practical knowledge to demonstrate ethical reasoning, clinical judgement, moral competency, reflection and inquiry. Students exemplify flexibility, integrity and leadership attributes to manage ambiguity within a complex, dynamic health care system.

Prerequisites: Minimum grade of C- in NURS 479.

OAAS-110**Administrative Office Procedures I****3 Credits**

Students focus on professional administrative skills needed for success in the business world. Topics include the role of the administrative assistant, business procedures, current workplace issues, time-management strategies and stress management.

OAAS-111**Office Technology I****3 Credits**

Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business documents. In addition, students create electronic folders and work with the computer operating system.

OAAS-120**Administrative Office Procedures II****3 Credits**

In this course, students focus on the preparation of business documents and the coordination of business activities. Topics include company research, research interviews, travel arrangements, conferences and meetings and other topics relative to a changing office. Students research, prepare, and present a report on a company in preparation for field placement.

Prerequisites: OAAS 110.

OAAS-121**Office Technology II****3 Credits**

Students attain an intermediate level of proficiency in word processing, spreadsheet and database applications.

Prerequisites: OAAS 111.

OAAS-127**Presentations and Web Pages****3 Credits**

Students develop effective presentations and create and maintain basic Web pages using specialized software.

OAAS-130**Administrative Office Procedures III and Field Placement****3 Credits**

Students are introduced to the functions of selecting, hiring, training, and supervising office personnel. Students complete an office simulation team project. Students complete a 10-day field placement.

Prerequisites: Successful completion of all Term I and Term II courses.

OAAS-131**Office Technology III****3 Credits**

Students work at an advanced level in word processing and at intermediate level to advanced level with spreadsheets, database and other software applications.

Prerequisites: OAAS 121.

OADM-101**Formatting and Presentations****3 Credits**

This course is a general introduction to keyboarding, word processing, spreadsheets and presentation software. Students demonstrate competency in preparing business correspondence and using email.

OADM-103**Word Processing for Legal Assistants****3 Credits**

Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business and legal documents. In addition, students create electronic folders and work with the computer operating system. Students are also expected to attain a minimum speed of 40 words per minute on a five-minute timing using a five-error cutoff.

OADM-112**Customer Communications and Service I****3 Credits**

Students focus on the oral and written communication skills applicable in today's business environment with an emphasis on cross-cultural communication. Students compose and edit routine business correspondence. In addition, students prepare and present an informal report.

OADM-113**Document Formatting I****3 Credits**

Students develop intermediate skills in the production of business documents. Within specified timelines, students will apply formatting and proofreading skills to business documents, and transcribe correspondence from a digital recording. In addition, students are expected to attain a minimum speed of 40 words per minute on a five-minute timing using a five-error cut-off.

OADM-122**Customer Communications and Service II****3 Credits**

Students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio. Students continue to develop their oral and business writing skills within a customer service environment.

Prerequisites: OADM 112.

OADM-123**Document Formatting II****3 Credits**

Students develop advanced skills in the production of business documents from rough draft, edited copy, and verbal instructions. Students are expected to attain a minimum speed of 45 words per minute on a five-minute timing using a five-error cut off.

Prerequisites: OADM 113 and OAAS 111.

OADM-124**Office Math Applications****1 Credit**

Students apply basic mathematical concepts in business and personal applications. Topics covered in this course include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay.

OALS-110**Legal Office Procedures I****3 Credits**

This course introduces students to basic theory and procedures needed for working in a legal office. Topics include the role of the legal assistant, telephone techniques, filing techniques and systems, preparation of statements of account, preparation of legal documents and correspondence. In addition, students learn about the importance of confidentiality.

OALS-111**Word Processing****3 Credits**

Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business and legal documents. In addition, students create electronic folders and work with the computer operating system.

OALS-112**Customer Communications and Service****3 Credits**

In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

OALS-115**Corporate Procedures in the Law Office****3 Credits**

This course is an introduction to the fundamental elements of the law governing corporate procedures. Students learn the procedural law associated with sole proprietorships, partnerships and corporations. As well, students learn the processes to register and maintain the registration of corporations.

OALS-120**Legal Office Procedures II****3 Credits**

This course reviews basic theory and procedures for working with court documents. Students explore the fundamentals of family law and litigation and prepare documents and correspondence related to family law and litigation.

Prerequisites: OALS 110.

OALS-121**Integrated Office Applications****3 Credits**

Students work at an introductory level in database, presentation, and legal accounting software and to an intermediate level in spreadsheet software. In addition, students are introduced to other word processing software.

Prerequisites: OALS 111.

OALS-123**Legal Research and Technology****3 Credits**

This course examines the fundamentals of legal research, involving primary on-line research resources. Case law, legislation and secondary resources are included. Students work at an advanced level in word processing software.

Prerequisites: OALS 111.

COURSE DESCRIPTIONS

OALS-131

Legal Transcription and Field Placement

3 Credits

Students transcribe legal correspondence and documents from digital dictation. Students are introduced to legal customized software. Students complete a ten-day Field Placement.

Prerequisites: Successful completion of all Term I and Term II courses.

OALS-132

Conveyancing Procedures in the Law Office

3 Credits

In this course, students learn basic theory and practical procedures of the law governing conveyancing. Students apply the theory and practice to complete both a sale and a purchase of a residential property.

OAMS-110

Medical Office Procedures I

3 Credits

Students explore the changing role of the Medical Office Assistant with an emphasis on communication, telephone techniques, and medical office procedures. Students discuss ethical and professional standards as well as relevant Acts and Legislations. In addition, students study the concept of cultural diversity and practices within a medical environment.

OAMS-111

Office Technology and Skill Development I

3 Credits

Students create and manage electronic files and work with email and Windows. Student attain an intermediate level of competency in word processing and develop skills in formatting documents using current software. In addition, students achieve a minimum typing speed of 35 net words per minute on a five minute timing, using a five error cut off.

OAMS-112

Customer Communications and Service

3 Credits

In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

OAMS-113

Medical Terminology I

3 Credits

Students analyze the language and terms used to refer to body systems and the related pathology and medical procedures. Emphasis is placed on spelling and understanding terminology through word building. Students apply knowledge of medical terminology to read and understand medical documentation.

OAMS-114

Pharmaceutical Terminology

3 Credits

This course is an introduction to basic pharmaceutical terminology. Students focus on the pharmaceutical terminology related to their administrative duties as medical office assistants and unit clerks.

OAMS-120

Medical Office Procedures II

3 Credits

This course focuses on appointment scheduling, medical billing using specialized software, and records management. The students build on the skills developed in Medical Office Procedures I, and practice advanced medical office procedures.

Prerequisites: OAMS 110.

OAMS-121

Office Technology and Skill II

3 Credits

Students work with spreadsheets, database and presentation software in the preparation of business documents and presentations. In addition, students achieve a minimum typing speed of 40 net words per minute on a five minute timing, using a five error cut off.

Prerequisites: OAMS 111.

OAMS-123

Medical Terminology II

3 Credits

This course provides students with further knowledge of medical terminology and the pathology and medical procedures related to each body system studied. Students apply knowledge of medical terminology to read and understand medical reports. Emphasis is placed on spelling and understanding terminology through word building.

Prerequisites: OAMS 113.

OAMS-126

Medical Transcription

3 Credits

Students develop the skills and knowledge necessary to accurately transcribe a variety of medical reports from audio. Students incorporate their knowledge of medical and pharmaceutical terminology, medical abbreviations, punctuation and grammar. Emphasis is placed on development of transcription speed and proofreading skills.

Prerequisites: OAMS 113 and OAMS 114.

OAMS-127

Unit Clerk

2 Credits

This course prepares students to work as a Unit Clerk or Clerk within a hospital or a medical office setting. Students learn how to transcribe doctors' orders, to support the manager and other health care professionals in various administrative tasks, and to perform other required duties within a clinical nursing unit or within a medical office administrative setting.

Prerequisites: OAMS 113 and OAMS 114.

OAMS-128**Office Math Applications and Basic Bookkeeping****2 Credits**

Students apply basic mathematical concepts in business and personal applications. Topics include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay. In addition, bookkeeping terminology and its application are covered.

OAMS-130**Medical Office Procedures III****3 Credits**

This course focuses on the practical experience in preparation for work in a variety of medical office and hospital environments. Students learn health and safety regulations, infection control principles, first-aid techniques necessary to work in a clinical environment. Students continue to increase proficiency in medical and pharmaceutical terminology, requisitioning of medical tests or procedures, office technology, keyboarding and transcription skills. As well, students will demonstrate professional behaviour and attire.

Prerequisites: ENG 111, OAMS 114, OAMS 128, OAMS 112, OAMS 120, OAMS 121, OAMS 123, OAMS 126, OAMS 127.

OAMS-134**Medical Major - Field Placement****3 Credits**

This course focuses on practical application of the skills required in the operation of medical environments (such as doctor's office, clinic, hospital, or government medical department) through a three week field placement. **Note:** In order to participate in the Medical Major Field Placement, students must have completed all Term 1 and Term 2 courses as well as OAMS 130 Medical Office Procedures III, and present a minimum of a 2.0 GPA.

Prerequisites: All term 1 and term 2 courses.

OCCH-300**Introduction to Occupational Health Nursing****3 Credits**

Students are introduced to the field of occupational health nursing through examination of basic concepts in this nursing specialty. The history of occupational health is explored with emphasis on defining the occupational health nurse's role in occupational health environments. Roles and functions of the occupational health and safety team are discussed as well as the relationships between its members. Standards and competencies that apply to this field of nursing are addressed and government legislation which influences occupational health programs is examined. Assessment of workers and their work environments is introduced.

OCCH-301**Occupational Environments****4 Credits**

Students examine the relationship between workers and their working environment. Students explore the philosophy of identifying, evaluating, and controlling occupational stressors that affect the health of workers. Health hazards produced by physical, chemical, biological, and ergonomic stressors are addressed. Canadian provincial legislative and regulatory requirements concerning the work environment are discussed. As well, basic principles of accident prevention are identified.

OCCH-302**Occupational Health Screening****4 Credits**

Examines current best practices in occupational health screening and the role of the occupational health nurse in their application. Students perform venipuncture and screening tests including audiometry, spirometry, and vision and review and apply the results of testing to occupational health programs in the workplace.

OCCH-303**Field Experience in Occupational Health Nursing****2 Credits**

Students engage in practical learning experiences to increase their awareness of the variability of the occupational health and safety field. Through actual work site placements and virtual workplace activities, students relate occupational health and safety concepts to practice to gain an understanding of the range of settings and scope of practice for occupational health nurses.

Prerequisites: OCCH 300.

OCCH-304**Occupational Health Program Development****3 Credits**

Students are provided with the foundational knowledge that enables them to develop and manage occupational health services and programs. The process of assessment, planning, implementing and evaluating programs is addressed. Students examine policy and procedure development within an occupational health program. Business skills required by employers such as business plan preparation, strategic planning, and marketing are examined.

OCCH-305**Disability Management****3 Credits**

The occupational health nurse (OHN) student is provided with the foundational knowledge required to develop and manage a comprehensive and effective disability management program. Students examine the basic principles and concepts required to plan, develop, and evaluate programs that are aimed at controlling the economic and human costs of disabilities in the workplace. The focus of this course is on the role of the OHN and the processes for claims management, case management and return to work management. Roles and responsibilities of the disability management team and the collaborative approach are discussed. Injury prevention, education, worker accommodation, absenteeism control, and employee assistance programs are addressed. After completing the course, students have the basic knowledge required to manage injuries and illnesses in the workplace that result in workers' compensation, short term disability, or long term disability claims.

OCCH-306**Trends and Issues in Occupational Health****3 Credits**

Students examine current occupational health trends and issues as they relate to the occupational health nurse's role. Professional practice issues such as quality improvement, independent practice and pandemic management are addressed. A number of topics relevant to today's practice, such as substance abuse testing in the workplace, utilization of technology, the impact of worker demographics in the workplace and organizational fitness and wellness are examined. In addition, change management, leadership and ethical decision-making are discussed as they relate to the occupational health nurse's responsibilities in contemporary times.

Prerequisites: OCCH 300.

OCCH-307**Occupational Toxicology****3 Credits**

Students are introduced to the principles of toxicology as they relate to the working environment. Substances such as pesticides, solvents, metals, gases, and particulates are discussed. The effects of these substances on reproduction and carcinogenesis are addressed. The student is also introduced to the principles of epidemiology.

OCCH-308**Health Surveillance****3 Credits**

Students examine occupational health surveillance concepts and the professional, legal and ethical responsibilities of the occupational health nurse in the workplace. Topics include program development for surveillance of workers exposed to physical, chemical, biological, ergonomic and psychosocial health hazards related to occupational illness and injury, as well as emerging disorders. The nurse's role in the provision of primary care, emergency preparedness and disaster planning is examined.

Prerequisites: OCCH 301.

OCCH-309**Occupational Health Nursing: Final Project****2 Credits**

Students assess their learning throughout the Occupational Health Nursing (OHN) program, and translate it to new, more advanced situations and roles for the OHN. Students use connections made between the courses taken and the field of practice to enhance their understanding of the occupational health nurses role as a leader in informing and influencing occupational health and safety. Students consider the local, national or international level in one of the following areas: research, policy development, education, business and strategic leadership, or consulting. Through research students examine how the occupational health nurses contributes or can contribute in an advanced role. Students are responsible for the identification of their specific project under the guidance of faculty.

Prerequisites: OCCH 303, OCCH 304, OCCH 305, OCCH 306, OCCH 307 and OCCH 308.

OOSC-200**School Age Care and Development****3 Credits**

Students examine the role of the child care professional and the goals and philosophy of school age care programs for children ages 6 to 12. Students learn about the school age child, their developmental characteristics, interests and capabilities. Students apply this knowledge to developing play experiences for the school-age child in a group care setting. Students discover and explore recreational and educational resources in the community. An overview of current legislation, standards and professional qualifications that support quality school age programs is included.

Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210, ECDV 201. Non-program students must provide evidence of knowledge/coursework in prog planning, child devel, human relations, and work with school age children in a group setting.

OOSC-205**Programming and Practices for Building Community in Out-of-School Care****3 Credits**

Within the socio-cultural context of school age care, students apply the principles of planning for emergent curriculum to their knowledge, respect for, and awareness of the developmental capacities and interests of school-age children. Students plan curriculum and environments that support children's growing independence and skill development in play, recreation and the arts. Students explore the value of building community, leadership, citizenship and agency in positive identity development for school age children. Diversity issues, social inclusion, bullying and peer relationships are also explored.

Prerequisites: OOSC 200, ECDV 201.

ORGA-201**Introduction to Management****3 Credits**

This course focuses on the nature and structure of work organizations and how people function in these environments. Topics include decision making, planning, organizing, controlling, leadership, organizational design and structure, communication, teams, motivation, conflict, change and strategy. Restricted to Bachelor of Commerce, Asia Pacific Management, and Business Studies Minor students.

Prerequisites: ECON 102.

ORGA-233**Organizational Effectiveness and Change****3 Credits**

Students explore the role of human resources management professionals in facilitating change and developing human capital. Students identify current theories, concepts and processes related to organizational effectiveness, organizational development and change management. Working with case studies, students analyze particular organizational settings and formulate appropriate change and effectiveness strategies. **Note:** Credit may be obtained in only one of ORGA 233 or ORGA 433.

Prerequisites: HRMT 160 and MGMT 122.

ORGA-310**Advanced Leadership Topics and Issues****3 Credits**

This course will examine traditional and contemporary leadership theories and models. Contemporary issues and approaches in leadership will be explored and supported through theoretical and practical application of professional skills. Key leadership concepts are applied in a case format in which students will develop and implement a personal leadership plan.

Prerequisites: ORGA 201 and BUSN 201.

ORGA-314**Managing Negotiation****3 Credits**

Students explore theoretical concepts that support practical training in the key competencies required for negotiating in day-to-day situations. Students demonstrate and apply negotiating skills and concepts in field research situations. Topics include negotiating strategies, opening negotiating tactics, making concessions, closing negotiating tactics, managing conflict, and ethical considerations when negotiating.

Prerequisites: ORGA 201 or HRMT 200 and MGMT 122.

ORGA-316**Contemporary Organizational Behaviour and Theory****3 Credits**

Students apply contemporary organizational behaviour concepts and organizational theory to study topics in private, public, and non-profit organizations. The topics include organizational governance, changing nature of work, managing diversity, organizational design, managing and developing organizational culture. Students study organizational structures and explore how an individual's behaviour in an organization impacts the organization's ability to achieve its objectives.

Prerequisites: ORGA 201 and BUSN 201.

ORGA-320**Sensemaking in Success****3 Credits**

Sensemaking is more than ever needed since our world is increasingly complex, making it challenging to us to understand it in a coherent way. The rapidly changing environment presents us with surprises to which we are often unprepared. Sensemaking is about making sense of the context in which we are operating; it is the process of structuring the unknown to comprehend, understand, predict and act.

This course is structured around fundamental concepts concerning how we view organizations, and the application of these concepts to areas of action crucial to contemporary businesses. Organizations can be viewed as enacted systems, where humans are continually shaping the structures that influence their actions. In essence, we create the systems that then create us.

In this course students examine the nature of sensemaking through guided experiential practice to improve management practice. Sensemaking is an invaluable and learned managerial skill-set related directly to several areas of business activity which enables us to become better leaders.

Prerequisites: ORGA 201 or MGMT 122.

ORGA-330**Managerial Skill Development****3 Credits**

Students explore theoretical concepts that support practical training in the key competencies required for managerial success. Student demonstration and application of managerial skills and concepts in field research situations are important components of this course.

Prerequisites: ORGA 201 or MGMT 121 and MGMT 122.

ORGA-410**Business Consulting****3 Credits**

Students focus on the consulting process, issue and problem diagnosis, consulting approaches and styles, client-consultant relationships, management of change, and professional codes of conduct and ethics. Consultancy is discussed in the context of both internal and external organizational roles and as a career choice. Students work in a team to integrate consulting concepts with knowledge and skills acquired in other Bachelor of Commerce courses and apply them to practical consulting projects.

Prerequisites: ORGA 316.

ORGA-412**Intrapreneurship, Innovation and Creative Problem Solving****3 Credits**

Students analyze and discuss theories, principles, concepts and practices of entrepreneurship within organizations – intrapreneurship. Students research and analyze current trends, organizational challenges to innovation, creativity, and opportunities in developing intrapreneurship in organizations. Students also analyze the theories, nature, and dynamics of implementing change in organizational culture and the impact of an organization's adoption of an intrapreneurship strategy.

Prerequisites: ORGA 201 and BUSN 201.

ORGA-414**Introduction to Public Affairs - Government and Regulatory Issues****3 Credits**

In this course, students focus on government and regulatory processes impacting the non-profit and public sectors. Students study the public policy development process and the role of non-profit organizations in shaping public policy and regulation. The impact of public policy and regulation on organizations is discussed in context of the regulatory and reporting requirements imposed by governments on organizations in the non-profit and charitable sector.

Prerequisites: LENP 300 or BUSN 201.

ORGA-422**Contemporary Issues in Management****3 Credits**

Students analyze and explore current complex social, technological, or legal issues in management; they explore the potential responses firms and other institutions have to issues in management. Students integrate and apply concepts, philosophies, and methods learned throughout the program to understand, analyze and render appropriate strategic and ethical judgments concerning the general management of organizations in today's global context.

Prerequisites: ORGA 316.

ORGA-433**Managing Change****3 Credits**

Students study the conceptual frameworks of organizational development and change. The dynamics of change, implementation considerations, and understanding and managing resistance to change are analyzed. Students apply theory to case studies and develop tools to lead and navigate change situations.

Prerequisites: ORGA 316.

ORGA-497**Special Topics in Management****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Organizational Behaviour, HRM, Management and MIS for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level ORGA course and consent of the department chair or designate.

ORGA-498**Independent Studies in Management****3 Credits**

In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance management knowledge or practice. **Note:** This course can be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

ORGA-499**Honours Thesis - Management****3 Credits**

Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.

Prerequisites: BUSN 396, BUSN 397 and BUSN 496.

PABA-386**The Science and Practice of Behaviour Self-Management****3 Credits**

Behaviour self-management is the use of behavioural principles to analyze and manage one's own behaviour. Historical approaches to self-management (or "self-control") are briefly surveyed as well as recent cognitive approaches. These are then contrasted with behavioural approaches in which self-control is viewed as heavily influenced by the environment. Basic strategies and tactics of behaviour self-management are explored as well as the application of self-management procedures to specific areas of concern. Students are expected to systematically design and implement a self-management project as part of the course requirements.

Prerequisites: A minimum grade of C- in PSYC 281

PABA-485**Single-Case Research Designs****3 Credits**

This course is an introduction to single-case research designs. It examines the use of single-case designs to assess various dimensions of behaviour and evaluate the effects of behavioural interventions. The challenges and limitations of single-case research are discussed, as well as the manner in which single-case data can be used to establish the validity of evidence-based interventions. The course encompasses a broad range of research within both the behaviour analytic literature and other disciplines including school psychology, medicine, and business.

Prerequisites: A minimum grade of C- in PSYC 385

PABA-486**Behavioural Interventions in Developmental Disabilities****3 Credits**

This course examines the application of behaviour analysis in practice with developmental disabilities, specifically in autism. The course examines the research and the clinical recommendations for behavioural interventions in practice. The course also discusses the practice guidelines by the BACB and the National Standards Project in Autism.

Prerequisites: A minimum grade of C- in PSYC 385

PACT-103**Physical Fitness****3 Credits**

This is an experiential and lecture course designed to provide participants with a working understanding of health and physical fitness, in addition to the the basic concepts for development and measurement. The interrelationships of food, nutrition, weight and activity is studied, researched and evaluated on a personal basis. (**Note:** May not be taken for credit if credit was obtained for HEED 220).

PACT-110**Introduction of the Basics of Aquatics****3 Credits**

In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of aquatics.

Prerequisites: The ability to swim 25 meters.

PACT-111**Introduction of the Basics of Basketball****3 Credits**

In this course students acquire theoretical knowledge and personal skills used in the instruction of the basics of basketball.

PACT-114**Introduction to Ice Hockey****3 Credits**

Acquisition of theoretical knowledge and personal skills used in the instruction of the basics of ice hockey. **Note:** Students must have average to above average skating ability. Students must provide their own skates, sticks, hockey gloves, helmets, elbow pads and shin pads.

PACT-118**Instruction of Soccer****3 Credits**

In this course students will acquire theoretical knowledge and personal skills used in the instruction of the basics of soccer.

PACT-131**Instruction of the Basics of Badminton****3 Credits**

Students acquire theoretical knowledge and personal skills used in the instruction of the basics of badminton. Students must supply their own racquets and shuttlecocks.

PACT-133**Instruction of Squash****3 Credits**

In this course students acquire theoretical knowledge and personal skills used in the instruction of the basics of squash.

PACT-137**Instruction of the Basics of Volleyball****3 Credits**

Students acquire theoretical knowledge and personal skills used in the instruction of the basics of volleyball.

PACT-145**Golf****1.5 Credits**

In this course, students acquire theoretical knowledge and personal skill in driving, chipping, pitching and putting. This course requires the payment of additional fees. Students must provide their own equipment. **Note:** Students who have obtained credit for PHSD 145 cannot take PACT 145 for credit.

PACT-155**Instruction of Social Dance****3 Credits**

This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of social dance. Emphasis is placed on the acquisition of the basic movement and style of each dance, step variations and sequences, and how to teach them.

PACT-156**Instruction of the Basics of Yoga****3 Credits**

In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of yoga. Students are introduced to several different yoga forms with an emphasis on Hatha, Vinyasa and Astanga yoga.

PACT-180**Instruction of Canoe/Kayaking****3 Credits**

Students acquire theoretical knowledge and personal skill used in the instruction of strokes, maneuvers, and rescue in the sport of canoeing and kayaking. Skill acquisition and demonstration take place in the pool, rivers and open water. Equipment is available from the Sport and Wellness Centre. This course has optional weekend commitments.

Prerequisites: Red Cross Aquaquest Level 8 or RLSS Lifesaving II or YMCA Level 3 or the ability to swim front crawl and back crawl efficiently.

PACT-181**Cross Country Skiing****1.5 Credits**

In this course, students acquire theoretical knowledge and personal skill in the basic Nordic ski skills including classic, skating, and hill manoeuvres. The course will include weekend touring and loppett racing opportunities. Equipment is available but participants are encouraged to provide their own.

Note: Credit can only be obtained in only one of PACT 181 or PHSD 181.

PACT-195**Introduction to Scuba****1.5 Credits**

This course provides students with the opportunity to acquire the theoretical knowledge and fundamental skills required in Scuba. **Note:** Credit can only be obtained in one of PACT 195 or PHSD 195. Students must be able to swim 200 meters and tread water for 10 minutes.

PACT-196**Introduction to the Basics of Triathlon****3 Credits**

This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of triathlon. This includes an introduction to swimming, cycling and running.

Prerequisites: Ability to swim 25 meters.

PACT-199**Introduction to the Basics of Strength Training****3 Credits**

Students acquire the theoretical knowledge and personal skills used in the instruction of the theory and practical basis of strength training. Emphasis is placed on the student's ability to perform and teach common lifting techniques along with program design using free weight and resistance training apparatus.

PBNS-401**Foundations of Perioperative Nursing Practice****2 Credits**

Theory and practice governing perioperative nursing as set out by the Canadian Nurses Association (CNA) and the Operating Room Nurses Association of Canada (ORNAC) provide the foundation for the examination of the fundamental concepts of perioperative nursing in this course. The various roles of the perioperative Registered Nurse and the surgical team are explored. The patient as a unique individual is examined in relation to the perioperative experience.

PBNS-402**Concepts of Anesthesia Within Perioperative Nursing****2 Credits**

Principles of safe practice when assisting with anaesthesia and associated pharmacology are examined. Physiologic maintenance and monitoring are explored as well as management of perioperative complications.

PBNS-403**Perioperative nursing in the preoperative, intraoperative and postoperative environment****4 Credits**

Care of the patient in the preoperative, intraoperative, and postoperative phases of surgery are examined in detail. Topics include: preparing a safe surgical environment; surgical instrumentation and equipment; surgical asepsis and sterile techniques; preoperative, intraoperative, and postoperative patient care; the roles of the scrub and circulating nurse; and surgical site management.

PBNS-404**Fundamentals of Perioperative Techniques****2 Credits**

Within a simulated perioperative setting students integrate theoretical concepts and apply evidence-informed perioperative principles and techniques. Students practice skills related to the scrub and circulating Registered Nursing roles based on Operating Room Nurses Association of Canada (ORNAC) practice standards and competencies. Students incorporate concepts of leadership to effectively work in a complex inter-professional perioperative team.

Prerequisites: PBNS 403.

PBNS-405**Perioperative Clinical Preceptorship****8 Credits**

Under the supervision of a Registered Nurse preceptor, the student provides direct patient care in the perioperative setting. Students are exposed to a variety of surgical experiences. Students are expected to scrub and circulate on a variety of surgical procedures which may include one or more of the following: general surgery, gynaecology and obstetrics, orthopaedics, plastic surgery, ear, nose, throat (ENT) surgery, urology, vascular, endovascular, and/or cardiovascular surgery. The surgical specialties offered will be dependent on the placement location. Students gain experience and confidence to function independently providing safe and effective patient care. Concepts of nursing leadership within the operating theatre are integrated and applied within the clinical setting. The importance of evidence-based practice and use of research in the perioperative setting are emphasized.

Prerequisites: PBNS 404.

PBNS-465**Pathophysiology of Cardiac Disorders****3 Credits**

Students acquire specific knowledge related to the anatomy, physiology, and pathophysiology of cardiac disorders. Health promotion, disease prevention, epidemiology, etiology, risk factors, and sequelae are examined. Atherosclerosis, acute coronary syndrome, angina, heart failure, metabolic syndrome, valve dysfunction, cardiomyopathies, vascular disease, and congenital abnormalities are examined as they apply to individuals, families, communities, and populations.

PBNS-466**Focused Assessment of Cardiac Function****3 Credits**

Students develop the skills necessary to assess the patient with cardiac disease. History and physical examination, along with laboratory assessment and diagnostics are examined in depth. Students apply theory to understand physical assessment findings as related to the pathophysiology. Introductory rhythm analysis and 12-lead electrocardiography along with indications and appropriate nursing interventions for specific diagnostic procedures are examined. Specific diagnostic procedures such as angiography, stress test, Holter monitoring, MUGA scans, echocardiography (transthoracic and transesophageal), and electrophysiology studies are distinguished.

PBNS-467**Management of Cardiac Disorders****3 Credits**

The focus of the course is the patient journey from acute episodes to chronic conditions including rehabilitation and palliation. Students analyze medical, nursing and pharmacological management of the patient with cardiac disease. Principles of pharmacology related to common cardiac medications are applied through case studies. Communication and interprofessional collaboration that promote effective patient teaching and thus optimize care of the individual, families, and groups are emphasized. Case studies are utilized to discuss legal and ethical issues related to cardiac care.

Prerequisites: PBNS 465 and PBNS 466.

PBNS-468**Care of the Cardiac Surgical Patient****4 Credits**

Students investigate cardiac surgical techniques such as coronary artery bypass grafting, valvular surgery, transplantation, and correction of congenital defects. Pre-operative assessment, intra-operative techniques, post-operative care and rehabilitation are examined. Patient teaching and legal/ethical aspects of cardiac care are applied through case scenarios. The student must be a registered nurse to participate in this course

Prerequisites: PBNS 465 and PBNS 466.

PBNS-469**Advanced Management of Cardiac Disorders****4 Credits**

Students build upon the foundational knowledge of cardiac sciences to explore advanced nursing concepts related to rhythm analysis, 12-lead electrocardiography, and pacemaker techniques. Sensitivity to cultural diversity, religious beliefs and spirituality are discussed and integrated into the care of the cardiac population. Current trends in research are discussed. The student must be a registered nurse to participate in this course.

Prerequisites: PBNS 467.

PEDS-100**Structural Anatomy****3 Credits**

Students are introduced to the study of human anatomy. Students learn structural and functional components of selected systems of the human body. Restriction: Physical Education students.

PEDS-101**Introduction to Human Physiology****3 Credits**

This course provides an introduction to human physiology from the cellular to systemic level with special emphasis on systems that adapt to exercise stress.

Prerequisites: Biology 30.

PEDS-103**Integrative Human Physiology****3 Credits**

This course focuses on the regulation, control and integration of cellular functions in the human body with special emphasis on systems that respond to exercise stress. **Note:** For BPE students only.

Prerequisites: Minimum grade of C- in PEDS 101.

PEDS-109**Statistics, Measurement, and Evaluation****3 Credits**

This course focuses largely upon the application of descriptive and inferential statistics in the context of quantitative and quantitative research. The course also introduces students to basic principles surrounding measurement error, test reliability, and validity. **Note:** Students cannot receive credit for PEDS 109 if they received credit for PEDS 309, PSYCO 211, SOC 210, STAT 141, or STAT 151.

PEDS-200**Physiology of Exercise****3 Credits**

An introduction to physiological adaptations to stress of exercise and training.

Prerequisites: Minimum grade of C- in PEDS 101.

PEDS-201**Applied Ethics In Physical Education and Sport****3 Credits**

This course provides students with a philosophical examination of ethical issues in the professional practice of physical education and sports studies.

Prerequisites: Minimum grade of C- in PERL 204.

PEDS-203**Skill Acquisition and Performance****3 Credits**

The course presents a psychological approach to understanding human motor behaviour. The course examines the processes involved in learning motor skills and controlling movement and the factors that influence acquisition and performance. Restricted to Physical Education Students.

PEDS-205**Introduction to Outdoor Environmental Education****3 Credits**

Students are introduced to outdoor environmental education, wilderness travel and outdoor leadership on a conceptual, theoretical and experiential basis. There is particular emphasis on the Alberta and Canadian context. This course requires weekend commitment.

PEDS-206**Biomechanics****3 Credits**

This course focuses on the methods to perform qualitative biomechanical analyses of human movement. These analyses involve the application of appropriate mechanical principles and the relationships between these principles. **Note:** Restricted to Physical Education students.

Prerequisites: A minimum grade of C- in PEDS 100 or PEDS 294.

PEDS-207**Physical Growth and Psychomotor Development****3 Credits**

This course focuses on the study of concepts and principles appropriate to physical growth and development and to skill acquisition during the lifespan. Attention is given to information that recognizes the sequential changes in physical growth and motor development with an emphasis on individual differences.

PEDS-209**Research Methods in Kinesiology****3 Credits**

Students acquire an overview of research procedures used in kinesiology with an emphasis on the practical application of research techniques and designs. Topics covered include research design, ethics in research, information retrieval, data collection methods, subject selection, sources of error, types of research, and presenting results. **Note:** Credit will be granted for only one of PEDS 209 or 409.

Prerequisites: PEDS 109 or 309 or STAT 141 or 151.

PEDS-240**Introduction to Sports Injury Management****3 Credits**

Analysis of practical and theoretical concepts of sports injury. Includes an overview of sports medicine, care and prevention of injuries, and safety in athletics and physical education. Restriction: Physical Education students.

Prerequisites: Minimum grade of C- in PEDS 100.

PEDS-245**Introduction to the Profession of Coaching****3 Credits**

This course examines the principles of coaching as they relate to the development of the athlete, the role of the coach, and the organization of sport in contemporary society. This course presents basic coaching theory that is applicable to a variety of sport settings with the focus on the practice and the season. Upon successful completion of the course, students will complete their Introduction to Competition and Part A & B Multi Sport Theory certification with the National Coaching Certification Program (NCCP). Additional fees for NCCP are required. (This fee is included as part of textbook costs and are administered through the MacEwan Bookstore.)

PEDS-246**Coaching Practicum I****3 Credits**

The purpose of this course is to provide the student with a practical coaching experience under the guidance of a head coach. It is intended to introduce the student to the demands of coaching. Students are required to coach for a complete season as an Assistant Coach in a program approved by the student's coaching mentor. **Note:** At least 100 hours of outside classroom time is required.

Prerequisites: Minimum grade of C- in PEDS 245.

PEDS-293**Introduction to the Movement Activities of Children****3 Credits**

A study of developmentally appropriate movement activities for children 5 -12 years of age. Students participate and work with children in a variety of physical activities in recreational, educational and sport environments.

PEDS-294**A Conceptual Approach to Physical Activity****3 Credits**

This course is a study of the fundamental movement concepts and principles that underlie the physical activities engaged in by youth of secondary school age. The focus of the course is on the development of a conceptual understanding of movement; therefore, a wide range of activities and their contexts are examined and experienced. Restriction: BPE and BEd (Physical Education majors/minors) only. (**Note:** credit will only be granted for one of PACT 101 or PEDS 294)

PEDS-391**Scientific Basis of Human Movement****3 Credits**

This is a lecture course with an emphasis on introductory knowledge and practical implications of the structural, functional characteristics and capabilities of the human body with respect to human movement.

Prerequisites: Biology 30.

PERL-104**Introduction to Sociocultural Aspects of Leisure and Sport****3 Credits**

The study of play, physical education, recreation, sport and leisure as institutionalized ways in which society organizes and teaches attitude and skills. Provides an introduction to the importance of sociocultural inquiry and the notion of being critical as an empowering process. Restricted to Physical Education students.

PERL-105**Introduction to the Management of Sport, Physical Activity and Recreation Programs****3 Credits**

This course provides students with the basic skills required to successfully administer a sport and/or recreation program. Restricted to physical education students. **Note:** Credit can only be obtained in one of PERL 105 or PEDS 105.

PERL-204**Canadian History of Leisure, Sport and Health****3 Credits**

An examination of the significant changes that have occurred in leisure and sport, specifically over the last century and with particular reference to Canadian society.

Prerequisites: Minimum grade of C- in PERL 104 or consent of the department.

PERL-207**Adapted Physical Activity and Leisure for Diverse Populations****3 Credits**

Students are introduced to the theory and practice of physical education and recreation for people with disabling conditions or special needs. Students study selected disabilities and the implications of these disabilities for participation in sport, physical activity and leisure. Students are required to commit to a minimum of ten hours of service to a local program for persons with disabilities.

Prerequisites: Minimum grade of C- in PEDS 100.

PERL-300**Cross-Cultural Wellness****3 Credits**

This course examines concepts of wellness from a variety of cultural perspectives and includes a cross cultural experience in a developing country. An analysis of personal wellness priorities will be followed by examination of the concepts and priorities of wellness found locally in diverse cultures. While abroad the students will be working on a service learning project, observing wellness priorities and interacting with the local community.

Prerequisites: Minimum grade of C- in HEED 110 or PERL 104 or consent of the department.

PESS-195**Spectrum of Dance in Society****3 Credits**

This course explores the theory and practice of dance as a human physical activity. Focus is on the aesthetic, expressive, and rhythmical dimensions of movement in a culture's artistic and social life. The course includes movement content, techniques, improvisation, composition and performance in a variety of dance forms including modern/creative, ballet social, jazz and folk dance. Students perform and critique dance steps.

PGCT-362**Sports Psychology****3 Credits**

This course explores the psychological dimensions that influence high performance sport. Students consider theoretical and practical problems facing high performance athletes in high stress situations and how to coach others to overcome performance problems. Contemporary approaches to counselling and advising professional golfers are examined, including how to achieve performance improvement goals. Students learn techniques to prepare golfers for recreational and competitive play.

PGMT-111**Golf As a Profession****1 Credit**

This course provides an opportunity for people who wish to pursue golf industry-related careers as a profession to examine their personal suitability as well as career development strategies. Various aspects of the golf industry, including the history of golf and an introduction to the Canadian Professional Golfers' Association (CPGA), are also examined in this course.

PGMT-115**Introduction to Golf Management****3 Credits**

This course provides an introduction to the game of golf and career opportunities in the golf industry. Various aspects of the golf industry, including the PGA of Canada and the Royal Canadian Golf Association, the history and development of the game of golf, the business of golf and the significant people and events that have shaped the game are examined. Key elements of resume and employment interview preparation are covered. In addition, the course includes a comprehensive examination of the rules of golf as presented by the Royal Canadian Golf Association Rule Book. Handicapping and the course rating system are covered.

PGMT-120**Backshop and Practice Facility Operations****3 Credits**

The Backshop operations of a golf facility are covered in this course, including management of the backshop (staffing, training, supervising, and budgeting), equipment storage, maintenance, and repair and cleaning. This course also provides a comprehensive examination of how to manage a golf car fleet. A comprehensive examination of practice facility operations, as part of a golf facility and as a standalone business are covered. An overview of golf equipment, design, performance, repair and fitting is also included in the course.

Prerequisites: PGMT 115.

COURSE DESCRIPTIONS

PGMT-121

Rules of Golf

2 Credits

This course involves a comprehensive examination of the rules of golf as presented by the Royal Canadian Golf Association Rule Book. Use of the RCGA decisions book, as well as the handicapping and course rating system, are also covered.

PGMT-125

Facility Management

3 Credits

This course provides students with a comprehensive overview of the operation and management of leisure facilities. Some of these facilities feature golf as the single most important activity and some are multi-use facilities. Because leisure facilities are often board-governed, this course explores various aspects of the structure, roles and administration processes that characterise board-governed, non-profit organizations with a focus on working effectively, from a senior management perspective, with boards and committees.

PGMT-151

Backshop and Practice Facility Operations

1 Credit

Backshop operations are covered in this course, including management of the backshop (staffing, training, supervising and budgeting), equipment storage, maintenance, repair and cleaning. Loading and unloading procedures, safe operation and cleaning of golf cars are reviewed. A comprehensive examination of practice facility operations, as part of a golf facility and as a standalone business, is covered. Topics include management considerations, design features and equipment.

PGMT-171

Professional Golf Management Practicum

3 Credits

This practicum is an integral part of the program that balances on the job training and experience with course work. Reporting to a senior manager, students work full time as a paid staff member in the golf industry.

PGMT-211

History and Current Practice of Golf

2 Credits

This course is designed to develop the students' knowledge of golf as well as their skills gathering, organizing and presenting information. Students learn the history and development of the game of golf, the business of golf and the significant players and instructors who have shaped the game.

PGMT-215

Golf Operations

3 Credits

This course examines a number of key aspects of managing a golf operation including the effective design and management of golf tournaments, programs and leagues, the role of various booking systems as a means of managing the inventory of tee times, and the role of the starter and course marshal. Also included in the course is an overview of the various aspects of golf course maintenance.

Prerequisites or Co-requisites: PGMT 115.

PGMT-225

Food and Beverage Operations

3 Credits

This course provides an overview of food and beverage operations in golf facilities and examines the management requirements for their successful operation. Students examine the roles of the manager of a food and beverage operation including product knowledge, risk management, control systems, menu development, service levels, product quality, policies and procedures, labour and supply costs, food service equipment, safe food handling practices and alcoholic beverage service, food and beverage purchasing, and marketing of food and beverage services.

Prerequisites: PGMT 125.

PGMT-230

Dynamics of the Golf Swing

3 Credits

Students learn both theoretical and practical knowledge relating to the golf swing. The course focuses on the anatomical and physiological concepts associated with the golf swing, biomechanical principles necessary to move the golf ball towards its target and physical conditioning requirements for golfers.

PGMT-235

Player Development

3 Credits

Students participate in and observe golf lessons. Students develop skills to improve their golf swing technique, short game, pre-shot routine, sports psychological skills, course management strategy, and preparation for competitive events.

PGMT-251

Booking Systems, Programs and Leagues

1 Credit

This course examines the role and implementation of various booking systems as a means of managing the inventory of tee times within a golf operation. The role of the starter and the course marshal and how to establish and implement special programs, leagues and events are also covered.

PGMT-252

Tournament Organization

1 Credit

In this course, students examine the effective design and management of golf tournaments. The skill set acquired in this course is transferable to the design and management of major events in other sports and the hospitality industry.

PGMT-253

Golf Equipment and Golf Car Fleet Management

2 Credits

This course provides an overview of golf equipment, both hard and soft goods, with an emphasis on how to purchase inventory for the golf shop. Enhancing customer satisfaction and achieving profitability are addressed. This course also provides a comprehensive examination of how to manage a golf car fleet. Topics include building an inventory, golf car maintenance and repair, as well as management considerations for achieving cost-effectiveness and customer service.

PGMT-271**Professional Golf Management Practicum II****2 Credits**

Practicum is an integral part of the program that balances on-the-job training and experience with completed coursework. Reporting to a senior manager, this practicum involves working full-time as a paid staff member in a golf operation.

Prerequisites: PGMT 171.

PHIL-101**Values and Society****3 Credits**

This course provides an introduction to philosophy through a study of issues in ethics and social-political philosophy. Topics may include relativism, justice, rights, obligation, utilitarianism, deontology and social contract theory. Contemporary issues in ethics and politics may also be discussed.

PHIL-102**Knowledge and Reality****3 Credits**

This course provides an introduction to philosophy through a study of issues in metaphysics and epistemology. Topics may include appearance and reality, the nature of knowledge, minds and bodies, personal identity, death and immortality, free will, the nature of God, perception, causation and, space and time.

PHIL-103**Asian Philosophies****3 Credits**

This course provides an introduction to and survey of Eastern and Asian Philosophies. The course investigates philosophical traditions, including important schools and figures, from the histories of India, China and Japan. This includes a consideration of the Hindu or Brahmanical philosophies of the Vedas and Upanishads, Jainism, Buddhism (including Indian, Chinese and Japanese developments), Confucianism, and Taoism. Topics include the nature of reality, the nature of suffering and desire, the nature of a good life and good government, enlightenment, moral virtues, sageliness, view of Nature, and Eastern conceptions of the self.

PHIL-125**Analytical Reasoning****3 Credits**

In this course, students use elementary methods and principles for analyzing reasoning as it occurs in everyday contexts. Topics may include informal fallacies, introduction to scientific method, elementary statistical reasoning, elementary sentential logic, as well as the study of argument in contemporary debates about issues of social concern.

PHIL-200**Metaphysics****3 Credits**

Metaphysics is the area of philosophy that raises and responds to fundamental questions concerning the nature and structure of reality. In this course, students develop an understanding of metaphysical questions and their significance, as well as critically examine the ways philosophers address these questions and the metaphysical issues associated with them. Topics of study may include appearance and reality, the mind-body problem, metaphysical idealism and realism, freedom and determinism, personal identity, time and space, and universals and particulars.

PHIL-201**Buddhist Philosophy****3 Credits**

This course carries out a sustained investigation of Buddhist philosophy. This investigation considers the historical development of Buddhist philosophical thought, beginning with its origin, development, and expansion in India, through its movement into China and then into Japan. The course considers, with the aim of coming to a philosophical understanding, issues such as Buddhist conceptions of suffering, enlightenment, reality, rationality, self, mind, consciousness, meditation and the ethics of compassion. Comparisons with key philosophers and developments in the history of Western philosophy are also discussed. Particular attention is given to philosophies in the Mahayana Buddhist tradition.

PHIL-202**Philosophies of China and Japan****3 Credits**

Students study the philosophies of China and Japan, focusing on Confucianism, Taoism, and Chinese and Japanese Buddhism. This involves, primarily, a consideration of historical movements, figures and schools, although some contemporary figures may also be included. The discussion of Confucianism centers on Confucian Social and Moral Philosophy and issues such as the nature of a good life and good government, sageliness, and Confucian moral virtues. The discussion of Taoism centers on Taoist Metaphysics and issues such as the nature and meaning of the Tao, the principle of wu-wei or no action, and the Taoist understanding of a life lived in accordance with Nature. The discussion of Chinese and Japanese Buddhism focuses on Ch'an or Zen Buddhism (these are, respectively, Chinese and Japanese analogues), but Hua Yen or Kegon Buddhism, and Tien Tai or Nichiren Buddhism may be considered. Issues here center on the Buddhist Philosophy of Mind, and include the nature of enlightenment, self, and rationality.

PHIL-205**Philosophy of Mind****3 Credits**

This course examines basic questions concerning the nature of mind, theories that try to explain the relation of mind and brain, and the issues that these theories raise. The topics of discussion may include Cartesian Dualism, materialism, behaviourism, identity theory, functionalism, qualia, intentionality, artificial intelligence, self and consciousness.

PHIL-210**Symbolic Logic****3 Credits**

This course is an introduction to modern symbolic logic, including the basic concepts of justification, argument, deduction, validity and soundness; translation of ordinary language into symbolic form; using sentential and predicate designators, carrying out truth functional analyses for validity and invalidity, testing sets for consistency, using rules of inference and equivalence to prove validity of arguments, and using methods of conditional and indirect proof in sentential and quantified forms. **Note:** Credit can only be obtained in one of PHIL 210 or PHIL 120.

PHIL-215**Epistemology****3 Credits**

Students study central topics in the theory of knowledge such as truth and rationality, skepticism and the limits of knowledge, self-knowledge and personal identity, relativism and the objectivity of knowledge, and the role of perception, memory and reason as sources of knowledge.

PHIL-220**Symbolic Logic II****3 Credits**

This course is an intensive study of predicate logic with identity. Topics include translation of ordinary language into symbolic form, semantics, tree tests for consistency and validity, derivations in natural deduction systems, mathematical induction, and soundness and completeness. Topics may also include theories of definite descriptions, elementary modal logic, and formal axiomatic systems. *Prerequisites:* Minimum grade of C- in PHIL 210 or equivalent.

PHIL-230**Ancient Western Philosophy****3 Credits**

This course provides a survey of ancient philosophy from the Presocratics to the Neoplatonists. Particular emphasis is placed on the works of Plato and Aristotle.

PHIL-240**Descartes to Kant****3 Credits**

This course provides an examination of the history of modern philosophy through a close reading of some of the major rationalist, empiricist, and transcendental idealist contributors of the period such as Descartes, Leibniz, Locke, Berkeley, Hume and Kant.

PHIL-247**Continental Philosophy: Heidegger to Foucault****3 Credits**

This course provides an introduction to twentieth century continental European philosophy through a close reading of some of the century's major philosophical contributors such as Husserl, Heidegger, Levinas, Derrida, Foucault and Badiou. Specific topics may include: phenomenology, hermeneutics, deconstruction, post-structuralism, and materialist dialectics.

PHIL-248**American Philosophies****3 Credits**

This course examines the historical development of American philosophy from the 19th century to the present, with a particular emphasis on the transcendentalist (Ralph Waldo Emerson and Henry David Thoreau) and pragmatist (William James, John Dewey, Charles Peirce, Jane Addams, Alain Locke) traditions of the United States. African American, Latin American, Caribbean and Indigenous philosophers may also be examined (figures such as W.E.B. DuBois, Vine Deloria, Jr., and Enrique Dussel) as contributors and respondents to these philosophical movements.

PHIL-250**Ethics****3 Credits**

This course involves an examination of fundamental questions and theoretical answers in the philosophical discipline of ethics. Through a detailed study of important and influential texts in the philosophy of ethics, students develop the ability to understand and critically assess various philosophical systems of thought concerning moral judgements and ethical obligations.

PHIL-265**Philosophy of Science****3 Credits**

This course introduces central issues in contemporary philosophy of science. Topics may include theory evaluation, paradigm shifts and theory change, laws of nature, causation and explanation, the rationality of science and its social and historical setting.

PHIL-270**Social and Political Philosophy****3 Credits**

This course provides an introduction to social and political philosophy. The course poses the following questions: what is the nature of politics; what is the state; what is civil society; what (if any) are citizens' political obligations and rights? Readings are drawn from canonic philosophers such as Plato, Aristotle, Aquinas, Machiavelli, Hobbes, Spinoza, Rousseau, Hegel and Marx.

PHIL-280**Aesthetics****3 Credits**

Aesthetics is the branch of philosophy that studies art, beauty and taste. This course introduces aesthetics through the study of theories of art, aesthetic experience, aesthetic judgement and the role of art in society. Students read classical and contemporary writings in aesthetics and apply them to concrete examples of various media, including visual art, music and literature.

PHIL-291**Existentialism****3 Credits**

This course is an introduction to existential philosophy. Through close reading of texts, students study some of the main themes of existential philosophy, such as anxiety, authenticity, bad faith, absurdity, the meaning of human life, and the self as finite and situated self-making. Particular attention is paid to the existential conception of philosophy as a truthful explication of concrete experience rather than the theoretical pursuit of abstract truth. Readings are drawn from the works of major figures in 19th and 20th century existential philosophy, such as Kierkegaard, Nietzsche, Sartre, Camus and Marcel.

PHIL-301**Comparative Philosophy****3 Credits**

In this topic based course, students study one or more non-Western, particularly Asian, philosophical tradition in comparison with approaches taken in the Western philosophical tradition. Issues for comparison between non-Western and Western philosophies may include methods and aims; the relation between religion and philosophy; views on the nature of reality, truth, the self, morality, justice, suffering, desire, and/or reason.

PHIL-305**Philosophy of Psychology****3 Credits**

This course examines the philosophical foundations of psychology, with particular attention to philosophical issues concerning the nature of mind, self, and psychological explanation. Topics may include Subjectivity, Personal Identity, Rationality and Delusion, Private Language, Consciousness, Qualia, Intentionality, Weakness of Will, Freedom of Will, and Artificial intelligence.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-325**Risk, Choice and Rationality****3 Credits**

This course is a study of the formal theory of rationality, including probability, induction, and elementary decision theory. Rational theories regarding an agent's choice, both individually and in a group, under ignorance or under risk, and when acting competitively or cooperatively, are examined in detail.

PHIL-330**Plato****3 Credits**

With a view to both theoretical and moral issues, this course engages in a focused study of Plato and his philosophy. Students will engage in close readings of some of Plato's writings and will evaluate secondary literature on Plato. Some consideration may also be given to Academic Platonism and neo-Platonism.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses

PHIL-331**Philosophy of Love****3 Credits**

This course engages in a philosophical investigation of love. Through a study of classic works of philosophy, students examine the experience of love, the meaning of love, the value of love, and philosophy's relationship to love. Special attention will be paid to Plato's theory of love as it is expressed in the Symposium.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-333**Philosophy of Sex and Sexuality****3 Credits**

This course offers a philosophical analysis of human sexuality. On top of providing an overview of human sexuality as it has been treated in classic works of philosophy, it also looks at the treatment of sexuality in contemporary philosophy. Topics may include gender and oppression, the legitimacy of consent, the politics of sexual relations/interactions, sexuality and embodiment, the morality of seduction, genealogy and sexuality, and the character of heteronormativity and 'perversion.'

Prerequisites: A minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-341**Continental Rationalism****3 Credits**

This course examines the philosophies of such early modern philosophers as Descartes, Malebranche, Spinoza, and Leibniz. Through a close study of the rigorously systematic metaphysics, epistemology, and natural philosophy of these thinkers, this course traces the significant and renowned movement in the history of philosophy known as "Rationalism".

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-342**British Empiricism****3 Credits**

This course examines the philosophies of such early modern philosophers as Locke, Berkeley, and Hume. For their emphasis on sense experience and sensory perception in their respective philosophical systems of thought, these British philosophers are known as members of the prominent and important movement in the history of philosophy referred to as "Empiricism".

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-355**Philosophy of the Environment****3 Credits**

This course introduces central issues in the philosophy of the environment. Topics include the meaning of Nature, foundational ethical theories as applied to the environment, animal rights, anthropocentrism, biocentrism, ecocentrism, conservationism, sustainability, deep ecology and social ecology, and the aesthetics of natural environments.

PHIL-357**Philosophy of Religion****3 Credits**

Students examine the nature of religious belief, religious experience, and religious life from a philosophical perspective. Specific issues may also include the religious use of language, the existence and nature of God, the self in relation to the divine, the problem of evil, faith and reason, scientific views of religion, and mystical experience.

PHIL-360**Death and Dying****3 Credits**

This course offers a philosophical examination of the nature and significance of death. This includes detailed analysis and critical discussion of such topics as: what death is, emotional attitudes toward death, the badness of death, the value of life, immortality, personal identity, and suicide.

PHIL-365**Philosophy of Space and Time****3 Credits**

This course examines the philosophical issues, historical and contemporary, involved in specifying the nature of space and time and how we can know such nature. Topics may include the concept of space in antiquity, the historical debates on the nature of space in the Early Modern period, the so-called Newtonian, Einsteinian and quantum mechanical revolutions, the shape of space-time, and the direction, and alleged paradoxes, of time.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-370**Studies in Political Philosophy****3 Credits**

In this course, students study a topic in political philosophy. The topic for any particular section varies. Possible topics include: liberalism and its critics, the philosophy of power, the nature of law, theories of justice, Plato's Statesman, and Aristotle's Politics. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings.

Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-371**Philosophy of Power****3 Credits**

Through a study of classic and contemporary texts in political philosophy, this course examines the nature of political power. Specific emphasis is placed on sovereignty, ideology and relational power. Course readings may include works by Plato, Bodin, Marx, Althusser and Foucault. In addition to primary texts, students read scholarly studies of classic works.

Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-381**Philosophy as Literature****3 Credits**

This course studies the contact between the literary and philosophical in important philosophical works. Students develop strategies for approaching works of philosophy as pieces of literature and apply those strategies to classic texts of philosophy. The course serves as a practical introduction to the hermeneutical approach to philosophy and philosophical scholarship. Focusing on literary subtle works of philosophy, like those of Plato, Rousseau, Kierkegaard and Nietzsche, the course asks how literary features, which might otherwise appear to be extraneous to philosophical content, contribute to augment, complicate or obscure the philosophical meaning, argument and purpose of the texts. In asking such questions, students consider elements such as the use of irony, metaphor, drama and myth in philosophy. In addition to primary texts, students read scholarly studies of classic works and produce their own hermeneutical studies of the same.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-382**Philosophy of Law****3 Credits**

Through a study of classic and contemporary philosophical writings, this course examines the nature of law. Specific topics may include theories of law, legality and morality, obligation and liberty, rights, legal reasoning and international law. Some emphasis is placed on applying philosophical understanding to concrete cases. In addition to primary texts, students read scholarly studies and produce a major scholarly paper.

Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-383**Philosophy of Film****3 Credits**

This course offers a philosophical examination of film. The examination proceeds by viewing particular films and reading philosophical texts devoted to the medium. Topics may include critical analysis of genre, the aesthetics of the moving image, the nature of film narrative or representation, the relation between film and ideology, or a study philosophical themes through film.

Prerequisites: A minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-386**Philosophy and Health Care****3 Credits**

This course is an introduction to central issues in bioethics with a specific emphasis on practice of health care. Though students may briefly examine classical moral theories and principles, the bulk of the course examines contemporary discussions and issues in bioethics. The emphasis of the course is on ethical reasoning and moral deliberation involving issues in health care. Topics may include patient autonomy and confidentiality, advanced directives, allocation of medical resources, health care advocacy, integrity, and issues pertaining to disability and end-of-life care. Students may also be introduced to major ethical theories and moral principles. Readings may include case studies, legal cases, scholarly articles and classical sources.

PHIL-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHIL-401**Senior Seminar****3 Credits**

In this seminar course, students study the nature, methods, and aims of philosophy, make seminar presentations, and write a major research essay. This course is open only to Philosophy majors. **Note:** Students are advised to enrol in this course in the final winter term of their studies.

Prerequisites: Successful completion of 30 credits of senior philosophy courses.

PHIL-402**Topics in the History of Philosophy****3 Credits**

This seminar course deals with a major figure, issue, or specific period in the history of philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic of any given section of this course is selected by the instructor.

Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-403**Topics in Moral Philosophy****3 Credits**

In this seminar course, students study a topic in moral philosophy broadly construed. The specific topic of each section focuses on a significant philosopher, theme or problem in ethical theory, applied ethics, meta-ethics, political philosophy or social philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by instructor.

Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-404**Topics in Asian Philosophy****3 Credits**

Students study a topic in depth within Asian Philosophy. The specific topic focuses on a significant philosopher or philosophers, text, school, theme or issue within one or more of the traditions of Asian Philosophy, including Buddhism, Jainism, Hinduism, Confucianism, and Taoism. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-405**Topics in Contemporary Philosophy****3 Credits**

In this seminar course, students study a topic in contemporary philosophy. The specific topic focuses on a significant philosophical question and the position or positions that one or more contemporary philosophers take and defend in response to that question. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor.

Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-442**Descartes****3 Credits**

This is a seminar course on the philosophy of René Descartes. In the course, students go beyond the Meditations and read a selection of Descartes' works and correspondences in order to examine a variety of topics including eternal truths, human physiology, the human being, animals, and the "passions". Students also read and analyze relevant secondary literature. In addition to regular seminar participation, students make seminar presentations on material from the reading schedule. The major course assignment is an essay on a specific topic of choice from the course material.

Prerequisites: Minimum grade of C- in 6 credits of philosophy at the 200- or 300-level.

PHIL-444**Kant****3 Credits**

In this seminar course, students examine Kant's theoretical philosophy, pay close attention to interpretations of Kant's transcendental idealism of the early critical period, make seminar presentations, and write at least one major essay on a specific topic of their choice.

Prerequisites: Minimum grade of C- in 6 credits in 200- or 300-level philosophy courses.

PHIL-447**Wittgenstein****3 Credits**

In this seminar course, students examine Wittgenstein's later philosophy in his Philosophical Investigations, paying close attention to his philosophy of language and philosophy of mind. Students also examine important secondary literature concerned with the same, and complete a seminar presentation on this material and a major essay on a specific topic dealing with the material covered. Areas of focus may include meaning, understanding, determinacy of sense, intentionality, rule-following, the private language argument, sensations, the will, the nature of philosophy, and applications of Wittgenstein's philosophy in the Philosophy of Religion.

Prerequisites: Minimum grade of C- in 6 credits in philosophy at the 200- or 300-level.

PHIL-498**Advanced Independent Study****3 Credits**

This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHSC-200**Physical Science Field Skills****3 Credits**

This course is an introduction to field work in the areas of physics, chemistry and Earth and planetary science, which together constitute the Physical Sciences. It involves classroom field preparation in Edmonton, work in the field on the Big Island in the Hawaiian Island chain, and sample analysis and working up the data back in Edmonton. The course concludes with the submission of a final written report. The skills that the participants acquire in this course include mapping of geological features, reproducible sampling procedures, field note taking, strike and dip measurements, the use of star charts and sextants to locate constellations and stars, measurements and observations with a telescope and the analysis of water and air samples.

Prerequisites: Minimum grade of C- in the following: CHEM 102, one of PHYS 109, PHYS 126 or PHYS 146 and either EASC 103 or EASC 105.

PHSC-300**Alberta Oil and Gas Industry****3 Credits**

This course provides an in-depth examination of the oil and gas industry in Alberta and how it is rapidly changing. The course will use an interdisciplinary approach that covers resource exploration, extraction, refining, geology, careers, environmental challenges, and business dimensions of unconventional and conventional oil and gas resources.

Prerequisites: Minimum grade of C- in EASC 238, PHYS 261 and in one of CHEM 261 or CHEM 270.

PHSD-391**The Human Organism****3 Credits**

This course is an introduction to human biology that analyzes the structure and function of systems in our bodies. This course leads to an appreciation of how the human body maintains itself in the face of external and internal challenges. A course for non-majors that will develop their understanding of the foundations of human health and disease. **Note:** This course is only available to Disability Studies Program students. Credit can only be obtained in one of PEDS 391 or PHSD 391.

Prerequisites: Biology 30.

PHYS-020**Physics 20****5 Credits**

Physics 20 is equivalent to Alberta Learning's Physics 20. The course deals with major concepts of kinematics and dynamics, circular motion, universal gravitation, waves and light.

Prerequisite: Science 10, Math 10 or equivalent.

PHYS-030**Physics 30****5 Credits**

The material covered in this course is equivalent to Alberta Learning's Physics 30. Topics include conservation laws, electric and magnetic forces and fields, the nature of the atom and wave-particle duality in nature.

Prerequisite: Physics 20 or equivalent.

PHYS-108**Introduction to University Physics I****3 Credits**

This is an algebra based physics course for students without high school physics. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies, simple harmonic motion, mechanical and sound waves. Students will be also introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. **Note:** This course is not available to students with Physics 20 or Physics 30, and it is intended to be taken in sequence with PHYS 109. Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131.

Prerequisites: Pure Mathematics 30-1.

PHYS-109**Introduction to University Physics II****3 Credits**

This course is an algebra-based physics course on electromagnetism and physical optics intended for students with no high school physics. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction, alternating current circuits and physical optics and radiation. Students will be also introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. **Note:** Credit can only be obtained in one of PHYS 109, PHYS 126, PHYS 130, or PHYS 146.

Prerequisites: Minimum grade of C- in PHYS 108.

PHYS-124**Physics for Life Sciences I****3 Credits**

This is an algebra based physics course on motion of matter intended for students in life and medical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies, simple harmonic motion, mechanical and sound waves. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. **Note:** Physics 30 is strongly recommended. Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131. *Prerequisites:* Mathematics 30-1 and Physics 20.

PHYS-126**Physics for Life Sciences II****3 Credits**

This course is an algebra-based physics course on electromagnetism and physical optics intended for students in life and medical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction, alternating current circuits and physical optics and radiation. Students will also be introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. **Note:** Credit can only be obtained in one of PHYS 109, PHYS 126, PHYS 130, or PHYS 146

Prerequisites: Minimum grade of C- in PHYS 124.

PHYS-130**Wave Motion, Optics and Sound****3.8 Credits**

This is a calculus based course intended for engineering students. Topics include spherical mirrors, thin lenses, simple harmonic motion, wave motion, interference, sound waves, light waves and diffraction. **Note:** Restricted to Engineering students.

Prerequisites: Mathematics 30-1, Mathematics 31 and Physics 30.

PHYS-144**Mechanics and Waves****3 Credits**

This is a calculus based physics course intended for students in the physical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies, simple harmonic motion, mechanical and sound waves. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations.

Note: Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131. *Prerequisites:* Mathematics 31, Mathematics 30-1 and Physics 30.

PHYS-146**Electromagnetism and Radiation****3 Credits**

This course is a calculus-based physics course on electromagnetism and physical optics intended for students in physical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction, alternating current circuits and physical optics and radiation. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations. **Note:** Credit can only be obtained in one of PHYS 109, PHYS 126, PHYS 130, or PHYS 146.

Prerequisites: Minimum grade of C- in PHYS 144.

PHYS-200**Introduction to Relativity****3 Credits**

This course explains Einstein's Special Theory of Relativity and includes brief introduction to general relativity. First, the limitations of classical physics are examined. These shortcomings are then addressed by the special theory of relativity. The student learns to use the theory to calculate time and length intervals in fast moving reference frames. The theory is further applied to describe the Doppler effect, the twin paradox and the conservation of relativistic energy and momentum. The course concludes with a brief introduction to the general theory of relativity, curved spacetime and black holes.

Prerequisites: A minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146, and in MATH 114.

PHYS-208**Quantum Aspects of Physics****3 Credits**

This course begins with the experimental evidence leading to the development of quantum mechanics, including the photoelectric effect, the Compton effect, X-ray production and electron diffraction. Further topics include a discussion of the Heisenberg uncertainty principle and the Schrödinger theory of quantum mechanics, one dimensional potential wells and barriers, tunneling, the simple harmonic oscillator, atomic physics, the hydrogen atom and the periodic table. In the laboratory component of the course, students reproduce the details of various classical experiments leading to the discovery of the quantum nature of matter and light.

Prerequisites: Minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, and in MATH 113 or MATH 114.

PHYS-212**Revolutions in Physics: The Structure of the Universe****3 Credits**

This course traces the development of our understanding of the physical universe from ancient to modern times. Students examine the nature of physics, its historical development, the development of physical theories, and the nature of scientific questions and answers. The focus of the course is epistemological aspects of physics rather than on systematic formulation and problem solving.

Prerequisites: Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146.

PHYS-224**Fluids and Heat****3 Credits**

Students learn the basic thermal properties of matter as well as properties of fluids. Topics include the static and dynamic behaviour of fluids, temperature, thermal expansion, ideal gas laws, thermal energy, specific and latent heats, calorimetry, heat transfer, thermal processes, the Carnot engines, refrigerators, and the laws of thermodynamics. Other topics include the kinetic theory of gases, mean free path, the laws of probability and statistical physics, enthalpy and entropy. In the laboratory component of the course, students investigate the physical properties of fluids and the thermal properties of matter.

Prerequisites: A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146 and in MATH 114.

PHYS-226**Optics and Sound Waves****3 Credits**

Students learn the basic principles of wave mechanics. Topics include simple harmonic motion, mechanical waves, sound waves, geometrical and physical optics. Students are introduced to applications such as microscopes, telescopes, Doppler radar, spectrometers, holograms, seismic waves and molecular vibrations. Advanced topics including matter waves and quantum properties of light is discussed. In the laboratory component of the course, students investigate the physical principles of mechanical waves, sound and light.

Prerequisites: A minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, and in MATH 114.

PHYS-244**Mechanics****3 Credits**

This course expands on first-year mechanics, examining oscillating systems, normal modes, conservative forces, and energy. Lagrangian and Hamiltonian dynamics are introduced, including variational calculus, Hamilton's Principle, generalized coordinates, constraints, Lagrange multipliers, the Hamiltonian, conservation laws, and Hamiltonian dynamics. Further topics include central forces, orbital motion, and scattering. **Note:** It is recommended that MATH 115 be taken concurrently with, or prior to taking this course.

Prerequisites: A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146, and a minimum grade of C- in MATH 114, and in MATH 120 or MATH 125.

PHYS-250**Introduction to Biophysics****3 Credits**

In this course students apply physical principles learned in first year physics to biological problems. Topics such as biomechanics with an introduction to kinesiology; and transport of energy and materials in biological systems with an introduction to diffusion and motion in dissipative media; bio-fluid with an introduction to the cardiovascular system; the elastic properties of biological material, and biopolymers like DNA; and the electric properties of biomaterial with an introduction to the nervous systems. **Note:** BIOL 107 is recommended.

Prerequisites: A minimum grade of C- in PHYS 109, PHYS 126, PHYS 146, or CHEM 102, and in MATH 114.

PHYS-252**Physics of the Earth****3 Credits**

In this course students apply basic mechanics, electricity and magnetism, waves, and thermodynamic principles to planetary processes, with a focus on the Earth, leading to an understanding of the basic physical principles guiding the studies of geophysics, geomagnetism, atmospheric physics and oceanography.

Prerequisites: A minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, and in EASC 101, and in MATH 114.

PHYS-261**Physics of Energy****3 Credits**

This course first identifies the various forms of energy consumed by modern society. The conversion of energy is traced from natural resources to usable forms considering both the fundamental laws of thermodynamics and the practical concerns of cost and environmental consequences. Next, the benefits and drawbacks of non-renewable energy sources such as fossil fuels and nuclear power are discussed and compared to renewable sources such as hydroelectric and solar power. Finally, the development of alternative energy resources is discussed.

Prerequisites: Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146

PHYS-301**Nuclear Physics****3 Credits**

This course is a study of the fundamental nuclear properties, the shell model, the collective model, stability of nuclei, isotopes, radioactive decay, nuclear reactions, kinematics, conservation laws, nuclear fission and fusion, nuclear reactors, particle accelerators, detectors, a brief introduction to particle physics and the Standard Model. The course also includes applications such as carbon dating, tracer techniques, cancer therapy and connections to astrophysics.

Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS-302**An Introduction to Particle Physics****3 Credits**

What is the Universe made of at its smallest scale? From the humble electron to the massive Higgs boson, we follow the progress of the Standard Model as it classifies the myriad subatomic particles by their interactions and symmetries. Students apply the techniques of quantum mechanics and Feynman diagrams to calculate the properties of matter.

Prerequisites: Minimum grade of C- in PHYS 200, PHYS 208 and MATH 115.

PHYS-308**An Introduction to Semiconductors and Superconductors****3 Credits**

This course builds on PHYS 208 to provide students with a detailed understanding of the behaviour of condensed matter arising from the quantum nature of many particle systems at the microscopic level. Starting with probability distribution functions for classical thermodynamic systems, the theory is extended to quantum mechanical systems leading to a description of lasers. These tools allow the construction of models that explain the features of inter-atomic bonds, molecular spectra and the emergent properties of solids such as electrical conductivity, semiconductivity and superconductivity.

Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS-320**Origin of the Elements****3 Credits**

This course studies the origin and evolution of the matter in the universe. Based on the current theories, the universe started with the Big Bang, created lighter elements such as hydrogen, helium, and lithium at early stages. The transmutation of these elements into heavier forms is then traced by examining the gravitational collapse of interstellar clouds that leads to stellar formation. The endpoint of this sequence, namely the production of new elements (nucleosynthesis) at the cores of stars and as a result of supernova events is discussed. During the course we also examine the suitable environments where the interaction of atomic material leads to the formation of complex compounds, molecules, and even the fundamental building blocks of life. **Note:** ASTR 122 is recommended.

Prerequisites: Minimum grade of C- in any one of PHYS 208, 224, 244, and in MATH 115 and CHEM 102.

PHYS-324**Origins of Planetary Systems****3 Credits**

This course focuses on how the Earth and the other planetary bodies in our solar system were formed, and makes comparisons between the planets in our solar system and those planets found around other stars in the Milky Way galaxy. During this course, two compelling questions will be addressed: "How common are Earth-like planets and are other planetary systems similar to ours and, if not, why not?"

Prerequisites: A minimum grade of C- in PHYS 224 or in PHYS 244 or a minimum grade of C- in both EASC 206 and either MATH 113 or MATH 114.

PHYS-330**Statistical Mechanics and Thermodynamics****3 Credits**

This course develops the laws of thermodynamics from a statistical perspective. Assuming a simple model for small-scale interactions between individual particles, the statistical representation of systems with a large number of such particles is constructed using simple probability theory. The rules governing how such systems evolve with time are discussed in terms of how they lead to the laws of thermodynamics. Additional applications of these tools is also discussed. **Note:** completion of PHYS 244 is recommended before taking this course.

Prerequisites: A minimum grade of C- in MATH 115, PHYS 208, and PHYS 224.

PHYS-332**Computational Physics****3 Credits**

This course introduces students to computational techniques used in physics. Topics include basic computational principles, differentiation and integration, ordinary and partial differential equations, matrix manipulation, variational techniques and stochastic methods, with application to physical systems in mechanics, heat and thermodynamics, waves, electromagnetism, quantum mechanics, condensed matter, geophysics, and biophysics.

Prerequisites: Minimum grade of C- in MATH 115, and in any two of PHYS 208, PHYS 224, PHYS 226, PHYS 244, PHYS 250 or PHYS 252.

PHYS-372**Quantum Mechanics****3 Credits**

This course begins with the wave function and its physical interpretation. The Schrödinger equation is solved for free particles and one-dimensional potentials. Once the model becomes highly developed, solutions are extended to three-dimensional systems with orbital angular momentum. Practical applications of quantum mechanics are discussed. Course changed from PHYS 472.

Prerequisites: Minimum grade of C- in PHYS 208 and PHYS 244.

PHYS-390**Advanced Physics Laboratory****3 Credits**

This laboratory course introduces students to advanced experiments and analytical methods in physics. Methods of experimental design, experimental techniques, and error analysis are discussed. Students apply these methods to experiments selected from classical and modern physics.

Prerequisites: Minimum grade of C- in PHYS 208 and in one of PHYS 200, PHYS 224, PHYS 226, PHYS 244, PHYS 250 or PHYS 252.

PHYS-495**Special Topics in Physics and Astrophysics****3 Credits**

In this course, students examine one or two topics of specialization in physics and/or astrophysics in-depth. Topics can vary with the interests of students and the instructor. Consultation with the department is required prior to registration.

Prerequisites: Consent of the department.

PHYS-498**Independent Research****3 Credits**

In this course, students will plan, execute and report the results of an independent research project in physics under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the research project. **Note:** This course is intended for students in the final year of their degree. This course can be taken twice for credit.

Prerequisites: A minimum grade of B- in any 300-level physics course relevant to the proposed research.

PNRS-152**Foundations in Nursing Practice****6 Credits**

Students develop and integrate foundational nursing knowledge and skills within classroom, laboratory, simulation, and health care settings, for basic client-centred care with an individual patient/client. Students receive an introduction to the nursing process and explore principles of teaching and learning within the context of promoting health, safety and comfort. Developmental and physiological considerations related to activities of daily living across the lifespan are discussed. Students incorporate communication skills in the development of a nurse-patient/client relationship, establishment of professional boundaries, and collaboration with other health care providers in the organization and implementation of direct care.

Prerequisites: Minimum grade of C- in HLST 154, HLST 159, NURS 150.

PNRS-155**Mental Health Nursing I****4 Credits**

Students develop the foundational knowledge, skills and attitudes required to provide client-centred, evidence-informed nursing care to clients in mental health settings. Students focus on recent trends, legislation, and selected ethical-legal and professional issues in mental health nursing; therapeutic milieu; and the application of therapeutic communication techniques across the lifespan. Students further examine nursing models and mental health theory applicable to mental health nursing. Students explore selected mental health pathologies, interventions, therapies, and basic counselling skills. Students apply communication theory and skills for the establishment of therapeutic nurse-client relationships in selected settings.

Prerequisites: Minimum grade of C- in PNRS 152.

PNRS-252**Mental Health Nursing II****4 Credits**

Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed, holistic nursing care for persons experiencing selected common chronic and acute mental health issues and disorders. Students examine the related mental health pathologies, interventions and therapies, including psychopharmacology, psychosocial and alternative therapies. Students also explore selected ethical and legal issues. Students extend knowledge of group process and crisis intervention. The focus is on care of the individual within the context of family, community, and environment, and adaptations of nursing care across the lifespan.

Prerequisites: Minimum grade of C- in PNRS 155, PSYC 104, PSYC 105. *Prerequisites or Co-requisites:* HLSC 220, HLSC 222, NURS 252.

PNRS-255**Psychiatric Nursing Practice, Adult Populations****5 Credits**

Students focus on the application of knowledge, skills, and attitudes for holistic, client-centred, evidence-informed psychiatric nursing care of adult clients experiencing a broad range of chronic and acute mental health problems and disorders, in an in-patient setting. Students establish therapeutic relationships and collaborate with clients, their families, and members of the interprofessional and intersectoral teams to promote optimal health and provide ethical, culturally sensitive, age-appropriate, client-centred psychiatric nursing care.

Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.

PNRS-259**Psychiatric Nursing Practice, Special Populations****5 Credits**

Students focus on the application of knowledge, skills, and attitudes for holistic, evidence-informed psychiatric nursing care of special populations, for clients experiencing a broad range of chronic and acute mental health problems and disorders. Students establish therapeutic relationships and collaborate with clients, their families, and interprofessional and intersectoral team members to promote optimal health and provide culturally sensitive, age-appropriate, ethical, client-centred psychiatric nursing care in a variety of settings.

Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252 and PNRS 252.

PNRS-320**Trends and Issues in Mental Health Care****3 Credits**

Learners focus on evolving trends related to the management of complex mental health care problems experienced by at risk groups across the lifespan. Consideration is given to culturally diverse individuals and groups with acute and chronic mental health issues. Emphasis is also placed on analyzing how legislative, technological, economic, and social forces impact health care planning and decision making in settings where mental health services are delivered.

Prerequisites or Co-requisites: HLST 320.

PNRS-321**Child/Adolescent Mental Health****3 Credits**

Learners focus on evidence-informed holistic care of the child/adolescent with a mental health issue or disorder within the context of family and community. Also explored are the role and responsibilities of the psychiatric/mental health nurse in promoting optimal wellness with children, adolescents, families and communities that are affected by a mental health issue. Learners examine selected trends and issues specific to child/adolescent mental health.

Prerequisites or Co-requisites: HLST 320 and HLST 321.

PNRS-352**Mental Health Nursing III****4 Credits**

Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed nursing care for clients experiencing selected complex mental health issues and disorders. Students examine the related mental health pathologies, interventions, and therapies, including psychopharmacology, psychosocial, and alternative therapies, as well as related ethical and legal issues. Focusing on care of the individual within the context of family, community, and environment, students explore adaptations to nursing care across the lifespan. Knowledge and skills in group process, counseling, and crisis intervention are further enhanced. Transition to the role of the practicing psychiatric nurse is explored.

Prerequisites: Minimum grade of C- in NURS 255, PNRS 255, and PNRS 259.

PNRS-355**Clinical Preceptorship****7 Credits**

Students focus on extension and consolidation of knowledge and skills related to the roles, functions, and competencies of the entry level psychiatric nursing graduate in a selected setting. With guidance and mentoring from a professional nurse preceptor, students gradually assume the role and responsibilities of that position while working within clinical practice guidelines for nursing students.

Prerequisites: Minimum grade of C- in PNRS 352.

PNRS-420**Community Mental Health****4 Credits**

Learners explore and apply theories and concepts related to community-based mental health nursing and examine health care initiatives applicable to community mental health. Emphasis is placed on health promotion/wellness, risk reduction, and therapeutic management across the lifespan within a framework that incorporates interprofessional and intersectoral collaboration.

Prerequisites: Minimum grade of C- in NURS 341 and HLST 320.

PNRS-421**Mental Health and the Law****3 Credits**

Learners analyze moral, ethical, legal, and regulatory issues impacting psychiatric/mental health nursing practice as it interfaces with legislative standards at the provincial and federal levels. Learners gather, research, and analyze several pieces of legislation affecting mental health clients at the macro level. They extend this knowledge to their local clinical/community level by examining operational /legal/ regulatory issues from their local nursing practice.

Prerequisites: Minimum grade of C- in HLST 321.

PNRS-422**Leadership for Psychiatric Nursing Practice****3 Credits**

Learners explore leadership models, theories and styles and examine the relationship between leadership and management. A further emphasis is placed on the development and characteristics of effective leadership within the context of psychiatric/mental health nursing practice as well as professional and societal trends that influence psychiatric/mental health nursing practice and advancement of the profession. Consideration is also given to techniques for fostering creativity, influencing health policy, engaging in the change process, nurturing relationships and creating and maintaining a healthy workplace environment.

Prerequisites: Minimum grade of C- in HLST 320.

PNRS-423**Capstone Course****4 Credits**

Learners synthesize acquired knowledge and skills and extend their depth and breadth in a selected area of psychiatric/mental health nursing. Through supervision by a faculty member and facilitation by approved community professionals, students formulate and operationalize an individual capstone project. Learners undertake a field experience that may take a variety of forms, including focused observation and data collection, role shadowing in leadership or clinical education, counselling, facilitation of groups, or clinical practice in a setting where mental health services are delivered. Learners complete a comprehensive literature review related to their selected topic and a substantive scholarly report/paper.

Prerequisites: Minimum grade of C- in NURS 341, PNRS 320, and PNRS 321. *Prerequisites or Co-requisites:* PNRS 420, PNRS 421, and PNRS 422.

POLS-101**Introduction to Politics and Government****3 Credits**

This course provides an introduction to a systematic study of the primary institutions and processes of modern government and the discipline of political science. Students explore the significant concepts, methods, approaches and issues of the discipline considered necessary for the study of politics. Topics include political power, political authority, sovereignty and the state, the nation, constitutionalism, international relations, political ideology, elections and electoral systems, democracy, and totalitarianism. **Note:** This course is the prerequisite for most second year political science courses.

POLS-110**Politics of Globalization****3 Credits**

This course addresses the basic features - new actors and rules - of today's globalizing world. It discusses the opportunities and threats of globalization in both developing and developed countries. Specific topics and issues to be discussed include the following: the politics of trade, debt, transnational corporations, North-South relations, poverty, migration, as well as the impact of globalization on democracy and political change.

POLS-200**Comparative Political Systems****3 Credits**

This course introduces the concepts, methods and substance of the field of comparative politics, covering selected developed and developing countries. Contemporary politics of the selected countries will be studied in their historical, social, and cultural contexts. Political and governmental institutions and public policies of the selected countries will be examined in relation to their responses to changing domestic and global environments. This is a core course in the field of comparative politics and a prerequisite for most 300- and 400-level courses in the field.

Prerequisites: Minimum grade of C- in POLS 101.

POLS-214**History of Political Thought I****3 Credits**

This course introduces students to classical and medieval political thought through the careful reading of primary texts. Authors studied may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Names typically examined include Homer, Aristophanes, Plato, Aristotle, Cicero, St. Augustine, and Thomas Aquinas. **Note:** This is a core course in the field of political philosophy.

Prerequisites: Minimum grade of C- in POLS 101.

POLS-215**History of Political Thought II****3 Credits**

Building upon the skills and knowledge acquired in POLS 214, this course introduces students to modern political thought through the careful reading of primary texts. Authors typically include some of the following: Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, and Nietzsche. Authors may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. **Note:** This is a core course in the field of political philosophy.

Prerequisites: Minimum grade of C- in POLS 214.

POLS-221**Canadian Political Realities****3 Credits**

This course is an introductory course in Canadian politics designed for students who do not intend to take more senior courses in the field of Canadian politics. The course involves study of the politics of institutions and the processes of the government of Canada. Students demonstrate understanding of the major challenges facing Canada in its political development. **Note:** This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-224**Canadian National Government I****3 Credits**

This course introduces students to the institutions, processes, concepts and compelling issues of Canadian politics. Topics to be covered include the constitution and federalism, region and province, French Canada and Quebec, Aboriginal Peoples, gender, class, and Canada's role in the world.

Prerequisites: Minimum grade of C- in POLS 101.

POLS-225**Canadian National Government II****3 Credits**

This course introduces students to the institutions, processes, concepts and compelling issues of Canadian Politics. Topics to be covered include political process, political parties, elections and representation, Parliament, the executive, bureaucracy, the judiciary, and fiscal, economic and other policy issues in Canada.

Prerequisites: Minimum grade of C- in POLS 224.

POLS-261**Asia Pacific Political Systems****3 Credits**

The purpose of this survey course is to introduce students to the political systems of ten Asia-Pacific countries: China, including Hong Kong and Taiwan, Brunei; Indonesia; Singapore; Malaysia; The Philippines; Japan; South Korea; Thailand; and Vietnam. This dynamic region of the world exhibits a range of political systems, from constitutional monarchies to one-party dominant states. This course emphasizes the linkages between the economic and political development and the cultural catalysts and obstacles to both processes. The processes of regional and global economic integration of the countries in the region are discussed.

The course explores other topics such as the following: constitutional development, legislature, political executive, judiciary, political culture and socialization, political parties and pressure groups, public opinion and the mass media, public enterprises and bureaucracy; and foreign policy. **Note:** This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-263**Issues in Global Politics****3 Credits**

The course focuses on the changes of global politics since the end of the Cold War including globalization, the environment, the role of the United Nations and other international organizations such as the World Bank, and North-South relations. **Note:** This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-264**International Relations I****3 Credits**

This course introduces students to the study of international relations. Topics include the theories of international relations, the dynamics of interaction among states and non-state actors, the nature of power, balance of power, globalization, foreign policy, war and war-avoidance strategies, nuclear weapons and military strategy, arms control and disarmament, and diplomacy.

Prerequisites: Minimum grade of C- in POLS 101.

POLS-265**International Relations II****3 Credits**

This course examines major issues in the global political economy and global governance. Topics include the theoretical approaches to international political economy, international trade, global finance, multinational corporations, international development assistance, North-South relations, migration, the UN and global governance, international law, regional integration, the environment, international terrorism, and human rights.

Prerequisites: Minimum grade of C- in POLS 264.

POLS-307**Continental Political Thought****3 Credits**

This course carefully examines the major themes that develop within the tradition of 19th and 20th century Continental Political Thought beginning with German Idealism and ending with Existentialism. Authors to be studied may include Immanuel Kant, G.W.F. Hegel, Friedrich Nietzsche, and Martin Heidegger.

Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-308**Political Thought of the Enlightenment****3 Credits**

This course introduces students to the central works in political philosophy of the Enlightenment. In studying classic texts from the French, British, and American Enlightenments, the course further aims to discern, within these texts, the intellectual sources of liberal modernity. Students study the work of some of the following: Thomas Hobbes, John Locke, Adam Smith, Jean-Jacques Rousseau, Montesquieu, Benjamin Constant, The Federalist, Thomas Jefferson and Alexis de Tocqueville.

Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-309**Topics in Ancient Political Philosophy****3 Credits**

This course carefully examines one or more of the classic texts of ancient political philosophy. The course is organized around a major concern of ancient political philosophy. Potential topics include: the nature of political community, sources of civic virtue, rhetoric, classic natural right and the relationship of philosophy to politics. Addressing these topics entails the careful study of major texts by some of the following: Plato, Xenophon, Aristotle, Cicero, Lucretius and St. Augustine.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-310**Comparative Political Thought****3 Credits**

This course examines political thought outside the traditional boundaries of the Western practice of political philosophy and political theory. The course further examines the central and in some instances foundational texts from these non-Western political traditions. The texts are read with an eye to the continuing role they play within their respective political traditions and special attention to the enduring insights they possess for political life per se. Finally these texts are read in light of the fruitful dialogue and creative tension that has arisen through their contact, both historically and in the present, with Western political thought and practice.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-312**Political Philosophy and Political Theology****3 Credits**

This course examines the dialogue between reason and revelation, faith and philosophy in the three Abrahamic traditions. The course considers this essential tension in Western thought through careful study of classic treatments in the Jewish, Christian and Islamic traditions. To this end, students critically consider some of the following texts: Genesis, City of God (Augustine), Summa Theologica (Aquinas), the Guide for the Perplexed (Maimonides), the Decisive Treatise (Ibn Rushd), The Attainment of Happiness (Al-Farabi).
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-315**Contemporary Liberal Thought****3 Credits**

This course is devoted to the exploration of contemporary liberal political thought. It covers selected readings from recent liberal philosophers and their critics, as well as considering debates about the values of liberalism in their application to public issues such as distributive justice, multiculturalism, and religion in society.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-324**Topics in Canadian Politics****3 Credits**

This course provides discussions and analyses of selected topics in Canadian Politics. The topics include: multiculturalism, immigration & immigrants, national unity and regionalism, parliamentary reforms, the Charter of Rights and Freedoms and any judicial review, public policy, role of the public sector, powers of the local government, women in government, and politics environmental protection. The current state of each of the topics is examined with reference to its historical evolution. Different theoretical perspectives on each of the topics are outlined and evaluated. Relevant government policies and policy alternatives proposed by political parties and interested groups are examined, analyzed and critically assessed.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-325**Canadian Political Economy****3 Credits**

This course provides a study of the Canadian political economy. The scope of the topic is mapped out with a conceptual discussion and a review of the historical evolution of key issues, institutions and policies. Various theoretical perspectives on the topic are discussed and evaluated. Current policy issues and institutional stakeholders are identified, and relevant government policies and policy alternatives on the issues are examined and analyzed. Students apply theoretical perspectives to explain and assess the policies and policy alternatives.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-326**The Canadian Constitution****3 Credits**

This course is devoted to the exploration of Canada's legal and constitutional system and the role and import of Canada's constitution in our politics and culture.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-327**Politics of Identity in Canada****3 Credits**

This course is devoted to the exploration of the role of identities in Canadian politics and political culture. Among the core areas of interest in this area are questions about the relationship of indigenous peoples to the state, the role and cultural influence of the country's earliest settlement groups, regional and provincial sources of identity, ethnicity, immigration and multiculturalism, gender, socio-economic class and emergent forms of politically salient identity, and Canadian national identity.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS-329**Canadian Federalism****3 Credits**

This course is devoted to the systematic study of the evolution, institutions, challenges, and theoretical underpinnings of the Canadian Federal system.

Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS-345**Issues in Globalization and Governance****3 Credits**

This course offers a comprehensive study of some of the major issues in the areas of Globalization and Global Governance.

Topics include: Global Governance theory, the Global Political Economy, Global Security Challenges, the Global Financial System, the Global Civic Ethic, Poverty and Globalization, UN Reform, and the Global Environmental Challenge.

Prerequisites: Minimum grade of C- in POLS 260 or POLS 200 or POLS 264 and POLS 265.

POLS-349**Topics in International Politics****3 Credits**

The course is geared to current controversial issues in international relations. Selected topics will come from international political economy, the international strategic system, global challenges, and international relations theory.

Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

POLS-357**The Third World in Global Politics****3 Credits**

This course discusses the challenges facing the Third World in the global economy. Students focus on the specific constraints faced by the developing countries in the era of globalization, while assessing opportunities and options for overcoming the structural constraints. The institutional underpinnings of the Third World Movement - the Non-aligned Movement and the Group of 77 - as well as the specific regional and inter-regional responses to globalization are addressed.

Prerequisites: Minimum grade of C- in POLS 200.

POLS-361**Causes of Conflicts and Civil Wars****3 Credits**

Large-scale violence associated with interstate and intrastate conflict and war continues to have undeniable relevance for all of humanity. Given the rise of ethnic conflicts in the world and proliferation of advanced weapons technology worldwide, providing answers to pressing questions about the onset and escalation of war is imperative in the aftermath of the Cold War. This course will examine theoretical and empirical knowledge on the causes of interstate wars and civil wars.

Prerequisites: Minimum grade of C- in POLS 264 and POLS 265.

POLS-362**Pursuit of Peace in World Politics****3 Credits**

A dominant feature of the post-World War II international system is the willingness of states and international organizations to intervene, often forcefully, to manage conflicts. This course will examine the theoretical and empirical foundations of the study of conflict management since the end of the Second World War.

Prerequisites: Minimum grade of C- in POLS 264 and POLS 265.

POLS-364**International Political Economy****3 Credits**

This is a critical examination of the conjunction of a series of market and political issues in international affairs, including the major facets of globalization. The course uses major theoretical perspectives to explain the intersection of states and markets in the global economy. Topics examined include the following: the global trading system, foreign direct investment, foreign portfolio investment, international debt problems, the impact of the international financial institutions, North-South relations, and balancing development with environmental protection.

Prerequisites: Minimum grade of C- in POLS 260 or POLS 200; or POLS 264 and POLS 265.

POLS-365**Canadian Foreign Policy****3 Credits**

This is an overview of the significant post-Second World War developments in Canadian foreign policy. This course assesses Canada's foreign policy priorities, orientations and sources. Topics addressed include the following: Canadian security, development assistance, role in international organizations, Canada and the global economy, the human security agenda, and the role of non-governmental organizations in shaping Canadian foreign policy.

Prerequisites: Minimum grade of C- in POLS 220 or POLS 260; or POLS 224 and POLS 225; or POLS 264 and POLS 265.

POLS-371**Politics in China****3 Credits**

This course examines Chinese politics in its historical, cultural, social, and global settings. The focus of this course is on the responses of China's political system to its domestic and international challenges in the modern time.

Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS-373**Politics in India****3 Credits**

This course examines the Indian political system in its historical, cultural, social, and global settings. The responses of the modern political system to India's domestic and international challenges are studied in combination with the impact of the colonial experience on the politics of India.

Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS-375**Politics of East Asia****3 Credits**

This course provides comparative studies and analyses of politics of East Asia. Focused topics include politics of China, Hong Kong, Taiwan, Japan, and Korea. Comparisons and analyses cover a variety of subjects such as political institutions and processes, ideologies, and public policies.
Prerequisites: Minimum grade of C- in POLS 200 or consent of the department.

POLS-376**Issues in Development Studies****3 Credits**

This course provides an understanding of the core theoretical and practical development-related issues confronting countries in Africa, Asia, and Latin America. It presents the contending development theories, while focusing on the significant development challenges facing the developing countries - both domestic and global.

Prerequisites: Minimum grade of C- in POLS 200 or POLS 260; or POLS 264 and POLS 265.

POLS-399**Empirical Research Methods in Political Science****3 Credits**

This course is a general introduction to empirical research methods in Political Science. Students learn the logic and working assumptions behind empirical research in Political Science, and gain practice with those methods to ask and answer specific research questions in Political Science using a statistical software.

Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS courses.

POLS-410**Topics in Political Philosophy****3 Credits**

This is a seminar course for students interested in advanced study of specialized areas of political philosophy. This course is devoted to the detailed study of a single topic. Examples of topics include the following: virtue and politics, theories of the State, the limits of reason, and problems of political community.

Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-414**Theory and Method in Political Science and Political Philosophy****3 Credits**

Beginning with Aristotle's Politics, students trace the development of the distinctive mode of enquiry that is political science. While considering the question "What is political science?" students examine the work of significant philosophers who have attempted an answer to that same question. The contributions by a selection of the following historical and contemporary political philosophers will be included: Aristotle, Cicero, St. Thomas Aquinas, Niccolo Machiavelli, Giambattista Vico, G.G. Hegel, Friedrich Nietzsche, Eric Voegelin, Michael Oakeshott, Michel Foucault & Leo Strauss.

Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-424**Advanced Topics in Canadian Politics****3 Credits**

This is a seminar course for students interested in advanced study of specialized areas of Canadian politics. This course is devoted to the detailed study of a single topic area. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, political cleavages in Canada, the politics of environmentalism, and the media and politics in Canada.

Prerequisites: Minimum grade of C- in POLS 225.

POLS-426**Canadian Law and Politics****3 Credits**

This course is devoted to the systematic study of the issues, history, and scholarly commentary associated with law, politics, and the judicial process in Canada. The course will include consideration of topics such as legal theory, judicial politics and issues of judicial selection and appointment, the implications of rights review for democracy, and core cases in constitutional litigation. The course concludes with student participation in a simulated legal case on a constitutional issue.

Prerequisites: Minimum grade of C- in POLS 326 or POLS 329 or consent of the department.

POLS-429**Executive Federalism****3 Credits**

This course is devoted to the systematic study of the issues, history, and scholarly commentary on executive federalism in the Canadian context. This study of federal interactions between high level officials such as the Prime Minister and the provincial premiers includes consideration of issues such as province-building, inter-governmental diplomacy, and the contextual role of political leaders in policy outcomes. The course concludes with student participation in a model First Ministers' Conference.

Prerequisites: Minimum grade of C- in POLS 326 or POLS 329.

POLS-431**Globalization and the Canadian Political Economy****3 Credits**

This course provides a study of the interaction between the globalization process and the Canadian political economy. Canadian contributions to the evolution of the international policy framework on global issues such as trade and investment, Third World development, and environment are examined and evaluated. The roles of key Canadian government institutions and interest groups in the globalization process are outlined and analyzed. The domestic debates on selected current policy issues are discussed to demonstrate the impacts of globalization on Canadian politics and the variety of Canadian institutional responses to such impacts.

Prerequisites: Minimum grade of C- in POLS 220 or POLS 260; or POLS 224 and POLS 225; or POLS 264 and POLS 265.

POLS-461**Selected Topics in International Politics****3 Credits**

This course focuses on selected contemporary topics in the sub-fields of international relations. Students undertake a detailed analysis of a specific topic. The topic studied is determined by faculty expertise and changes from year to year.

Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

POLS-468**International Organization****3 Credits**

This is a comprehensive examination of the evolution, functions and relevance of international organizations. The course includes an active learning component, using simulation of the United Nations or the Organization of American States. It also deals with global governance as well as specific issue-areas such as human rights, peace, disarmament, development, and the environment.

Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

POLS-470**Selected Topics in Comparative Politics****3 Credits**

In this seminar, students analyse issues and theories of comparative politics in the context of a selected geographical region, and they discuss options and models for the political development of countries in the specific region.

Prerequisites: Minimum grade of C- in POLS 200.

POLS-471**Comparative Development****3 Credits**

This seminar compares politics of two developing countries: China and India. The course addresses the distinctive developmental issues and common political challenges facing both countries and distinctive developmental issues in each of these countries. Theoretical perspectives on political development are examined.

Prerequisites: Minimum grade of C- in any of POLS 371, 373, 375 and 376.

POLS-490**Honours Thesis****3 Credits**

Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis with oral defense. This course is restricted to students in the Honours Political Science Program and may only be taken in their final year of the program.

Prerequisites: Consent of the department.

POLS-498**Individual Study****3 Credits**

The individual study course provides senior students with an opportunity to explore a research topic in greater detail than is otherwise possible at the undergraduate level. The student works in consultation with and under the supervision of a member of the department with the requisite expertise. An individual study course includes directed reading and library research, and/or field research followed by a public presentation of that research. Students may opt to execute research proposed through a prior independent study course and prepare a research paper to publication standards.

Prerequisite: Consent of the department.

POLS-499**Advanced Study in Political Science****3 Credits**

This course focuses on the analysis of selected issues in the fields of Canadian, Comparative Politics, International Relations or Political Philosophy. It includes a detailed research component. This is a required course in the Political Science major.

Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215; and POLS 220 or POLS 224 and POLS 225; and POLS 260 or POLS 264 and POLS 265.

PREL-205**Intro to Public Relations****1 Credit**

Introduction to Public Relations provides an overview to the public relations profession - what it is, where it fits in the business model, and how it contributes to business success. Both strategy and tactics are presented. Students are introduced to issues and trends in public relations with an emphasis on ethics and professionalism in the practice.

PREL-230**Public Relations Fundamentals and Practice****3 Credits**

Public Relations Fundamentals and Practice is an overview of the public relations profession: what it is, how it is practiced and the role of a public relations practitioner. Students learn that public relations is a profession with its own distinct body of theory and knowledge. Students examine the history, role and purpose of public relations in society and examine the fundamental concepts of strategic communication. As well, students are introduced to the ethics and professionalism inherent in the practice and process of public relations.

PREL-233**Media Relations and Mass Media****3 Credits**

Students explore current theories and practices on how the media functions in society today and learn practical approaches to media relations for the public relations profession. Students apply strategies and techniques for providing media relations expertise in a variety of professional settings.

PREL-238**Public Relations and Digital Media****3 Credits**

Students gain a working knowledge of new digital media such as blogs, social networking sites and internet forums. Instruction is provided on the ongoing history of new media and the impact they are having on society and the public relations profession. Students learn how organizations use these media to communicate with their key publics and how to analyze and interpret new media content. Students are introduced to the composition basics of a variety of new media vehicles. **Note:** it is recommended that PREL 230 - Public Relations Fundamentals and Practice be completed before or taken concurrently with this course.

PREL-240**Integrated Marketing Communications****3 Credits**

Unprecedented message clutter and a more selective consumer spell new challenges for organizations of all types. Students examine how the disciplines of public relations and marketing and communications are closely linked through the concepts of Integrated Marketing Communications (IMC). Students learn how IMC incorporates activities designed to build relationships with consumers, and can employ a wide range of communication tools, both traditional and non-traditional. Students learn the principles of advertising and promotions and how the industry operates today. Participants develop an integrated marketing plan that incorporates both strategic and tactical thinking.

PREL-241**Writing for PR****3 Credits**

Students apply the skills in writing style and structure acquired in PROW 211. Students develop a working understanding of the various forms of public relations writing, including when and how to apply them. Students learn to write creatively and persuasively, edit their work and the work of others, and to work under tight deadlines. Emphasis is placed on writing in the Canadian Press style.

Prerequisites: PROW 211.

PREL-242**Internal Communications and Organizational Dynamics****3 Credits**

Students learn theories and concepts of organizational dynamics and structures and how they impact internal communication. Students apply internal communication theory and concepts to various tools and techniques including intranet and email. Students also learn presentation techniques and professional ethics, values and practices.

Prerequisites: PREL 230.

PREL-245**Communications Research and Planning****3 Credits**

Students learn the role of formal and informal research in the public relations process and how to apply it in a communications context. Students experience the research process through the development of a strong research question, applying appropriate methodology and data collection methods, and collecting and analyzing data. This information is used to create and present a communications plan, giving students a well-rounded experience in essential analysis and problem solving.

PREL-246**Issues and Reputation Management****3 Credits**

Organizations and governments face intense public scrutiny in an increasingly competitive environment. Students examine how issues originate and the impact of issues on the reputation of the organization. Students learn the communication strategies, tools and techniques applied by an organization to communicate its image to key publics and to manage reputational damage.

PREL-250**Professional Practicum****5 Credits**

Students gain first-hand experience in the public relations profession. Students are supervised in a public relations setting over an eight-week period where they apply the skills and abilities learned in the classroom setting. All program courses and requirements must be successfully completed before students embark on their practicum component. *Prerequisites:* All courses in the PR diploma program must be successfully completed before the practicum can be taken.

PROW-210**Advanced Business Writing****3 Credits**

In this course, students examine the consequences of their language choices within a business context. They are encouraged to examine and analyze the social, political and legal ramifications of their language use in a variety of business documents. They use dictionaries and style guides, sentence structures, mechanics and stylistics as tools to facilitate communications outcomes for an organization. Ultimately, business students leave the course with increased explanatory power and advanced written communication skills. **Note:** Credit can only be obtained in one of PROW 210 Advanced Business Writing or PROW 100 Foundations of Composition.

Prerequisites: BUSN 200 or BUSN 201.

PROW-211**Writing Fundamentals****3 Credits**

Writing and editing skills are primary tools for the public relations practitioner. This course explores the essence of language; grammar, phrasing and style. Students learn to organize their writing effectively and to use persuasive language to achieve the purpose for their written works in a public relations setting.

Prerequisites: Admission to the Public Relations diploma program.

PSSC-102**Criminal Investigation****3 Credits**

This course focuses on the processes used when conducting criminal investigations. The methods of obtaining and assessing information through interviewing, investigative photography, note taking and report writing, incident scene drawing, and crime scene search techniques are studied and applied.

PSSC-112**Policing in Canada****3 Credits**

Students learn the origins and philosophical development of policing in Canada and assesses current policing practices. The course focuses on the role of police, the structure of Canadian police organizations, police accountability, historical policing models, and the strategies associated with current policing models.

PSSC-121**Law and the Administration of Justice****3 Credits**

Students learn the principles, practice and philosophy of the Canadian judicial system with emphasis on the criminal trial process. A review of the structure of the Canadian court system, statute law, case law, and the civil court trial process are included.

PSSC-122**Criminal Law****3 Credits**

Students learn the Criminal Code and selected Alberta provincial statutes. The emphasis is on an in-depth analysis of selected criminal offences. The elements of a crime, pre-trial criminal procedures, and the nature and significance of the Canadian Charter of Rights are also discussed. **Note:** It is recommended that PSSC 121 be taken concurrent with or prior to this course.

PSSC-123**Legal Evidence in Criminal Investigations****3 Credits**

Students learn the laws of evidence as they relate to criminal procedures and trials. Students briefly review the laws of evidence that relate to civil proceedings. Drawing upon the Canada Evidence Act and selected statutes, students explore legal defences and the powers of search and seizure. Students also analyze the rules that relate to obtaining statements, admissions, confessions and presenting evidence in court.

Prerequisites: PSSC 121.

PSSC-132**Investigative Law****3 Credits**

Students learn the Criminal Code, selected Alberta provincial statutes and examine statutes and procedures applicable to civil and administrative tribunals. The elements of a crime, pre-trial criminal procedures and the nature and significance of the Canadian Charter of Rights are also discussed. **Note:** It is recommended that PSSC 121 be taken concurrently with or prior to this course.

Prerequisites: PSSC 121.

PSSC-133**Legal Evidence in Investigations****3 Credits**

In this course, students examine the laws of evidence related to both criminal and civil trials and to administrative proceedings. Drawing upon the Canada Evidence Act and other selected statutes, students explore the ways in which these acts and statutes influence civil, criminal and administrative procedures. Students compare the discovery process in civil proceedings with criminal matters and review the powers of search and seizure, the rules related to statements, admissions and confessions, and the laws that govern the presentation of evidence in court.

Prerequisites: PSSC 121.

PSSC-141**Interpersonal Skills****3 Credits**

Students increase their understanding and awareness of the impact of their behaviour on others. Students examine personality types, leadership styles, gender and cultural issues, and the influence these factors have on the development of effective human relations.

PSSC-151**Security Programs and Risk Management****3 Credits**

Students learn about the security profession in Canada and examine current security practices. Students learn the components of a comprehensive security program and focus on the operational activities involved in risk management. Emphasis is placed on risk identification, quantification, prioritization, and the risk transfer process.

PSSC-152**Loss Prevention Program Management****3 Credits**

Students learn the elements of the loss prevention component of a comprehensive security management program. The course focuses on the operational activities involved in the development, implementation, and maintenance of a loss prevention program. Consideration is given to policy and procedure development, training program development, and program evaluation.

COURSE DESCRIPTIONS

PSSC-203

Forensic Science

3 Credits

This course provides an in-depth study of the methods of recognizing, collecting, preserving, examining, and presenting physical evidence found at a crime scene. The operations and functions of the forensic crime lab are also studied.

PSSC-204

Forensic Investigation

3 Credits

Students analyze the processes involved in the recognition, development, and identification of fingerprints and other forensic evidence. Students also examine specific techniques to investigate criminal cases.

Prerequisites: PSSC 102 and PSSC 203.

PSSC-212

Abnormal Behaviour and Crime

3 Credits

Students learn the major mental disorders and their relationship to criminal behaviour. The focus is on recognizing, understanding and effectively responding to situations involving individuals displaying abnormal behaviour.

Prerequisites: PSYC 104 or PSYC 100.

PSSC-242

Leadership Skills

3 Credits

Students learn the communication skills needed to be effective as leaders in business and professional organizations. The focus is on the theory and skills required to be an effective communicator in a variety of contexts involving individuals, groups and teams.

PSSC-252

Investigations I

3 Credits

This course examines the fundamental investigative techniques used in security investigations. The course gives an overview of the investigative planning process, the nature and types of forensic evidence, and the techniques involved in the collection, identification, and assessment of evidence.

PSSC-253

Investigations II

3 Credits

In this course, students examine and apply evidence search and collection techniques, incident scene drawing, and criminal court presentation procedures. Students also select and evaluate specific techniques to investigate criminal cases.

Prerequisites: PSSC 252.

PSSC-262

Integration Seminar

1 Credit

Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.

Co-requisites: PSSC 272.

PSSC-263

Integration Seminar

1 Credit

Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.

Co-requisites: PSSC 273.

PSSC-272

Field Placement

4 Credits

This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.

Co-requisites: PSSC 262.

PSSC-273

Field Placement

4 Credits

This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.

Co-requisites: PSSC 263.

PSSC-283

Emergency Planning and Response

3 Credits

Students learn the stages involved in the planning, implementation and management of an organization's response to emergencies, disasters, and crisis situations. The emphasis is on the emergency response and disaster recovery phases.

PSSC-293

Emergency Management

3 Credits

Students learn the planning and implementation processes involved in the management of emergencies, disasters, and crisis situations. Key components are risk management, emergency response, crisis management, and disaster recovery.

PSYC-100

Applied Introductory Psychology

3 Credits

This course provides an introduction to the field of psychology and to the application of psychological concepts and methods. Specific topics include an overview of modern day psychology and its history, the application of psychological research methods to test the validity of conclusions, the biological bases of behaviour, learning through conditioning, memory, motivation and emotion, human development across the lifespan and personality theory, research and assessment.

PSYC-104**Introductory Psychology I****3 Credits**

A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

PSYC-105**Introductory Psychology II****3 Credits**

A survey of social science topics in Psychology. This course is an introduction to the study of individual and social behavior including individual differences in behaviour, thought, intelligence, human development, personality, social behaviour, stress responses, as well as psychological disorders and their treatment. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

PSYC-120**Cognition and Self-Regulation****3 Credits**

This course is intended to provide students with cognitive and self-regulation strategies (e.g., motivation, self-efficacy, goal setting) that are critical skills for application within academic contexts. These strategies are based on principles in psychology and education, and are used to build a foundation of skills to enhance learning. Assignments and class exercises emphasize the student's application of cognitive strategies and self-regulation in order to meet course goals.

Prerequisites: Recommendation of the department and consent of program. *Co-requisite:* Concurrent registration in a minimum of one 3 credit program course.

PSYC-212**Introduction to Research Methods in Psychology****3 Credits**

This course provides an introduction to experimental and non experimental methods in psychology. Topics covered include philosophy of science; measurement; reliability and validity of methods, measures, and effects; survey design; correlational, experimental, quasi-experimental, longitudinal and single-subject designs; biases in experimentation; and research ethics.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105 and STAT 151 or STAT 161 or equivalent.

PSYC-223**Developmental Psychology****3 Credits**

Many aspects of human nature and behaviour change during the process of human development. This course reviews the physical, sensory, motor and cognitive changes during various developmental stages. Development in infancy, childhood and adolescence is emphasized.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105.

PSYC-233**Personality****3 Credits**

In this survey of Personality Psychology, the student is introduced to a number of theoretical perspectives and methodological approaches to the study of Personality. Additionally, assessment methods and research relevant to the study of personality are reviewed.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105.

PSYC-241**Social Psychology****3 Credits**

This course is a survey of theories and research on topics such as attitudes and attitude change, person perception, attraction, pro-social behaviour, aggression and applied social psychology. **Note:** PSYC 241 and SOCI 241 may not both be taken for credit.

Prerequisites: Minimum grade of C- in PSYC 105 or in SOCI 100.

PSYC-258**Cognitive Psychology****3 Credits**

This course surveys a number of topics in cognitive psychology including perception, attention, knowledge representation, memory, learning, language, reasoning, and problem solving.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105.

PSYC-267**Perception****3 Credits**

This course is an introduction to the theoretical and experimental issues associated with the sensory and perceptual experience of the world. The main emphasis is on understanding basic perceptual phenomena, such as the relation between physical stimuli and experience. To this end, we must consider: The nature of the physical stimuli; the anatomy and physiology of the sense organs and receptors; the anatomy and physiology of the neural paths from receptors to the brain; how the brain processes sensory information; and the procedures used by researchers to obtain information about these systems.

Prerequisites: Minimum grade of C- in PSYC 104.

PSYC-275**Brain and Behaviour****3 Credits**

This course is an introduction to physiological psychology. Topics include sensation, perception, movement, motivation, memory, cognition, learning, and emotion from a biological point of view.

Prerequisites: Minimum grade of C- in PSYC 104. (Biology 30 or equivalent is strongly recommended.)

PSYC-281**Principles of Behaviour****3 Credits**

This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the potential application of those findings to important aspects of human behaviour.

Prerequisites: Minimum grade of C- in PSYC 104.

PSYC-301**History of Psychology****3 Credits**

Psychology is a relatively young science, but its history is varied, intriguing and extends well beyond the first psychologists. From early philosophy, physiology and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives and socio-political influences on the discipline in Western society.

Prerequisites: Minimum grade of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC-306**Sports Psychology****3 Credits**

This course is a study of the psychological factors that influence and are influenced by participation and performance in sport, exercise, and physical activity, and the application of the knowledge gained through this study to everyday settings.

Prerequisites: Minimum grade of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC-307**Health Psychology****3 Credits**

This course examines how biological, psychological, and social factors affect the efforts people make in maintaining health and addressing illness, the effectiveness with which they cope with and reduce stress and pain, and the recovery, rehabilitation and psychosocial adjustment of patients with serious health problems.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105 plus at least two 200-level psychology courses.

PSYC-312**Advanced Research Methods****3 Credits**

This course emphasizes the following aspects of research methodology: design, analysis, ethics, reporting of results, and issues relevant to various areas of specialization in psychology. The advantages and limitations of particular research designs and the selection of appropriate statistical analysis techniques are explored. Students have the opportunity to gain first-hand experience with different research methodologies along with data collection. Toward the end of the course, students have the opportunity to present the results of original data in both an oral presentation and through a poster presentation. Notes: This is a required course for students registered in the honours program. Students may not receive credit for both PSYC 312 and SCIE 201.

Prerequisites: Minimum grade of C- in PSYC 212 and STAT 252, plus consent of department. STAT 252 may be taken as a co-requisite.

PSYC-324**Infant Development****3 Credits**

This course reviews the biological and sociocultural influences on the development of human infants from conception up to the age of three. Research is discussed that has revealed the physical, cognitive, and psychosocial factors that serve to distinguish normal from abnormal developments. In addition, issues of concern to caregivers/parents are explored.

Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-326**Atypical Development****3 Credits**

This course provides a theoretical and practical framework for conceptualizing atypical development and psychological disorders of children and adolescents. Prevalent clinical phenomena, treatment methods, approaches to preventing psychological disorders, and promoting optimal development are presented. Developmental, individual, familial, and social factors associated with disruptions in normative psychosocial growth are examined.

Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-328**Adult Development and Aging****3 Credits**

This course describes and discusses development from early adulthood through the final stages of life. Topics include lifespan development theories and research methods, age changes in cognitive processes, intellectual functioning and personality, changes in relationships and work, physiological changes, psychopathology associated with aging, death and dying, and psychological services for the adult and the aged.

Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-333**Advanced Personality****3 Credits**

This course is intended to advance students' understanding of personality theory and research. It provides an in-depth analysis of relevant personality theories, and discusses challenges and controversies in the areas of personality structure and processes.

Prerequisites: Minimum grade of C- in PSYC 233.

PSYC-337**Forensic Psychology****3 Credits**

This course surveys the topic areas addressed by researchers interested in the interface between psychology and the law. The course examines the participation of psychologists and the application of psychological science within the criminal justice system. Topics may include: psychological factors associated with eyewitness and jury experiences, risk assessment, criminal profiling and police investigations, mental disability and law, and the influence of psychology in the legal system.

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, and in at least two 200-level courses in psychology.

PSYC-339**Abnormal Psychology****3 Credits**

This course offers an introduction to topics that outline the study of abnormal behaviour. Using an integrated model that encompasses biological, psychological, and sociocultural perspectives, psychological disorders are examined on a wide range of issues that include assessment, etiology, and treatment. Topics and disorders may include anxiety disorders, mood disorders, sexual and gender identity disorders, eating disorders, substance-related disorders, personality disorders, and schizophrenia

Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, plus at least one 200-level psychology course (PSYC 233 or PSYC 275 recommended).

PSYC-350**Human Memory****3 Credits**

This course reviews theoretical perspectives and empirical research methods that are related to the study of human memory. These provide the foundation for reviewing historical approaches, biological bases, multiple forms of memory (e.g., working, semantic, autobiographical), and everyday applications of memory strategies. In addition, this course also reviews the nature of forgetting, amnesia, memory disorders, as well as several applied memory issues (e.g., memory and reality, memory and the law).

Prerequisites: Minimum grade of C- in PSYC 258.

PSYC-355**Social Cognition****3 Credits**

This course focuses on how social interaction is mediated by cognitive mechanisms including perception, attention, memory, thinking, judgments, and reasoning; and it examines the cognition of people, the social situations in which they are encountered and the interpersonal behaviors that arise in those situations. This examination involves reviewing theoretical perspectives (e.g., cognitive, neuroscience, evolutionary) and empirical research on a variety of topics concerning our own and others' thoughts, attitudes, judgments and behaviours in social applications. **Note:** Both PSYC 241 and PSYC 258 are recommended as prerequisites.

Prerequisites: A minimum grade of C- in PSYC 258 or PSYC 241.

PSYC-358**Comparative Cognition****3 Credits**

Cognitive skills and processes differ across species, in ways that are functionally significant. This course explores similarities and differences in memory, decision-making, risk assessment, biological constraints on learning, and various aspects of intelligence across the animal kingdom.

Prerequisites: Minimum grade of C- in PSYC 212 and in either PSYC 281 or PSYC 373.

PSYC-367**Laboratory in Human Perception****3 Credits**

This course presents a practical introduction to techniques used to measure perceptual performance. Lectures cover advanced topics in sensation and perception with special emphasis on visual and auditory perception. Students also conduct experiments and complete laboratory assignments that introduce concepts of psychophysical research design and data analysis.

Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 267.

PSYC-370**Human Sexuality****3 Credits**

This course offers a multidisciplinary perspective of human sexuality in a diverse world. Human sexual function is explored from biological and developmental as well as psychosocial and cultural perspectives. There is also a comprehensive discussion of human reproduction and medical aspects of sexual function and dysfunction.

Prerequisites: Minimum grade of C- in at least three 300- or 400- level psychology courses.

PSYC-373**Evolution and Human Behaviour****3 Credits**

This course is an introduction to the study of human behaviour within an evolutionary context. Adaptive physiology, traits, perception, cognition and other behaviours are explored by examining theories, methods and results of research from various fields including psychology, anthropology, economics and biology.

Prerequisites: Minimum grade of C- in at least two 200-level psychology courses.

PSYC-375**Applied Neuropharmacology****3 Credits**

The course focuses on the mechanisms by which clinically active drugs exert their effects. Students gain an understanding of drug action by examining neuropharmacology at molecular and cellular levels of analysis and exploring major neurotransmitter systems in the CNS (central nervous system). The effects of psychoactive drugs on major nervous system functions such as movement, sleep, and memory are reviewed. The pathogenesis and pharmacological management of major neurological and psychiatric disorders are also discussed.

Prerequisites: Minimum grade of C- in PSYC 275.

PSYC-377**Human Neuropsychology****3 Credits**

This course is an introduction to changes in behaviour and higher mental processes which result from structural changes to the brain. Through the use of clinical examples, the student becomes familiar with the neuroanatomical correlates of normal and abnormal behaviour in humans. The processes of neuropsychological assessment and diagnosis after insults to the brain is discussed.

Prerequisites: Minimum grade of C- in PSYC 275

PSYC-385**Applications of Learning****3 Credits**

This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of behaviour modification are surveyed.

Prerequisites: Minimum grade of C- in PSYC 281.

PSYC-391**Psychology of Consciousness****3 Credits**

The course focuses on the relations between the subjective experience of consciousness and the theoretical concepts from a variety of psychological perspectives, including cognitive science, phenomenology, neuropsychology, developmental processes, evolutionary psychology, cross cultural psychology and transpersonal perspectives. Additionally, various experiences of consciousness are considered including sleep, dreams, drug effects, meditation, hypnosis, daydreaming, paranormal experiences, trance states, and near death experiences.

Prerequisites: Minimum grade of C- in PSYC 233 and at least one additional 200-level psychology course.

PSYC-398**Independent Study****3 Credits**

This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

Prerequisites: Consent of the Department.

PSYC-400**Psychology Senior Seminar****3 Credits**

As a capstone course, the Senior Seminar allows students to integrate and apply the skills and knowledge acquired throughout their earlier training. Students focus on contemporary topics and controversies, including issues relevant to both academic and professional psychologists. **Note:** This course is required for students completing the Honours program in Psychology. Other Psychology majors in the final year of the program may request permission if space is available.

Prerequisites: Consent of the department.

PSYC-405**Special Topics in Psychology****3 Credits**

This course provides an in-depth study of a psychology specialization or of a current issue in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies.

Prerequisites: Consent of the Department.

PSYC-408**Positive Psychology****3 Credits**

Positive psychology focuses on the nature, development, and impact of character strengths, thoughts, emotions, behaviours, and environments that foster well-being and a meaningful life. This course examines historical and theoretical perspectives on positive psychology, and contemporary research on such topics as well-being, mindfulness, resilience, self-regulation, and positive environments. It also examines applications of positive psychology to clinical psychology, physical health, and other domains.

Prerequisites: A minimum grade of C- in PSYC 212 and at least two 300- or 400-level courses in psychology.

PSYC-423**Topics in Development****3 Credits**

This course provides an in-depth study of a topic in developmental psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include the role of parents in development, prenatal development, infancy, adolescence, cognitive development, social development, physical development or ecological theories of development.

Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-431**Psychometrics****3 Credits**

This course provides an overview of theories, principles, and applications of psychological testing and assessment. The focus is on standardized psychological tests in the areas of intelligence, aptitude, personality, interests, and attitudes and values.

Prerequisites: Minimum grade of C- in PSYC 339 and STAT 151.

PSYC-435**Introduction to Clinical Psychology****3 Credits**

This course examines the profession of clinical psychology, including topics such as clinical assessment and diagnosis, clinical judgment and decision making, psycho-therapeutic and community interventions, and professional ethics.

Prerequisites: Minimum grade of C- in PSYC 339.

PSYC-437**Topics in Forensic Psychology****3 Credits**

In this course, students critically discuss contemporary issues in forensic psychology in a seminar-based format. Material is drawn from both historical and current primary resources, with emphasis on research literature that explores theoretical and empirical approaches to the topic area. Evaluation is largely based on class presentations, participation, and written assignments. Topics vary from year to year, and may include (but are not limited to) psychopathy, deception, eyewitness memory, risk assessment, sexual and violent offenders, mental illness and crime, malingering, and ethical and legal issues in forensic psychology.

Prerequisites: Minimum grade of C- in PSYC 337.

PSYC-438**Psychological Interviewing****3 Credits**

This course concerns the study and development of professional helping skills. Topics include the helping relationship, interviewing skills, listening skills, confrontation skills, ethical and legal decision-making, and prevention of professional burnout. Please note that a large portion of the course involves role-playing exercises and participation in these exercises counts for a significant portion of one's grade. **Note:** With consent of the department, PSYC 435 may be permitted as a co-requisite.

Prerequisites: Minimum grade of C- in PSYC 435, plus at least two of PSYC 326, PSYC 377, PSYC 385, PSYC 431, PSYC 456.

PSYC-439**Psychology Field Placement****3 Credits**

In this course, students will be assigned to a psychologist in a public, private, or non-profit program where they apply their knowledge of abnormal psychology in a supervised field placement in the community. The student is involved in a project, that significantly contributes to the organization's clinical practice (e.g., program manual, guidelines for practice) or to the organization's research endeavours (e.g., evaluation of a service within the program). **Note:** This course does not fulfill the 400-level credit requirement of the Psychology Major and Minor. The number of placements may be limited in any given term and therefore course enrolment will be contingent on the student's grade in these two courses and on the student's personal interests and skills. Certain placements may require other course prerequisites or co-requisites, depending on the nature of the field placement (e.g., PSYC 312, PSYC 431, PSYC 435, PSYC 438, or PSYC 456).

Prerequisites: Minimum grade of C- in PSYC 339 and PSYC 212, and consent of the department.

PSYC-440**Practice of Teaching in Psychology****3 Credits**

Students learn the skills and expectations associated with teaching psychology at the university level. They function as a teaching assistant and are mentored by various faculty members in the Department of Psychology. Throughout this course, they attend workshops and lectures on teaching methods, evaluation methods, detecting and deterring academic dishonesty, and ethics associated with the practice of teaching. Students are also expected to lead scheduled tutorial sessions and collaborate with a supervising instructor as well as with a TA coordinator.

Prerequisites: Department consent.

PSYC-449**Topics in Social Psychology****3 Credits**

This course offers an in-depth study of a specific topic in social psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include eyewitness testimony, prejudice and discrimination, media influences on aggression, and interpersonal attraction.

Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 241.

PSYC-456**Cognitive Assessment****3 Credits**

This course covers the fundamentals of cognitive assessment, including test administration, scoring, interpretation, and report writing. The techniques and tools for evaluating several areas of cognitive functioning including intelligence, attention, memory, language, perception, learning, and complex cognitive processes such as critical thinking, problem solving, and creativity are surveyed. The Wechsler tests (e.g., WAIS-IV, WISC-IV, WPPSI-IV, WASI) and academic achievement measures are highlighted in this course.

Prerequisites: Minimum grade of C- in PSYC 339.

PSYC-467**Special Topics in Perception****3 Credits**

In this course, students critically discuss contemporary issues in sensation and perception in a seminar-based format. Material is largely drawn from both historical and current primary resources, with an emphasis on research literature that explores links between neural mechanisms and perceptual performance. Evaluation is largely based on class participation and written assignments.

Prerequisites: Minimum grade of C- in PSYC 212 and in PSYC 267 or PSYC 275.

PSYC-473**Advanced Evolutionary Psychology****3 Credits**

Students examine theory and evidence related to evolutionary psychology as applied to humans and other animals. In addition to analysis of journal articles and other primary sources, students replicate several studies in the laboratory in order to see first-hand some typical research methods associated with the field.

Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 373.

PSYC-475**Comparative Neuroanatomy****3 Credits**

This is an advanced course in neuroanatomical circuitry, examining CNS (central nervous system) functions at molecular, cellular, and systems levels. The anatomy and functions of various tract systems and nuclei are compared across species. Fundamental concepts of nervous system organization, such as adaptation, lateral inhibition, and columnar organization of the cortex are discussed. The course features a combination of lectures and seminars based on readings of primary empirical literature. This course includes lab work in the gross CNS anatomy of a variety of species as well as microscopic examination of brain sections.

Prerequisites: Minimum grade of C- in PSYC 275 and a minimum grade of C- in at least two of PSYC 358, PSYC 367, PSYC 375, PSYC 377 or consent of the department.

PSYC-496**Individual Research****3 Credits**

In this course, students pursue a research project in depth in collaboration with a member of the department or approved professional in the community. Examples of such projects may include directed reading, library research, and/or laboratory or field experience. A formal review paper, research proposal, research report, annotated bibliography, and/or essay is required. This course is primarily intended for science students.

Prerequisites: Minimum grade of C- in at least 15 credits in psychology at the 200 level including PSYC 267 or PSYC 275, 9 credits in psychology at the 300 level, and consent of the department.

PSYC-498**Advanced Independent Study****3 Credits**

This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PSYC-499A**Honours Thesis I****3 Credits**

Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. **Note:** This course is open only to students in the Psychology honours program. Students complete both PSYC 490A and 490B in consecutive terms to attain credit in this course.

Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

PSYC-499B**Honours Thesis II****3 Credits**

Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. **Note:** This course is open only to students in the Psychology honours program. Students must complete both PSYC 490A and 490B in consecutive terms to attain credit in this course.

Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

SCIE-010**Science 10****5 Credits**

Science 10 is based upon the content of Alberta Learning's Science 10. The major topics include energy from the sun, energy and matter in living systems, energy and matter in chemical change, and change in energy.

Prerequisite: Science 9 or equivalent.

SCIE-200**Scientific Communication****3 Credits**

This course focuses on skills critical to success in science: scientific communication, information literacy, and research ethics. In the process, students develop critical thinking skills; develop an understanding of the scientific inquiry process; work with information technology; develop information retrieval, report preparation, editing, peer review, and presentation skills; and learn about current research and applications of science

Prerequisites: Minimum grade of C- in ENGL 102.

Co-requisite: At least one 200+ level laboratory science course..

SCIE-201**Scientific Process: From Research Questions to Printed Manuscript****3 Credits**

This course discusses the qualities of competent scientists, research ethics, a multidisciplinary approach to natural and quantitative social sciences, and types of scientific studies. It systematically covers the four broad phases of the scientific process, namely, the planning and preparation phase (defining the research problem, surveying the literature, formulating hypotheses, establishing the research design, and writing a proposal); the data collection phase (in particular, the common principles involved); the data analysis and interpretation phase (concepts in statistical analysis, appropriate selection of statistical analysis tools, and drawing conclusions); and the scientific writing and presentation phase (from first draft to published manuscript, types of publications/presentations). **Note:** Students cannot obtain credit in both PSYC 312 and SCIE 201.

Prerequisites: Minimum of C- in STAT 151 or STAT 161 and any 100-level science course.

SCMT-200**Introduction to Global Supply Chain Management****3 Credits**

Students learn the importance of logistics and the supply chain processes in a global context. Students investigate in detail the various components and drivers of the supply chain and their logistical requirements which are essential to the competitive success of a company. Topics include: overview of global supply chain and its participants and activities, strategic fit in the supply chain, purchasing, inventory management, warehousing, global logistics, impact of supply chain information availability, supply chain integration, and supply chain risk management. Contemporary issues and trends in international supply chain management are integrated into the above-mentioned topics.

Prerequisites: BUSN 201 or MGMT 121 or MGMT 122.

SCMT-205**Introduction to e-Business****3 Credits**

Students learn both the management and technical skills to design and implement an e-Business platform. Students focus on management issues surrounding web deployment and the fit between internet technology and corporate strategy. Topics include: hardware and software infrastructure, data storage and retrieval, design and maintenance of the corporate web, marketing, branding, revenue models and risk management. Credit can only be obtained in only one of ASCM 205 or SCMT 205.

Prerequisites: BUSN 201 and MARK 301.

SCMT-305**Transportation Management****3 Credits**

Students learn transportation modes (road, rail, water, air, pipeline and inter-modal transportation), their place in the economy, and the regulatory environment in which they operate. Students also study advanced aspects of transportation operations, from both the carrier's and the shipper's point of view. Topics include some elements of transportation economics, cost/service characteristics of the transportation modes, selection of carriers and routes, use of third party logistics (3PL), terminal services, freight consolidations, shipping schedules and information/documentation flows. The focus is on the transportation contract and carrier-shipper relationships within global as well as domestic supply chain context. Credit can be obtained in only one of ASCM 305 or SCMT 305.

Prerequisites: ECON 102.

SCMT-307**Principles of Quality Management****3 Credits**

Students develop and present the business case for implementation of a quality system. Focusing on the supply chain, students research and formulate strategies to implement and manage a quality system by integrating prerequisite theories of organizational design, teamwork, empowerment, motivation and leadership into the quality system. Topics include: approaches to quality, quality tools, cost of quality, organizational support for quality, and quality within supply chain context. Credit can be obtained in only one of ASCM 307 or SCMT 307.

Prerequisites: MARK 301, MGTS 103 and ORGA 201.

SCMT-320**Production Planning and Scheduling****3 Credits**

Students explore specific techniques for production planning and scheduling. Students evaluate production operations like make-to-stock and make-to-order environments. Students also examine various models in scheduling, planning, and distribution, while using spreadsheet applications and planning software. Credit can be obtained in only one of ASCM 302 or SCMT 320.

Prerequisites: MGTS 352 and MSYS 200.

SCMT-322**Business Logistics Management****3 Credits**

Students study logistics strategy and the analysis of logistics systems with a focus on the distribution of products from production to customers. Topics include customer service levels and order processing, distribution channel and network planning, warehousing and materials handling systems, inventory policies and systems, transportation and delivery routing and scheduling, and logistics strategies and performance measurements.

Prerequisites: MGTS 352.

SCMT-324**Purchasing and Supply Management****3 Credits**

Students build on basic business knowledge to focus on key concepts of corporate purchasing and supply management. The course begins by placing the purchasing function within the context of an organization's operations and within the operations of the supply chain and moves to the strategic view of the subject including the identification of issues in creating contractual relationships with suppliers. Credit can be obtained in only one of ASCM 203 or SCMT 324.

Prerequisites: BUSN 201.

SCMT-403**Supply Chain Planning and Coordination****3 Credits**

Students integrate the practice and theory of advanced topics in supply chain management. Students analyze comprehensive case studies and develop and communicate solutions spanning multiple disciplines including procurement, logistics, production, information systems and performance measurement. Topics include: selection of an efficient supply chain aligned to marketing strategy, logistics network planning, product availability and advanced inventory management, managing variation along the supply chain, postponement and tailored sourcing, modeling supply chain contracts, joint demand and supply management, supply chain coordination and advanced planning systems. Credit can be obtained in only one of ASCM 403 or SCMT 403.

Prerequisites: SCMT 320 and COOP 495.

SCMT-404**e-Business Execution****3 Credits**

Students study the use of technology and information in supporting supply chain relationships. Through academic research and case study analysis, students integrate current best practices with emerging technology to meet the challenge of providing the supply chain with information. A student may receive credit for only one of ASCM 404 and SCMT 404.

Prerequisites: MSYS 200 and SCMT 205.

SCMT-407**Global Sourcing and Logistics****3 Credits**

Students expand and apply their knowledge of purchasing and transportation/logistics in an international setting. The course covers strategic and operational logistics decisions around international sourcing. Topics include: planning of international sourcing; international transportation and logistics; trading terms and payment mechanisms; and tariff treatments and import documentation. Credit can be obtained in only one of ASCM 407 or SCMT 407.

Prerequisites: SCMT 324, SCMT 305.

SCMT-408**Business Negotiations and Supplier Management****3 Credits**

Students utilize their knowledge and skills in business negotiations and supplier management to plan and execute negotiations in order to facilitate the development of strategic alliances and partnerships within the supply chain. Topics include: business negotiation, strategic sourcing and alliances, process development and maintenance and competitive bidding. Credit can be obtained in only one of ASCM 408 or SCMT 408.

Prerequisites: SCMT 324, LEGL 210 and ORGA 201.

SCMT-425**Supply Chain Process Management****3 Credits**

Students develop the knowledge and tools for design, improvement and integration of business processes within an organization and between supply chain partners. Through use of a supply chain operation reference model and supply chain mapping and simulation tools, students are able to analyze and integrate collaborative supply chain processes based on best practices. Topics include: supply chain improvement projects, business process re-engineering and integration, lean operations and process flow management, six-sigma quality programs, flow variability and process capability, supply chain performance measurements, and benchmarking supply chain processes against world class companies.

Prerequisites: SCMT 320, SCMT 324, SCMT 322, SCMT 307.

SCMT-497**Special Topics in Supply Chain Management****3 Credits**

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.

Prerequisites: Minimum of C- in one 300 level SCMT course and consent of the department chair or designate.

SCMT-498**Independent Studies in Supply Chain Management****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of supply chain management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance supply chain management knowledge or practice or create meaningful results. **Note:** This course may be taken twice for credit.

Prerequisites: Consent of the course instructor and the department chair.

SOCI-100**Introductory Sociology****3 Credits**

This course consists of an analysis of the nature of society, the interrelationships of its component groups, and the processes by which society persists and changes. Society is analyzed in terms of its structure and culture, interrelationships between various institutions (e.g. family, religion, school, government) and the process whereby an individual is socialized into society.

SOCI-101**Canadian Society****3 Credits**

This course analyzes major dimensions of Canadian Society including ethnic diversity (through historical immigration), Aboriginal rights, the evolution of Quebec nationalism, the economic, political and cultural dominance of the USA, multinational/transnational corporate control, and globalization. Regional differences within the country are also discussed (e.g. state policy, uneven development, and elite control) as well as the sustainability of Canadian nationalism.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-102**Social Problems****3 Credits**

This course analyzes the factors that constitute "social problems", as well as the cultural forces that influence their development. A wide range of specific social problems are explored, and may include crime, economic deprivation, social inequality, prejudice and discrimination, human rights violations, family violence, and environmental crises.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-224**Deviance and Conformity****3 Credits**

This course is an introduction to the study of deviance, conformity, and social control. The course will explore processes and factors which influence the definition of deviance and conformity. Theory and research on a wide range of specific topics will be analyzed, and may include topics such as sexuality, addiction, religion, youth, mental disorder, and physical appearance.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-225**Criminology****3 Credits**

Criminology is the search for and explanation of general patterns or regularities characterizing the law-breaking behaviour of individuals. The course is an introduction to the sociological study of crime and a critical appraisal of theoretical explanations and methods of conducting research.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-241**Social Psychology****3 Credits**

This course provides an introduction to the study of a variety of individual and group behaviours observed in social processes. In addition to addressing the nature of social psychological research, this course covers an array of topics including social cognition, social perception and the power of social influence. Furthermore, the course explores the development and processes of self-knowledge, self-evaluation, attitude formation, deindividuation, groupthink as well as other facets of social psychology. **Note:** SOCI 241 and PSYC 241 may not both be taken for credit.

Prerequisites: Minimum grade of C- in SOCI 100 or PSYC 104 or PSYC 105.

SOCI-251**Population and Society****3 Credits**

This course examines population trends and problems in Canada and the rest of the world; social and cultural factors underlying fertility, mortality, and migration patterns, urbanization, population explosion, population theory, and policy concerns.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-269**Introductory Sociology of Globalization****3 Credits**

This course introduces students to the processes and implications of globalization within a Canadian and international context. It emphasizes the key organizations and institutions at the centre of contemporary globalization, the implications of globalization in relation to political, economic, socio-cultural, ecological and ideological relations, and the role of globalization in the opportunities and constraints felt by individuals in society.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-271**Introduction to the Family****3 Credits**

This course is a survey of sociological perspectives on, and research into families. While the emphasis is on current trends and institutional characteristics in Canada, marriage and families are examined in the context of cross-cultural and historical elements.

Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-290**Introduction to the Sociology of Health and Illness****3 Credits**

This course addresses the critical, sociological approaches to the study of health and illness, including relevant theoretical frameworks. Specifically, it details the social determinants that affect a person's ability to create and sustain healthy lifestyles, and examines the social inequalities of health, illness, and healthcare in Canada. This course highlights the organization of health care delivery, and questions who is affected, and how, by contemporary standards. Moreover, it analyzes the biomedical frameworks that underpin contemporary western notions of health and illness.

Prerequisites: Minimum grade C- in SOCI 100 or equivalent.

SOCI-301**Sociology of Gender****3 Credits**

This course analyzes some of the similarities and differences between men and women in Canadian society, with a focus on historical and cross-cultural contexts. The course examines gender in three key ways: explanations offered for the differences between men and women in society, lifelong socialization into gendered roles, and the effects that follow from that learning.

Prerequisites: Minimum grade of C- in at least one 200-level sociology course.

SOCI-303**Contemporary Issues in Criminology****3 Credits**

This course examines a substantive topic or topics of relevance to contemporary criminology. The topic for the course varies and is announced prior to registration.

Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-310**Introduction to Social Statistics****3 Credits**

This course focuses on the practical uses of statistics in analyzing the behaviour and opinions of individuals and groups, explaining the reasons for such behaviour and opinions, and gaining an understanding of the forces that influence social issues and concerns. Students learn about statistical reasoning and the main descriptive and inferential techniques used to examine sociological data. Descriptive statistics such as measures of central tendency and variability and graphic displays including frequency distributions, histograms, and bar charts as well as inferential statistics such as t-tests, f-tests, Chi-square tests, and Pearson's r are examined and their sociological relevance established. Restricted to Sociology majors or with permission of the Department of Sociology.

Prerequisites: Minimum grade of C- in any Sociology 200 level course.

SOCI-315**Social Research Methods****3 Credits**

This course examines a variety of quantitative and qualitative social research methods. Social research methods are techniques used to obtain information that answers questions about the social world. Quantitative methods include experiments, surveys, and systematic observation while qualitative methods include interviews, ethnography, and various unobtrusive measures. Students learn how to formulate research questions, collect the appropriate data, interpret research findings and write research reports. Restricted to Sociology majors or with permission of the department of sociology.

Prerequisites: Minimum grade of C- in any sociology 200-level course.

SOCI-320**White Collar/Corporate Crime Criminality****3 Credits**

This course examines current legal, policy and theoretical debates over the regulation of various aspects of criminality identified as organizational, white-collar and/or corporate crime. Different theoretical perspectives on the nature, extent and cause of corporate crime and the role of the state in regulating corporate behaviour are covered.

Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-321**Youth, Crime and Society****3 Credits**

This course is a survey of the understanding and treatment of youth in the Canadian criminal justice system. It examines the nature, extent and regulation of youth crime in Canada as well as historical and contemporary youth justice.

Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-325**Restorative Justice****3 Credits**

This course is an introduction to the practice of restorative justice. It describes the theory and history of restorative justice as well as the challenges restorative justice poses to conventional forms of justice. The course uses a sociological lens to examine both the strengths and weakness of this approach.

Prerequisites: A minimum grade of C- in SOCI 225.

SOCI-327**The Canadian Criminal Justice System****3 Credits**

This course emphasizes the three components of the criminal justice system: police, courts and corrections. Specifically, the course examines the roles and functions of the police, the evolution of law and public policy, models and templates of justice, the procedural court processes, as well as research dedicated to reforming our community and institutional based correctional system.

Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-329**Sociology of Law****3 Credits**

This course examines conceptual, practical and philosophical relationships between law and society. The key emphasis is on processes by which legal rules are created, maintained and changed, and law as an instrument of social control and change.

Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-332**Classical Sociological Theory****3 Credits**

This course focuses on an in-depth analysis of the emergence and development of classical perspectives on society and human nature. Emphasis is placed on the sociological theories of 'founding figures' such as Marx, Durkheim, and Weber, although the contributions of others may be discussed. Social theories are compared and assessed in terms of issues such as the individual versus society, idealism versus materialism, and conflict versus consensus.

Prerequisites: Minimum grade of C- in a 200-level course in sociology.

SOCI-333**Contemporary Sociological Theory****3 Credits**

This course follows the continued development of sociological theorizing since the mid-20th century. Theoretical perspectives to be analyzed may include symbolic interactionism, dramaturgy, neo-functionalism, critical theory, world systems theory, feminist theories, poststructuralist theory, postmodern theory, and more. The application of these theories to contemporary critical debates and societal issues is emphasized.

Prerequisites: Minimum grade of C- in SOCI 332.

SOCI-361**Social Inequality in Canada****3 Credits**

This course explores the structures and institutions within which Canadians reside and which determine relations of ruling and inequality. With a specific focus on power and resistance, students examine the ways in which people in particular social groups have power over those in other social groups. Issues of racism, sexism, sexuality and the economy are central in this course.

Prerequisites: A minimum grade of C- in at least one 200-level course in sociology.

SOCI-362**Organization of Work****3 Credits**

This course explores the meaning and organization of work, with a specific focus on Canada. Areas covered include properties of work organization (division of labour and specialization), technology and working knowledge, and social inequality that results from a polarized labour force.

Prerequisites: Minimum grade of C- in at least one 200-level sociology course.

SOCI-363**Mental Health and Society****3 Credits**

This course offers a sociological approach to the study of mental health and illness. Topics may include: sociological theories of mental health and illness, the organization of the Canadian mental health system, medicalization, power and the medical model, the pharmaceutical industry, and mental health social movements. Topics are examined through historical, legal and theoretical approaches and students are encouraged to work beyond the conceptualization and treatment of mental illness in the fields of psychology and psychiatry.

Prerequisites: Minimum grade of C- in any 200-level course in sociology.

SOCI-368**Race and Ethnic Relations in Canada****3 Credits**

This course consists of a sociological examination and analysis of race and ethnicity in Canada with a specific focus on themes such as racism, ethnicity, multiculturalism and identity. A central focus is placed on how issues of 'race' and the racialization of certain groups are conceptualized in political and academic discourse, and how these understandings explain and justify inequality.

Prerequisites: Minimum grade of C- in any 200-level sociology course.

SOCI-377**Youth, Culture and Identity****3 Credits**

This course focuses on the comparative analysis of youth in various types of societies, with special emphasis on Canada. Analysis includes investigation of the ways in which youth experiences and identities are embedded within a network of social structures, social interactions, and cultural characteristics.

Prerequisites: Minimum grade of C- in at least one 200-level course in sociology.

SOCI-387**Religion, Culture and Society****3 Credits**

This course examines the interconnections between religion, culture and society from a number of sociological perspectives. Students explore the way in which religion influences society and society affects religion. The course covers a variety of different topics including the following: defining religion, individual and collective meanings, charismatic leadership, alternative religions, millenarianism, religious fundamentalism and secularism.

Prerequisites: Minimum grade of C- in a 200-level course in sociology.

SOCI-393**Politics and Social Change****3 Credits**

This course explores the process of social change, focusing on how institutions shape and are shaped by collective organization in an effort to bring about social change. Social change is broadly defined to include economic, political, environmental, and technological change. Students examine a variety of groups pursuing social change and their relationship to key social institutions, such as the media and the state.

Prerequisites: Minimum grade of C- in a 200-level course in sociology.

SOCI-400**Senior Seminar****3 Credits**

A capstone course is one in which students synthesize and apply the knowledge they have acquired in theory, methodology, and substantive subject-matter, in preparation for advanced education or entry into professional careers.

In Sociology, this synthesis of knowledge reflects the "sociological imagination" (C. Wright-Mills, 1959) - the ability to recognize the interplay between individual experiences and public issues. In this course, students use their sociological imaginations in self-directed analyses of current societal issues, social problems, or controversies, building a body of diverse work that illustrates the knowledge and skills they will be carrying into their future educational, professional, and/or individual roles within a dynamic, multicultural society.

Prerequisites: Minimum grade of C- in a 300-level sociology course and consent of the department. Preference will be given to students in the sociology major and the Honours program.

SOCI-402**Special Topics in Sociology****3 Credits**

This course provides an in-depth study of a selected topic in sociology. The topic for the course varies from year to year and is announced prior to registration. Possible topics include sport and gender, sociology of aging, sociology of religion, sociology of health and illness, critical media studies, and sociology of globalization.

Prerequisites: Minimum grade of C- in any 300-level course in sociology.

SOCI-403**Special Topics in Criminology and Criminal Justice****3 Credits**

This course provides an in-depth study of a selected topic in criminology. The topic varies and is announced prior to registration. Possible topics include youth and crime, comparative criminology, substance use, issues around mental illness, and the effects of race/ethnicity within the context of the Canadian criminal justice system.

Prerequisites: Minimum grade of C- in one of SOCI 303, SOCI 320, SOCI 321, SOCI 327 or SOCI 329.

SOCI-416**Quantitative Research Methods****3 Credits**

This course examines quantitative research methods in Sociology. Topics covered include: advanced measurement and design issues, probability sampling issues, ethical issues, systematic observation, survey construction, experimental design, secondary analysis of existing information, and unobtrusive measures. Restricted to sociology majors or with the consent of the sociology department.

Prerequisites: Minimum grade of C- in SOCI 310 and SOCI 315.

SOCI-418**Qualitative Research Methods****3 Credits**

This course examines qualitative research methods in sociology. Topics covered include: designing qualitative research, ethical issues, interviews, focus groups, ethnography, action research, unobtrusive measures, case studies, content analyses, and the use of triangulation in research.

Prerequisites: Minimum grade of C- in SOCI 315 or (with consent of the instructor) PSYC 212.

SOCI-421**Sociology of Punishment****3 Credits**

This course is an examination and explanation of the historical and contemporary social underpinnings of punishment and the criminal justice system. Topics may include: the social and historical context of punishment; the rationale, principles and goals of sentencing; and current trends in Canadian corrections.

Prerequisites: Minimum grade of C- in SOCI 327.

SOCI-422**Aboriginal Peoples and Justice****3 Credits**

The course is a survey of the involvement of Aboriginal peoples as offenders, victims and service providers in the Canadian criminal justice system at a variety of levels, including policing, courts, corrections, and aftercare. Special attention is given to historic pressures and consequent socio-demographic and political situation of First Nations which contribute to rates of crime and disorder in Aboriginal communities.

Prerequisites: Minimum grade of C- in SOCI 327.

SOCI-424**Advanced Topics in Deviance, Normality and Social Control****3 Credits**

This course provides an in-depth study of a specific topic or current issue related to deviance, normality and social control. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: sociology of alcohol; youth subcultures; medicalization of deviance; mass media and social control; sexuality; power and popular music; cults and, alternative beliefs; and genetic science, deviance, and social control.

Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 224 or consent of the department.

SOCI-425**Conducting Sociological Research****3 Credits**

This course explores the process of conducting research in applied settings. It prepares the student to carry out a specific research project within a public, private or non-profit organization. The course covers general issues in the nature of research, the types of research, planning research, and research ethics. Students learn how to formulate research questions, how to apply appropriate procedures for obtaining answers, how to collect and analyze data, and how to prepare research proposals and reports. **Note:** the course prepares students for the Community Based Criminology Project (SOCI 426).

Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 315 and consent of the department.

SOCI-426**Community-Based Sociology Project****3 Credits**

In this course, students are assigned to a public, private, or non-profit community organization where they apply their knowledge and skills in sociology and sociological research methods (quantitative and/or qualitative) in a supervised research, evaluative, or analytical project. **Note:** This course does not satisfy the 400-level credit for the sociology major.

Prerequisites: Minimum grade of C- in SOCI 425 and consent of the department.

SOCI-428**Police and the Community****3 Credits**

This course explores the roles and functions of Canadian law enforcement agencies as the "gatekeepers" of the criminal justice system. The course draws on an interdisciplinary approach to contextualize community policing and offers a better understanding of the role of the police, offenders and victims.

Prerequisites: Minimum grade of C- in SOCI 327.

SOCI-430**Gender, Crime and Social Justice****3 Credits**

This course critically examines key concepts, issues and debates with respect to gender, crime and social justice. The key focus is on gender differences in crime, theories of women's crime and the treatment of women offenders and victims by the criminal justice system.

Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 301.

SOCI-449**Advanced Topics in Social Psychology****3 Credits**

This course provides an in-depth study of two or three central topics in social psychology. The theoretical, methodological and applied issues in the selected areas are emphasized. The topics for the course vary from year to year and are announced prior to registration. Possible topics include social cognition, social perception, interpersonal attraction, social psychology and health, and social psychology and the environment.

Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 241 or PSYC 241 or consent of the department.

SOCI-463**Advanced Topics in Canadian Society****3 Credits**

This course provides an in-depth study of a topic in Canadian Society. The topic for the course varies from year to year and will be announced prior to registration. Possible topics include colonialism and the historical development of Canada, regionalism, ethnicity and gender inequities, free trade issues, multinationals and globalization, capitalism, government policy, and/or issues relating to Canadian identity.

Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 101 or consent of the department.

SOCI-470**Advanced Topics in the Sociology of Families****3 Credits**

This course provides an in-depth study of selected topics in the sociology of families. The topic for the course varies from year to year and is announced prior to registration. Possible topics include gender and family, comparative family systems, inequality and family, deviance and family, and family policy.

Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 271 or consent of the department.

SOCI-477**Advanced Topics in Youth****3 Credits**

This course provides an in-depth study of a specific topic or current issue related to the sociology of youth. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: youth subcultures; comparative youth systems; the social construction of adolescence; youth and inequality; and youth, gender, and popular culture.

Prerequisites: A minimum grade of C- in SOCI 377 or consent of the department.

SOCI-490A**Honours Thesis I****3 Credits**

Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings.

Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 490A and 490B in consecutive terms in order to receive a credit in this course.

Prerequisites: Consent of department.

SOCI-490B**Honours Thesis II****3 Credits**

Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings.

Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 490A and 490B in consecutive terms in order to receive a credit in this course.

Prerequisites: Consent of department.

SOCI-498**Individual Study****3 Credits**

In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student may pursue a single research topic in greater depth than is possible within traditional undergraduate courses. Examples of such projects may include directed reading, library research, field research and/or placement. A formal review paper, research proposal, research report, annotated bibliography, and/or essay is required.

Prerequisites: By permission of the department.

SOST-030-1**Social Studies 030-1****5 Credits**

Students are introduced to the complexities of ideologies. This includes the study of the origins of ideologies and their influences on regional, international, and global relations. Students will explore the origins and complexities of ideologies and examine multiple perspectives on the principles of classical and modern liberalism. Analyzing various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

SOWK-101**Social Work Philosophy and Ethics****3 Credits**

This course is intended as an introduction to the study of the social work profession and the evolution of its theory and practices in Canada and elsewhere. The course examines the philosophical base of social work's contemporary identity, as well as its links to other disciplines and human service professions. The course takes a broad look at social work practice principles with an emphasis on helping students to prepare themselves for practicing in caring and anti-oppressive ways in an increasingly diverse society. Ethical traditions and principles are introduced, both as specific guides to practice and as frameworks for consideration of broader social conditions and issues. Relational ethics and the concept of the best ethical self are particularly emphasized. Students are challenged and encouraged to reflect on the knowledge, ideals, values, and attitudes they bring to their learning and to social work practice.

SOWK-102**Introduction to Social Work Practice****3 Credits**

This course is an introduction to professional social work practice. Students are introduced to foundational knowledge that underpins the social work profession and the values and ethics that guide practice. Students explore the helping process and learn how to use key social work practice skills in a variety of practice and inter-cultural settings. The course also provides students with the opportunity to critically reflect upon their potential to practice social work in an effective manner.

SOWK-105**Field Placement****4 Credits**

The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students also complete suicide prevention training as part of the course. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

SOWK-110**Social Work Practice Methods I****3 Credits**

This course introduces students to social work practice methods and the effective use of skills in their practice. Social work philosophy, values, ethics, and practice skills are examined in the context of professional practice. Social work practice theory including ecological systems and structural models of practice, life stage development, and a strengths-based perspective are examined. Students apply the four stages of an effective interview: the preliminary phase; the beginning phase; the work phase and the ending phase. The course focuses on assisting students to develop awareness of cultural issues and skills in social work practice.

Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102. *Co-requisites:* SOWK 115.

SOWK-111**Social Work With Families****3 Credits**

This course is designed to offer students knowledge and insight into the dynamics of families from a social work perspective. Students examine their families of origin to gain insight into personal attitudes and values. This course helps students develop the knowledge and skills to provide basic services to families in a supportive role. Students examine family systems theory, communication and relationship processes in families, family development and life cycle theory, family strengths and resilience, and cultural aspects of family processes. Students learn to identify family strengths and to provide support to enhance positive family functioning.

Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK-112**Social Work With Children and Adolescents****3 Credits**

This course examines child and adolescent developmental life stages, prenatal to adolescence. Students explore lifespan development theory, tasks, needs and issues from a Social Work perspective. Specific emphasis is placed on: understanding the physical, emotional, psychological, sexual, moral and social processes for the child; understanding the needs and responsibilities of parents at each stage of child and adolescent development; critiquing society's roles and reactions to the needs of children, parents, and families; and, describing the nature of social work intervention in each developmental stage and the implications for social policy. Cross cultural aspects of lifespan development are explored.

Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK-115**Field Placement****4 Credits**

The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

Prerequisites: SOWK 105. *Co-requisites:* SOWK 110.

SOWK-201**Group Work****3 Credits**

This course is designed to develop specific group work skills, an appreciation of the impact of groups, and a recognition of the appropriate use of groups in the social work field. It examines the components of the group process and develops skills in organizing and facilitating groups. Focus is on increasing students' awareness of their own interaction in groups and on demonstrating their ability to use effective social work skills with groups. The students have an opportunity to integrate the theoretical concepts with actual experience by participating in and leading group sessions.

Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111 and SOWK 112.

SOWK-202**Social Work Practice Methods II****3 Credits**

This course builds on social work practice theory and skills introduced in Social Work Practice Methods I (SOWK 110). Students learn an organized approach to problem solving, including: social work assessment, establishing short and long term goals, implementation of change strategies, and evaluation of their work. Students are encouraged to adopt a strengths-based approach to practice recognizing the social, political, and cultural context of their clients' lives. Discussion of theoretical concepts and experiential learning in the classroom helps students develop and enhance their social work practice skills and articulate a professional model of practice. Students also learn to document their work with clients.

Prerequisites: Minimum grade of C- in SOWK 110 and SOWK 111. *Co-requisites:* SOWK 205.

SOWK-203**Mental Health, Trauma and Addictions****3 Credits**

This course provides students with an introduction to mental health, trauma and addictions from a social work perspective. Drawing on a competency-based approach to practice, students examine: the history of the treatment of the mentally ill; definitions of mental illness and mental health; common disorders encountered in practice; substance abuse and concurrent disorders; causative factors of mental illness including the role of trauma; factors that promote mental health; mental health assessments; treatment approaches and resources within the community; and mental health legislation and policy. Students explore their own values, ideas and experiences related to mental health, trauma and addiction and develop sensitivity to cultural issues in defining and treating mental health problems. Specific attention is focused on the role of social workers in the delivery of mental health services.

Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111, and SOWK 112. Minimum grade of D in PSYC 104.

SOWK-204**Social Policy and Anti-Oppressive Practice****3 Credits**

This course is designed to help students become critically aware of the economic, social and political environment within which they practice social work. The course examines the process by which social policy is developed in Canada and encourages reflection of the ways social workers are influenced by and in turn can influence that process. Students are invited to examine their own values as well as some dominant ideologies and assumptions present within Canada today. Opportunities are provided for students to enhance their understanding of a range of contemporary social issues of particular relevance to the social work profession. A strong theme developed throughout the course is that of understanding the nature of structural and anti-oppressive social work practice.

Prerequisites: SOWK 101, SOWK 102, ENGL 102, ENGL 103, SOWK 110, SOWK 111.

SOWK-205**Field Placement****4 Credits**

The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

Prerequisites: SOWK 115. *Co-requisites:* SOWK 202.

SOWK-210**Community Practice Methods III****3 Credits**

This course provides students with an introduction to theoretical knowledge and skills for working with communities. Students examine current theories of community development/organization and develop the skills necessary for effective social work intervention and change at the community level. This course includes a local and global perspective and issues related to environment and international development.

Prerequisites: SOWK 201, SOWK 202 and SOWK 204.

SOWK-211**Social Work Methods IV****3 Credits**

This course provides an introduction to knowledge and skills for social work practice related to family violence. Students examine relevant theory and people's experience of family violence, neglect, deprivation, and separation / loss across the life span. Students also explore topics related to family violence and social work practice from historical, ideological, structural, and cultural perspectives.

Prerequisites: SOWK 204 & a minimum grade of C- SOWK 201 & SOWK 202. *Co-requisite:* SOWK 203.

SOWK-215**Field Placement****4 Credits**

The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

Prerequisites: SOWK 205.

SOWK-240**Introduction to Social Work and Social Welfare****3 Credits**

Students are introduced to the social work profession and social welfare in Canada. The history of the social work profession is explored in the context of the development of social welfare in Canada. Students are exposed to values, ethics and theoretical foundations of the social work profession and supported to apply a social work perspective to a variety of social issues. Students also explore their suitability for the social work profession. **Note:** This course is a requirement for students who wish to apply to the BSW program and do not have a Social Work diploma. This course cannot be used as an elective for students applying to or in the Social Work diploma program.

SOWK-301**Introduction to Social Work Ideology and Ethics****3 Credits**

Students study theoretical foundations and ideologies that shape the role and identity of the social work profession. Exploring the historical roots of social work, students identify their relevance to present day practice. There is an introduction to ethical models and ideological perspectives and their application to practice. Emphasis is placed on relational ethics, third space dialogue and the ethics of sustainability. Students are challenged to develop their critical thinking skills by examining their beliefs, values, ethics as well as those of the profession of social work.

SOWK-302**Indigenous Knowledge: Contributions to Sustainable Social Work Practice****3 Credits**

Students explore how the field of social work might support Indigenous efforts to maintain healthy families, communities, and nations. Students are introduced to the philosophical foundations of Indigenous knowledge systems with a focus on exploring traditional healing practices. Students consider how historical and contemporary expressions of colonialism have impacted the well-being of Indigenous peoples. Throughout the course, students enhance their self-awareness and investigate how their personal values, beliefs and experiences may impact their future social work practice with Indigenous peoples.

SOWK-303**Social Work and Sustainability****3 Credits**

Students are introduced to the important role social work can play in addressing the environmental challenges of our times. Students explore the root cause of the environmental crisis and have the opportunity to explore a wide variety of ethical perspectives related to the human-nature relationship. The environmental crisis is then explored through the lens of social and environmental justice. Subsequently, students are supported to develop a personal model of social work practice that sustains individuals, families, communities and the environment in which they co-exist.

SOWK-304**Human Development and the Environment****3 Credits**

Students become familiar with and understand the major theories of human development across the lifespan and explore human development and behaviour in the social environment. Students critique the dominant theories and explore ways in which culture, gender and class impact human development. Students are required to explore their own views and values on human development and link these to major theories. Students are able to explain how the social determinants impact human development and apply social work intervention strategies at each stage of development.

SOWK-305**Social Work Practice with Individuals and Families****3 Credits**

This course provides students with an introduction to social work practice with individuals and families. The course is designed to provide students with knowledge of social work practice theories, methods and skills and apply these skills to their practice with individuals and families. Theoretical models and skills related to direct practice are critically examined and explored within the context of professional social work practice including social work ethics, non-oppressive practice, and a commitment to social and environmental sustainability. Students develop their own model of personal/professional sustainability and explore how interventions are implemented in a sustainable way for individuals, families and agencies. Typically this class is taken in conjunction with SOWK 301, 302, 303 and 304. In Individual and Family Practice, students integrate in their practice aspects from all these other classes.

SOWK-310**Social Work and Intercultural Practice****3 Credits**

This course is an introduction to social work practice with people of diverse cultures and spiritualities. It begins with an exploration of historical and contemporary issues and social policies related to Canada's identity as a nation of Indigenous people and immigrants; then proceeds to explore experiences and issues of immigrant and refugee people. The course takes a positive, anti-oppressive and strengths-based stance on supporting immigrant and refugee people and communities as they deal with the challenges of migration and pressures for assimilation. The framework for practice presented is focused on relational ethics, with emphasis on the third space and skilled dialogue as interactional care practices. Students are strongly encouraged to develop their reflective skills.

SOWK-311**Critical Thinking and Social Work Research Methods****3 Credits**

Students are introduced to the major research paradigms and methods of scientific inquiry with a particular emphasis on developing skills in utilizing, evaluating and designing research that is relevant in all areas of social work practice. Students are challenged to examine their own approach to knowing, to incorporate evidence-based research into practice, and to think critically about research and how it is reported to the public. The subjectivity of the researcher, the political and ethical context of research, and the role of research as an instrument of power in the lives of oppressed peoples are discussed.

SOWK-312**Social Policy****3 Credits**

Students trace the development of Canadian social welfare policy and examine social justice issues and human rights that impact on social work practice. Students develop a critical understanding of the theory and knowledge of anti-oppressive practice and how it relates to human need and social services. Key concepts that challenge social injustices related to economic, social, political and ethical views of society are examined.

SOWK-350**Field Practicum****5 Credits**

Students are placed in a human service agency with supervision and mentorship provided by an experienced practitioner. Students also receive mentorship from a faculty liaison who coordinates and supports the placement. The purpose of this field placement is to integrate theory and practice, to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional identity. As learners in the field, students apply their knowledge to the profession of social work.

Prerequisites: SOWK 305. *Co-requisites:* SOWK 351.

SOWK-351**Field Practicum Seminar****1 Credit**

Students have the opportunity to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students critically engage in self-reflection, analyze their practice, and engage in a small group process to develop their professional problem solving skills & to enhance their professional self.

Prerequisites: SOWK 305. *Co-requisites:* SOWK 350.

SOWK-401**Introduction to Social Work with Communities****3 Credits**

Community work is a core component of social work. Social workers in a community setting work to promote social justice by organizing diverse, marginalized and oppressed communities to problem solve and influence structural changes. This course teaches students about the nature of power and the social networks that it flows through, the skills and practices needed to mobilize diverse voices, and the ethics and values that guide social work with communities.

SOWK-402**Social Work with Groups****3 Credits**

This course focuses on group work practice within the context of social work values, beliefs, and ethics. The course is designed to provide students with knowledge and skills in group planning and facilitation for application in a variety of social work settings. Theoretical models of group practice and social group work are presented, and the use of groups as a means to address oppression is examined. Self-awareness is encouraged through participation in group sessions and activities. An emphasis throughout the course is understanding diversity and how it influences group planning and process.

SOWK-403**Leadership in Human Service Organizations****3 Credits**

This course explores theories, practices and issues related to leadership of contemporary human service organizations in Canadian society. Critical perspectives will enhance the students' understanding of the unique nature of social service organizations, and will contribute to students' development as effective, ethical and egalitarian leaders who value diversity, sustainability, inter-professionalism, and anti-oppressive practice. Students will review and critically analyze leadership and organizational theories, gender, class and diversity issues, and specific leadership strategies to create responsive, ethical and positive organizational cultures whose primary goals are service to vulnerable and marginalized populations.

SOWK-410**Advanced Social Work Practice with Children and Families****3 Credits**

Students deepen their knowledge base and practice skills specific to social work with children and families. Recognizing that there are complex social and environmental factors influencing the lives of families and children, students look at multiple sources of knowledge to identify and analyze areas of oppression, and to develop strategies for prevention/intervention. The focus is to prepare students for direct and indirect practice with vulnerable populations so they are able to work in both traditional and multidisciplinary settings. Students are encouraged to build an understanding of relational ethics and to apply an anti-oppressive lens in creating a framework for practice with children and families.

SOWK-411**Advanced Social Work Practice with Indigenous Peoples****3 Credits**

Students have the opportunity to explore and utilize Indigenous knowledge in the development of social work methods which advance socially just and sustainable communities. Building upon the knowledge and skills acquired through the completion of SOWK 302, students complete a specialized examination of the structural forces which impact the well-being of Indigenous peoples who reside in urban settings. Students assess the relevance and effectiveness of a variety of family, health and social supports that are delivered through existing urban infrastructures. Throughout the course, students analyze the disjuncture between Indigenous paradigms and Settler/dominant worldviews as they seek to envision and create a model of social work which is inclusive and founded upon the principles of justice and reciprocity.

Prerequisites: SOWK 302.

SOWK-412**Advanced Social Work Practice with Communities****3 Credits**

This course provides students with a strong foundation in critical social work (sub)theories that influence community practice. Utilizing structural and anti-oppressive social work perspective, students explore core concepts such as globalization, internationalizing social work practice, Indigenous community development and community resiliency theory. The course focus is on the integration of practice and skill building with theory and methods. Students are challenged to enhance their understanding of the interconnected and interrelatedness of social inequities, environmental instability, global capitalism, and diverse forms of oppression at the individual, institutional and structural levels. Activities and assignments focus on fostering critical self and social reflection all the while aiming to identify strategies to address complex issues in today's globalized world.

SOWK-413**Advanced Practice in Health and Mental Health Settings****3 Credits**

This course prepares students to work in health/mental health settings by introducing them to the theory and advanced practice skills specific to these practice settings. Recognizing healthcare settings requires the social worker to collaborate with other healthcare professionals to achieve client health and well-being, students examine various healthcare models to develop intervention strategies to meet the complex needs of the individual and family and address issues of oppression. Social workers have a special role with to present the voices of families and advocate for all members of the client system. Through the use of simulation lab sessions, students examine psychosocial assessment, contracting, intervention planning/delivery, and documentation. Special issues of health and social policies that govern healthcare practice and bioethics are presented.

SOWK-450**Field Practicum****8 Credits**

This course is an opportunity for students to further their previous field practice experience in a more challenging social work practice setting. Students are placed in human service organizations under the supervision and support of both their field placement supervisor and their faculty liaison. The focus of field placement is to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional social work identity. In this field placement, students further integrate social work knowledge (theory ethics, values), develop competent social work skills and examine their practice from an ethical perspective.

Prerequisites: SOWK 350 and SOWK 351 for University transfer pathway students only. *Co-requisites:* SOWK 410 or SOWK 411 or SOWK 412 or SOWK 413 and SOWK 451.

SOWK-451**Field Practicum Seminar****1 Credit**

The field practicum seminar provides an opportunity for the student to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and to develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students critically engage in self-reflection, analyze their practice and engage in a small group process to problem solve and to enhance their professional self. In this advanced seminar, students are expected to provide leadership, be prepared to critically reflect and problem solve. Students are expected to have an integrated professional identity.

Prerequisites: SOWK 350 and SOWK 351 for University transfer pathway students only. *Co-requisites:* SOWK 450.

SPAN-111**Introductory Spanish I****3 Credits**

Spanish 111 is an introductory course designed for students with limited or no previous knowledge of Spanish. It introduces the sounds of the Spanish language, essential grammatical structures and tenses, and a practical basic vocabulary to aid the student in the development of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in Spanish-speaking countries are also introduced. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course. **Note:** Credit can only be obtained in one of SPAN 101 or SPAN 111.

SPAN-112**Introductory Spanish II****3 Credits**

This course is a continuation of SPAN 111 and is intended to further the development of the four language skills and the cultural awareness acquired in SPAN 111. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course.

Prerequisites: Minimum grade of C- in SPAN 111.

SPAN-211**Intermediate Spanish I****3 Credits**

Spanish 211 is designed for students to develop and strengthen aural comprehension, expression, reading skills and writing skills acquired in beginner-level courses. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in SPAN 112 or successful completion of Spanish 30, 35, or equivalent course.

SPAN-212**Intermediate Spanish II****3 Credits**

Spanish 212 is a continuation of SPAN 211 and is intended to further develop and strengthen the oral comprehension, expression, reading and writing skills acquired in SPAN 211. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in SPAN 211.

SPAN-216**Hispanic Cultures and Oral Practice****3 Credits**

SPAN 216 is an advanced intermediate-level course. It aims to improve the student's production and comprehension of spoken and written Spanish. Conducted in Spanish, this course explores current cultural and social issues in the Hispanic world as seen through various media sources and selected readings. It familiarizes the student with the geography, history and artistic achievements of Spain and Latin America. This course requires oral and written presentations and places emphasis on oral work. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course. Students with a proficiency level beyond this course may be directed to a higher-level course.

Prerequisites: Minimum grade of C- in SPAN 212.

SPAN-230**Composition and Conversation in Spanish****3 Credits**

Spanish 230 is an advanced intermediate-level course for students with a working knowledge of the language. Conducted in Spanish, this course provides students the opportunity to improve spoken and written Spanish. Attention is given to pronunciation, understanding spoken Spanish and correct use of grammar, with emphasis placed on developing a clear and concise writing style in a variety of modes and formats. **Note:** Students with a native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course.

Prerequisites: Minimum grade of C- in SPAN 216.

SPAN-306**Spanish for Heritage Speakers****3 Credits**

This course is intended for speakers with an advanced level of oral proficiency, but little or no previous formal study of Spanish. It focuses on topics such as grammar and sentence structure, spelling and punctuation, interference between English and Spanish, and colloquial versus formal usages with the objective of improving skills in oral and written communication.

Prerequisites: Consent of the department.

SPAN-315**Advanced Oral Practice and Composition in Spanish****3 Credits**

Taught in Spanish, this course is designed for students who wish to consolidate their oral/aural skills at an advanced level. It provides intensive composition and conversation practice. The course focuses on further developing students' means of expression through practice in text summary, composition, text analysis, essays, review of complex grammar concepts, and discussion of a variety of recorded material, articles and films.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-321**Cultures and Civilizations of Spain and Spanish America****3 Credits**

Taught in Spanish, this survey course examines the Spanish-speaking world (Spain and Spanish America) through traditions, customs, historical events, sociopolitical issues, literatures, and artistic trends.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-325**Monsters and Other Beings****3 Credits**

Taught in Spanish, this course introduces students to depictions of monstrosity or deviance in the Hispanic historic and cultural imaginary. Monsters and other imaginary beings have been used to identify what is seen as threatening to the status quo of society. Through a selection of provocative texts and audiovisual materials, students explore the use of terms such as monster, witch, whore, and evil. The course focusses on the discussion of the monstrous deviation as a reflection of human existence in relation to the socio-cultural and political environment in Hispanic societies from antiquity to the present.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-335**Introduction to Business Spanish****3 Credits**

Conducted entirely in Spanish, this course focuses on business terminology and the stylistic features of business communication, oral and written. The course also fosters cross-cultural awareness necessary to function effectively in the Spanish-speaking business world. Advanced Spanish language proficiency is required. Individual and group presentations are an essential part of this course.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-341**Introduction to Translation****3 Credits**

SPAN 341 is an introduction to the theory and the practice of translation. The course offers an overview of translation while providing practice with a variety of texts. Students review basic linguistic and cultural patterns, and discuss common grammatical and lexical difficulties. Students also work on the assessment and translation of original texts from English/Spanish to Spanish/English.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-350**Magical Realism, Subversion and Sexuality in Hispanic Films and Literature****3 Credits**

This course introduces students to one of the most stimulating and creative trends in contemporary Hispanic literatures and cinema, Magical Realism, in which elements of magic are incorporated into everyday reality. Students critically examine a selection of representative magical realist fiction and films, exploring the relationship between the magical and the real within each text and their historical and cultural context. Because Hispanic Magical Realism has been considered a subversive mode of writing (and representation in general) that challenges discourses of power, this course also analyses the effectiveness of Magical Realism in liberating the voices of the subjugated, especially women. The course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-351**Women in Hispanic Literatures****3 Credits**

This course focuses on the role of women in the literatures of Spain and Spanish America from the Medieval period through the 20th century. It analyzes how the construction of gender in literature reflects, interacts with or rejects the cultural and socio-historical conditions of the time. This course is designed to stimulate discussion, increase the student's familiarity with methods of literary analysis, and provide an understanding of Hispanic cultures and thought. This course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-352**Survey of Spanish and Hispanic American Literatures****3 Credits**

This course is an overview of literary production and cultural expression in Spain and Hispanic America from the medieval period to the twenty-first century. Through the study of poems, excerpts of literary works (prose and drama) and essays by the most representative writers, students analyze and interpret the main literary movements and trends of each period. The course offers students the necessary tools to discuss literary texts as a means to approach Hispanic societies, their history, culture and values. This course is conducted in Spanish. Primary readings are in Spanish. Secondary sources may be in English.

Prerequisites: Minimum grade of C- in SPAN 230.

SPAN-398**Independent Study****3 Credits**

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

SPAN-498**Advanced Independent Study****3 Credits**

This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

STAT-151**Introduction to Applied Statistics****3 Credits**

In this course the following topics are covered: data collection and presentation; descriptive statistics; probability distributions, sampling distributions and the central limit theorem; point estimation, confidence intervals, and hypothesis testing; one-way ANOVA; Chi-square tests; and correlation and regression analysis. Applications are taken from a broad variety of fields such as biological and medical sciences, engineering, social sciences and economics. **Note:** This course may not be taken for credit if credit has been obtained in Stat 161.

Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT-161**Applied Statistics for the Social Sciences****3 Credits**

This course provides an introduction to descriptive and inferential statistics with a focus on data analytic tools particularly relevant in the social sciences. Topics covered in this course include descriptive statistics, basic probability theory and the central limit theorem; estimation and hypothesis testing; t-tests, analysis of contingency tables, one way ANOVA, and multiple linear regression analysis. Applications are taken from the social sciences and many other fields such as biological and medical sciences, engineering, and economics. **Note:** Credit cannot be obtained in both STAT 151 and 161.

Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT-252**Applied Statistics II****3 Credits**

Fundamental methods in applied statistics are presented in this course including the following topics: factorial ANOVA and Linear Regression models and their analysis as well as non-parametric statistical tools for the comparison of the centre of distributions. Applications are taken from a broad variety of areas such as biological, social and computer sciences, engineering, and economics.

Prerequisites: Minimum grade of C- in one of STAT 141, STAT 151, STAT 152 or STAT 161.

STAT-265**Probability Theory****3 Credits**

This course offers a calculus-based introduction to probability theory. Topics covered include sample space, events, combinatorial probability, conditional probability, independent events, Bayes' theorem, discrete and continuous random variables, univariate and multivariate probability distributions, expectation, conditional expectation, joint probability distributions, independence, moment generating functions. **Note:** STAT 151 is recommended and MATH 214 is a recommended co-requisite.

Prerequisites: Minimum grade of C- in MATH 115.

STAT-266**Mathematical Statistics****3 Credits**

The emphasis of this course is to present the fundamental statistical concepts in estimation and hypothesis testing from a classical perspective using the tools of probability theory. Topics covered include: limit theorems, sampling distributions, methods of point estimation and properties of point estimators, interval estimation, testing hypotheses. Statistical software is used to simulate distributions and probabilistic process that lead to statistical applications.

Prerequisites: Minimum grade of C- in STAT 265.

STAT-322**Finite Markov Chains and Applications****3 Credits**

This course presents fundamental results regarding finite Markov chains. Topics covered include connection with matrix theory, classification of states, main properties of absorbing, regular and ergodic finite Markov chains. Applications to genetics, psychology, computing science and engineering are also included.

Prerequisites: Minimum grade of C- in MATH 120, and in either MATH 200 or STAT 265. Math 214 is recommended.

STAT-324**Computational Statistics with R****3 Credits**

This course explores the usage of computer programming and algorithms in the field of statistics. The focus of the course will be computationally intensive statistical methods, such as Monte Carlo simulations, the expectation-maximization algorithm, and bootstrapping. The material will be illustrated and the students' work will be carried out using R (a free, open source, multi-platform programming language).

Prerequisites: Minimum grade of C- in STAT 266, and in either CMPT 101 or CMPT 103.

STAT-350**Sampling Theory and Applications****3 Credits**

This course concentrates on the design and analysis techniques for sample surveys. Topics include simple random sampling, stratified sampling, ratio, regression and difference estimation, single-stage cluster sampling, systematic sampling, two-stage cluster sampling.

Prerequisites: Minimum grade of C- in STAT 265.

STAT-353**Design and Analysis of Experiments****3 Credits**

This course deals with design, conduct and analysis of experimental studies. Topics include: principles of design, completely randomized design with one factor, randomized complete block designs, Latin square design, Graeco-Latin square design, balanced incomplete block design, factorial design, two-level factorial design, two-level factorial design in incomplete blocks, two-level fractional factorial design, experiments with random factors, and nested and split-plot designs.

Prerequisites: Minimum grade of C- in STAT 266.

STAT-370**Applied Time Series Analysis****3 Credits**

This is an introductory course in applied time series analysis. Topics include computational techniques in time domain for simple time series models, and basic methods in spectral analysis. Model selection, estimation, and forecasting are illustrated for the autoregressive, moving average, ARMA, and ARIMA models. Depending on students' interests, ARCH models may be included. Applications are taken from medical and social sciences, biology, engineering and business.

Prerequisites: Minimum grade of C- in STAT 266 and in either MATH 120 or MATH 125.

STAT-371**Applied Categorical Data Analysis****3 Credits**

This course presents fundamental methods in categorical data analysis emphasizing applications. Topics include: analysis of two-way tables, models for binary response variables, loglinear models, and models for ordinal data and multinomial response data.

Prerequisites: Minimum grade of C- in either STAT 252 or STAT 266.

STAT-372**Applied Multivariate Analysis****3 Credits**

This course will focus on essential multivariate statistical methods. Topics include matrix algebra, tests of significance, principal components analysis, factor analysis, discrimination analysis, cluster analysis and canonical correlation analysis. This course is relevant to working professionals in health, social biological and behavioral sciences who engage in applied research in their field.

Prerequisites: Minimum grade of C- in MATH 120 or MATH 125 and STAT 252 or STAT 265.

STAT-378**Applied Regression Analysis****3 Credits**

The course introduces methods in regression analysis. Topics include: multiple linear regression with particular focus on diagnostics, non-linear regression, and generalized linear models, such as Poisson regression and logistic regression. Emphasis will be placed on the practical application of the statistical methods.

Prerequisites: Minimum grade of C- in either STAT 266 or in all of STAT 252, MATH 114 and in MATH 120 or MATH 125.

STAT-412**Stochastic Processes****3 Credits**

This course presents fundamental results regarding Poisson processes, discrete and continuous time Markov processes, martingales and random walks. A practical but rigorous approach to stochastic processes will be utilized, with a focus on building models and understanding them mathematically.

Prerequisites: Minimum grade of C- in MATH 120 (or MATH 125), MATH 214, STAT 266, and an additional three credits in any 300 level STAT course.

STAT-495**Special Topics in Statistics****3 Credits**

In this course students examine an advanced topic in Statistics. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. **Note:** This course may be taken multiple times for credit.

Prerequisites: Minimum grade of B- in a 300-level STAT course and consent of the department.

SUST-201**Introduction to Sustainability****3 Credits**

In this course, which builds on the legacy of our university's namesake, Dr. J. W. Grant MacEwan, students examine the theories, principles, and practices of sustainability, focusing on the interconnectedness of environmental, economic, and social systems in achieving overall well-being. Students explore compelling sustainability issues from a variety of interdisciplinary perspectives.

TAST-101**Child and Adolescent Development****3 Credits**

This course provides a survey of the major theories of human development, principles, research findings, and concepts relating to child and adolescent development from a cognitive, social/emotional, and physical perspective. Course material explores several aspects influencing individual development from preschool to adolescence with a focus on application of this content to the educational setting.

TAST-102**Supporting Classroom Behaviour Management****3 Credits**

The focus of this course is to develop the learner's skills and knowledge to provide positive behavioural support to students within the context of the teacher's classroom behaviour management system. Course content will address the interrelationship of multiple factors within the classroom environment, strategies to foster student compliance, methods of observing, documenting and reporting student behaviours to teachers, the relationship of our brain to our behaviour, the communicative function of student behaviour, the development and implementation of appropriate intervention strategies for students who have complex behavioural needs and the critical need for positive classroom relationships.

TAST-103**Language Learning and Math Across the Curriculum****3 Credits**

In this course, students examine the theory and practice of literacy within the Alberta Language Arts and Mathematics curricula. Students learn to support the implementation of these programs by adapting materials to meet the learning styles and needs of pupils. Learning a variety of practical strategies, students are able to transfer real skills to the classroom, including paired reading, spelling systems, and math manipulatives.

TAST-107**Students with Exceptionalities - Level I****3 Credits**

This course examines the philosophy and educational concepts associated with educating students with special needs in Alberta. In addition, the course examines theoretical information related to attention deficit disorder (ADD/ADHD), learning disabilities, Down Syndrome, Fragile X Syndrome, cerebral palsy, epilepsy, and Fetal Alcohol Spectrum Disorder. The role special needs educational assistants have in implementing the objectives identified in student's individual program plans is also examined. Students explore in-depth program modification strategies, documentation strategies and the effects of specific medications.

TAST-114**Specialized Skills and Practice****2 Credits**

Students develop the skills necessary to support classroom teachers and students with specific special education needs. The course blends theory with effective practice to prepare assistants who must demonstrate ways to adapt learning activities and materials for students with a range of academic, emotional and physical challenges. The particular special education need studied varies from term to term.

TAST-117**Students With Exceptionalities- Level II****3 Credits**

This course examines the philosophy and educational concepts associated with educating students with special needs in Alberta. In this course, students learn to implement strategies, as directed by the teacher, in order to realize a student's goals as outlined in the Individualized Program Plan (IPP). In addition, specific areas of study include: emotional/behaviour disorders, Tourette's Syndrome, autism spectrum disorders, developmental disabilities, anxiety or eating disorders, traumatic brain injury, oppositional defiant disorder, medication, depression, schizophrenia, and conduct disorder. Specific sessions will address transporting and lifting, medication administration in classrooms, learning styles, and how to best meet the needs of children with autism.

TAST-125**Collaborative Team Practice****3 Credits**

This course introduces students to the foundational skills required to effectively contribute to classroom learning teams. Through mediated learning activities students have the opportunity to build on and expand their own communication skills and practice the interpersonal skills needed to work productively in a variety of educational contexts. The roles and responsibilities of learning team members are identified and compared as the dynamics among the roles of these team members are explored. A strong emphasis is placed on experiential learning and self-growth activities.

TAST-128**Assistive and Adaptive Technology****3 Credits**

This course provides an introduction to assistive technology resources used to support children and adults with disabilities to achieve success in their learning and work throughout their lifespan. Students compare methods used to make decisions about appropriate assistive technology for specific needs and examine their role in the needs assessment and implementation processes.

TAST-129**Seminar****1 Credit**

In this course, students reflect on their professional practice and link their classroom learning with field related experiences and workplace issues. The small group seminar format promotes the integration of theory and practice in a professional setting through facilitated group discussion and participation. The school board application process is examined in detail and students complete a professional portfolio to provide an overview of their skills, knowledge and experience.

Co-requisites: TAST 130.

TAST-130**Practicum****3 Credits**

The practicum is designed to provide students experiential learning opportunities in the field to connect their knowledge, skills and attitudes to the content of program theoretical course work. Through practical, hands-on work at their school site, students experience the full range of responsibilities associated with the complex role of educational assistants. The supervised practice setting enables students to develop the confidence and knowledge required to be an effective practitioner in the field of education.

Co-requisites: TAST 129.

THAR-101**Acting Skills I****3 Credits**

Acting Skills I is the first in a series of courses to develop the essential skills to create in both a solo and ensemble environment as a beginning actor. This is a course of preparation and discovery. Through the exploration of body, voice and imagination, students are introduced to the foundational tools of actor training through Improvisation, Text Study and Monologue/Scene Study.

THAR-102**Vocal Music I****1 Credit**

This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, posture, breath management, tone quality, diction, interpretation and musicianship are stressed in weekly private lessons. In the Vocal Lab, the fundamentals of the analysis and preparation of songs from music theatre are explored. Performing songs and integrating songs into a dramatic setting are the bases of this weekly workshop.

THAR-104**Vocal Production for Music Theatre I****3 Credits**

Vocal music production includes vocal training for the stage (both spoken and sung), private weekly coaching sessions, and an introduction to the history and repertoire of musical theatre. Through vocal and physical exercises, students learn techniques and strategies for successful rehearsal and performance. Spoken voice builds foundational skill in proper vocal production for the stage. Posture, breath management, tone quality, diction, interpretation and musicianship are explored in weekly private singing lessons. Lectures provide historical and thematic context of the evolution of American musical theatre, charting its genesis from ancient times to the mid 20th century, and the styles that inform the presentation of this material. All these facets of study culminate in weekly workshops with the performance of songs, and their integration into a dramatic textual setting.

THAR-109**Performer's Lab****3 Credits**

Works from music theatre's repertoire are studied and explored in a workshop format. In this laboratory course, students acquire the necessary rehearsal and performance tools to perform a complete music theatre work. They learn how to make the author's voice come alive in structure and characterization as well as how to make the transition from speaking to singing in an honest and believable way. A director, vocal director, choreographer and musical director work together with the students to prepare a final project for a brief public performance run. As a culmination of their first year of training, they are expected to perform at a higher level of professionalism than in previous course work.

THAR-110**Dance Skills I****3 Credits**

In this course, students are introduced to the fundamentals of dance technique and movement for actors. Dance technique classes, primarily in ballet, jazz and tap, explore the various styles of dance demanded of the musical theatre performer through exercises in these disciplines and the preparation of both solo and ensemble pieces. Movement classes assist the developing actor in increasing body awareness, thus providing a better basis for character physicalization.

THAR-140**Music Theory and Ear Training 1****3 Credits**

This course introduces the theoretical basics of music as they apply to the repertoire of music theatre. Students apply the basic rudiments of music theory to the analysis of music theatre repertoire. Topics include: functional keyboard, the aural identification of intervals, melodies, rhythms, and chords, as well as the sight-singing of melodies and rhythms drawn from the music theatre repertoire.

THAR-141**Music Theory and Ear Training II****3 Credits**

Students continue to study music theory and ear training with song selections from the music theatre repertoire. Coursework focuses on the relationship between theory and the performance of music theatre repertoire.

Prerequisites: Minimum grade of C- in THAR 140

THAR-151**Acting Skills II****3 Credits**

Acting Skills II further develops the skills and techniques required by the successful actor. It is designed to integrate the technical, imaginative and personal discoveries of the preceding course. Focus shifts from process to performance with the exploration and presentation of a complete play.

Prerequisites: Minimum grade of C- in THAR 101.

THAR-152
Vocal Music II

1 Credit

This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, posture, breath management, tone quality, diction, interpretation, and musicianship are stressed in weekly private lessons. Building upon the fundamentals introduced in Vocal Music I, the Vocal Lab continues to develop skills in the analysis and preparation of songs from music theatre.

Prerequisites: Minimum grade of C- in THAR 102.

THAR-154
Vocal Production for Music Theatre II

3 Credits

Continuing the exploration and discovery of Vocal Production I, this course emphasizes correct vocal production for the stage, as both a solo artist and in an ensemble setting. Spoken voice builds on proper vocal production for the stage. In weekly private coaching sessions, solo study addresses posture, breath management, tone quality, diction, interpretation and musicianship. Lectures continue to provide historical and thematic context of the evolution of American musical theatre, focusing primarily on the mid twentieth century up to the 'Golden Age' of musical theatre, and the styles that inform the presentation of this material. All these facets of study culminate in weekly workshops with the performance of songs via solo, duet and small ensemble work. Students are challenged to deepen their analysis of and performance of songs.

Prerequisites: Minimum grade of C- in THAR 104

THAR-160
Dance Skills II

3 Credits

This course is a continuation of the dance technique and movement classes from THAR 110. Dance technique classes, primarily in ballet, jazz and tap, are a continuation of regular weekly studio classes exploring the various styles of dance demanded of the music theatre performer. Students begin the process of integrating technique into choreography. Movement classes also continue, with a focus upon the development of personal movement patterns that become part of the actor's technique.

Prerequisites: Minimum grade of C- in THAR 110.

THAR-201
Acting Skills III

3 Credits

Acting Skills III builds on the skills developed in Acting Skills I and II. This is a term of growth, one that tests discoveries made in the first year of training. In this course, students engage in a deeper exploration of the concept of style within two new additional areas of intensified focus: Classical Scene Study and Music Theatre Scene Study.

Prerequisites: Minimum grade of C- in THAR 151.

THAR-202
Vocal Music III

1 Credit

This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, study of the fundamentals of singing continues. In the Vocal Repertoire Class, the analysis and preparation of songs for music theatre continues with an emphasis on the preparation of material for auditions.

Prerequisites: Minimum grade of C- in THAR 152.

THAR-204
Vocal Production for Musical Theatre III

3 Credits

Vocal Production III entails further development of musicianship and refinement in performance, with the addition of more rigorous application of vocal exercises and techniques. Students develop as individual performers, concentrating on song interpretation incorporating various acting techniques. Vocal work strengthens textual freedom and specificity in rehearsal and performance. Lectures and song analysis expand the repertoire of musical theatre as students apply genre/period styles of music theatre into performance.

Prerequisites: Minimum grade of C- in THAR 154

THAR-206
Performance I

3 Credits

Students audition for roles in the MacEwan Theatre Department season, and work collaboratively with the artistic and technical team in the production of a play and/or musical. Implementing all the rehearsal and performance techniques and skills acquired in their first year of training, students experience how a creative team collaborates during the rehearsal process, technical rehearsals and performance run.

Prerequisites: Minimum grade of C- in THAR 109.

THAR-215
Voice and Diction I

1 Credit

In this course, students build upon the foundations of vocal production established in THAR 115 with study of the mechanics of the speaking voice: breath control, phonation, resonance and articulation, drill and practice in the pronunciation of the spoken word. Students are able to apply this knowledge to the preparation and performance of text in all rehearsal and performance contexts.

Prerequisites: Minimum grade of C- in THAR 115.

THAR-216
Voice and Diction II

1 Credit

This course builds upon the foundational and developmental work of THAR 115 and THAR 215, with emphasis on clarity and colour in the voice, plus exercises in prepared and cold reading. Students apply voice production skills to rehearsals for public performances as well as to the preparation of auditions.

Prerequisites: Minimum grade of C- in THAR 215.

THAR-250
Dance Skills III

3 Credits

This course consists of dance technique and movement classes. Technique classes, primarily in jazz and tap, are a continuation of regular weekly studio classes that explore the various styles of dance demanded of the music theatre performer. Students focus further on the integration of technique into choreography while developing performance skills. Regular weekly classes in movement also continue, with emphasis on the development of greater anatomical awareness, spatial awareness and movement potential.

Prerequisites: Minimum grade of C- in THAR 160.

THAR-251
Acting Skills IV

3 Credits

Acting Skills IV is the final course in the series that develops the skills required for a successful actor. This laboratory course is the bridge that prepares the student for transition into the professional world. Work continues on the mechanics of acting through advanced monologue study. Students apply all their cumulative training and skills in the preparation of contrasting monologues and songs for audition purposes in a variety of milieux. Students also explore neutral mask. Finally, this course incorporates professional development sessions and introduces career management advice and tactics.

Prerequisites: Minimum grade of C- in THAR 201.

THAR-252
Vocal Music IV

1 Credit

In weekly vocal lessons the study of the fundamentals of singing continues. In vocal repertoire classes the analysis and preparation of songs for music theatre continues, with an emphasis on the preparation of material for audition and performance. The culmination of this term's activity is the preparation for the Mock Audition.

Prerequisites: Minimum grade of C- in THAR 202.

THAR-254
Vocal Production for Music Theatre IV

3 Credits

This is the final course in the vocal production series. Coursework adds further depth to the foundations of vocal production. Students apply voice production skills as they rehearse and present material in more rigorous rehearsal and performance contexts. Textual modules may include monologue preparation, dialect work, characterization of the dramatic and animated voice (live and voice-over), heightened language and cold readings. More advanced studies in music theatre repertoire continues, but also includes contemporary pop/rock. Lectures focus on performers and performances throughout music theatre history. Students learn the process of building of a diverse repertoire book of songs and audition techniques, in preparation for professional audition purposes.

Prerequisites: Minimum grade of C- in THAR 204.

THAR-256
Performance II

3 Credits

Performance II builds on the discoveries, skills and techniques of Performance I. Students acquire further opportunities to test and expand their level of training by first auditioning for and then participating in the rehearsal process, technical rehearsals and public performance of a play and/or musical.

Prerequisites: Minimum grade of C- in THAR 206.

THAR-260
Dance Skills IV

3 Credits

This course consists of dance technique and movement classes. Technique classes (primarily in jazz and tap) explore the various styles of dance demanded of the music theatre performer, with an emphasis on the preparation of material for performance and audition. Movement classes continue in the development of greater anatomical awareness, spatial awareness and movement potential, with the addition of work on movement in context.

Prerequisites: Minimum grade of C- in THAR 250.

THAS-101
Normal Development of Speech, Language and Literacy
3 Credits

This course provides students with an overview of normal speech and language development. The normal developmental milestones and sequence of typical language development from birth through to the school aged years are presented. Emergent literacy skills and literacy development are reviewed. General techniques for facilitating early speech, language and literacy development are identified.

THAS-102
Communication Disorders
4 Credits

This course introduces speech, language, fluency and voice disorders. Developmental, genetic and acquired disorders of communication in both children and adults are reviewed. Basic speech and hearing anatomy and physiology, including the respiratory system, vocal apparatus, oral cavity, ear and neurological system are also discussed.

THAS-103
Pathology
4 Credits

Students are introduced to the terminology, etiology, signs and symptoms, progression, and effects of common human disorders experienced by clients undergoing occupational and physical therapy treatments.

THAS-104**Role and Responsibilities of Paraprofessionals in an Educational Setting****2 Credits**

This course focuses on the knowledge, skills and attitudes paraprofessionals need to support both teachers and children in early education and primary (K-3) classrooms. Students explore the role of a Speech Language Pathologist Assistant in relation to working in the educational setting. Beginning with an analysis of their own educational beliefs, students analyze role guidelines and professional ethics. Students study best practices in effective classroom communication and teamwork. Through a review of the components of an Individualized Program Plan, students explore the documentation of children's progress in cooperation with other members of the educational team. The adaptation and modification of programming is explored, and students develop learning activities and materials.

THAS-115**Human Development****4 Credits**

Students examine typical and non-typical human growth and development across the lifespan. Rehabilitation strategies to address deficits in mobility, cognition, and socialization with emphasis on pediatrics and geriatric populations are discussed. The effects of declining health associated with aging are addressed through rehabilitation interventions. Students are introduced to geriatric focused interventions that occur in a variety of settings. Rehabilitation strategies that address the pathological manifestations affecting the neurosensory system are introduced and practiced. Perspectives on rehabilitation measures for persons with cancer include discussion of contraindications and precautions.

THAS-116**Functional Anatomy and Orthopedics****4 Credits**

An introduction to functional anatomy as it relates to human movement and common orthopedic conditions. Clinical measurement techniques, documentation and development of intervention strategies are included.

Prerequisites: Minimum grade of C- in HLSC 104, HLSC 105 and THAS 103.

THAS-117**Principles and Techniques of Client Contact****3 Credits**

Students are introduced to client contact including procedures to ensure provider and patient safety and dignity, and techniques and devices designed to improve patient mobility. Use of the health record for data collection and information sharing is covered. Methods for effective management of challenging behaviors and situations are introduced. Ethical and professional standards are discussed.

Prerequisites: Minimum grade of C- in HLSC 104, HLSC 105 and THAS 103.

THAS-201**Therapeutic Interventions I: Articulation and Phonology****5 Credits**

This course focuses on learning styles and therapy techniques to implement articulation and phonological therapy. A sampling of activities and strategies reflective of various treatment approaches are discussed. Session planning, reporting progress and organization of the therapy interaction are introduced. Cueing, reinforcement, feedback and choosing materials are covered. This course also reviews therapy approaches for children and adults with neuromotor speech disorders.

Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.

THAS-202**Therapeutic Interventions II: Introduction to Clinical Role and Skills****3 Credits**

This course highlights the role and responsibilities of a Speech-Language Pathologist Assistant. The SLP/SLP Assistant relationship is also reviewed. This course also introduces students to various clinical skills including the use of the International Phonetic Alphabet. Students learn how speech sounds are produced and classified. Students refine their abilities to distinguish individual speech sounds and transcribe normal and disordered spontaneous speech. Clinical skills to enhance voice and fluency disorders are reviewed. Students also learn to complete hearing screenings. Amplification systems for hearing impaired individuals are reviewed.

Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.

THAS-203**Field Placement I****5 Credits**

This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to articulation and phonology. Students are required to practice in a self-reflective manner and participate in on-line seminars. *Prerequisites:* TAST 102, and minimum grade of C- in THAS 201 and THAS 202.

THAS-210**Field Placement I****4 Credits**

Students integrate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions, develop confidence, and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students use clinical skills and attributes including reflection on practice and participation in ongoing learning.

Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-211**Field Placement II****4 Credits**

Students continue to develop their integration of knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students develop clinical skills and attributes including reflection on practice and participation in ongoing learning.

Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-212**Field Placement III****4 Credits**

In this placement, students consolidate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement the skill set of a Physical Therapist Assistant/Occupational Therapist Assistant, develop confidence, and collaborate interprofessionally. Students demonstrate accountability, responsibility and professional values. Students further develop clinical skills and attributes including reflection on practice and participation in ongoing learning.

Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223, and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-213**Therapeutic Interventions III: Language****5 Credits**

This course explores language intervention approaches. Students are introduced to therapy techniques appropriate to implementing treatment for language delays and acquired disorders with toddler, pre-school, school-aged and adult populations. Choosing age-appropriate materials and activities is practiced. Students acquire skills to document progress. This course encompasses strategies for working with clients one-on-one and in groups.

Prerequisites: PSYC 104, THAS 101, THAS 102, THAS, 104, THAS 115.

THAS-214**Therapeutic Interventions IV: Special Populations****4 Credits**

Students learn speech and language therapy techniques in order to provide communication intervention to a variety of special populations. Augmentative and alternate communication devices are reviewed. Students are also introduced to therapy approaches for adults with voice and fluency disorders.

Prerequisites: THAS 201 and THAS 202.

THAS-215**Fieldwork Placement II****5 Credits**

This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to language interventions. Students are required to practice in a self-reflective manner and participate in on-line seminars. Prerequisites: TAST 102, and a minimum grade of C- in THAS 213, THAS 214 and THAS 216.

THAS-216**Sign Language****2 Credits**

This course prepares students to use basic manual signing skills such as American Sign Language (ASL) and Signing Exact English (SEE) with clients who have hearing loss or are experiencing communication delays. The most important basic aspects of ASL and SEE that are appropriate for stimulating language development are covered.

THAS-220**Exercise in Physical Therapy****5 Credits**

Students apply focused therapeutic exercise and gait re-education in response to identified treatment goals in physical therapy environments. Techniques covered include range of motion, stretching, pool therapy, aerobic exercise, strengthening (including core stability), ergonomics and work evaluation, posture and gait, group exercise, and PNF (proprioceptive neuromuscular facilitation). The role of therapeutic exercise principles in the treatment of a variety of conditions and the use of exercise software in the formulation of exercise programs are covered. Emphasis is placed on the purpose, benefits, safe instruction, and progression of activities.

Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS-221**Modalities and Acute Care Interventions in Physical Therapy****4 Credits**

Students discuss and practice the use of electrotherapy and other commonly used rehabilitation modalities including heat, cold, ultrasound, laser, TENS, muscle stimulation, interferential current, traction, and compression therapy. The purposes, benefits, and contraindications of these modalities and their safe implementation are stressed. Students are introduced to the theory and practice of aspects of acute care rehabilitation interventions for pulmonary and post-surgical conditions.

Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS-222**Occupational Therapy in Mental Health****4 Credits**

The role of the Occupational Therapist Assistant is discussed and practiced in relation to occupational therapy services for persons with disorders in the psycho-emotional and socio-adaptive perspectives. Utilizing a client-centered approach, students practice the implementation of individual, family and group occupational engagement, addressing a variety of ages and disorders. Attention is given to provider and client safety issues. Information gathering, reporting and documentation are included.

Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS-223**Occupational Therapy in Physical Dysfunction****5 Credits**

Students apply occupational therapy interventions under the direction of an Occupational Therapist in the sensory motor, self care, productivity and leisure performance components. Environmental contexts are considered.

Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

TPPR-101**Applied Theatre History****3 Credits**

This course surveys the history of the theatre stage from early times to the late 20th-century. Students consider the influence of social movements, theatrical practices and stylistic features, types of décor and costuming in contemporary theatre productions. Research methods are introduced and students gain access to various information systems such as MacEwan and other library databases, catalogues, special collections and services, Internet resources and microforms as they study historical trends in a range of periods and geographic settings.

TPPR-102**Drafting and Model Making****2 Credits**

Students are introduced to drafting practices commonly used in theatre production including pencil drafting, line types, line weights, construction techniques, drawing layouts, orthographic projections, isometric drawings, floor plans, elevations and sections. Computer Assisted Drafting (CAD) is also introduced through hands-on projects that prepare stage plans, elevations and lighting plots. Additionally, students build to-scale models which allow students to see the relationship between two-dimensional drawings and the three-dimensional world. Scale modeling is used as an aid in solving problems encountered when attempting to draw scenic units and properties. The knowledge and skills gained by way of this course are foundational to other courses of study.

TPPR-103**Introduction to Technical Theatre****1 Credit**

This survey course introduces the production process, stage management, types of theatre, the structure and organization of staffing and professionalism in the discipline. The focus of the major course project is stage management and how to prepare a prompt-script, which is a document required to control any theatrical performance.

TPPR-104**Stagecraft I****2 Credits**

In this introductory course, students learn how to solve theatrical production challenges through the design and production of a variety of scenic elements. They learn how to plan layouts, select appropriate building materials for projects, and how to safely use hand and power tools including specialized jigs.

TPPR-105**Lighting I****2 Credits**

This course introduces students to the requirements, knowledge and practices necessary to be a lighting technician. The course also provides opportunity to practice the skills required of that position.

TPPR-106**Set Painting I****2 Credits**

This course is an introduction to the standard procedures, materials, equipment and safety considerations involved in the surface treatments of scenery. Students explore colour theory, paint and pigment, tools and application of surface treatments. Health and safety considerations and procedures in dealing with various paint products are introduced.

TPPR-107**Wardrobe I****2 Credits**

Class sessions balance topical lecture/demonstrations with in-class projects. Students are introduced to the skills necessary to build theatrical costumes. Topics include basic sewing skills, basic cutting, working with the costume designer, safety in the wardrobe, running a show, sources of information, basic fabric identification, fabric distressing and a survey of basic costuming applications.

TPPR-108**Rigging****1 Credit**

This course is an introduction to methods, materials and safe practices in rigging for the theatre and takes place in several different theatre venues.

TPPR-110**Audio I****2 Credits**

This course is designed to instruct first-year students in the field of basic audio production. The topics covered in this course include the physiology of hearing, identification of common audio components, preparation of sound effects and the basics of live sound reinforcement. The course emphasizes critical listening, problem solving and professional practice.

TPPR-111**Footings****5 Credits**

This course provides the student with the absolute minimum knowledge and skill necessary to function safely and effectively in the shop and backstage during the mounting of a production. Show, tell and do is our guideline and students should expect to observe, then practice all content offered in this course. There is material from all subject areas: audio, carpentry, painting, management, lights, props, etc. The student must successfully complete this course before participating in Practicum, or any shop (safety related) activities.

TPPR-117**Practicum I****3 Credits**

In the Theatre Production program, students learn by doing as members of production crews working together to mount shows at the campus theatre. Everyone gains experience in a variety of positions. For each production, students apply or bid for crew positions and are subsequently assigned duties and tasks. Students are directed, supervised and evaluated by professional directors and theatre designers. In this way, they gain hands-on experience, practice in the work standards and protocols of the profession and real-world exposure to the pressures of the fast-paced production environment. Safe work is emphasized.

TPPR-127**Practicum II****3 Credits**

Students are engaged in hands-on learning as members of a production crew working to mount a show. For each production, students bid or apply for crew positions and are assigned duties and tasks. Working with directors and designers from the professional theatre community, students experience the demands of a live theatre production. Each student is coached on professionalism, craft, design specifications and how to document the production.

Prerequisites: TPPR 117.

TPPR-203**Management****4 Credits**

This course presents the principles of production management and introduces the various techniques used by production managers, heads of departments and all members of the production team. Much of this course deals with working as a production team: organizing and scheduling work; working to communicate effectively; focusing on and monitoring the tasks to be done. These skills are introduced and discussed and then put into practice through Practicum.

Prerequisites: TPPR 103.

TPPR-204**Stagecraft II****2 Credits**

Students construct complex sets and scenery, applying specialized construction methods, techniques, tools and equipment. Safe work practices are emphasized.

Prerequisites: TPPR 104.

TPPR-205**Video and Projection Technology****3 Credits**

Projection of images has reshaped stage craft and theatre productions. In this course, students explore the tools of projection technology, production planning and visual editing and manipulation in hands-on projects. Learning is creative, conceptual and technical as students work with visual concepts that create mood, tone and setting.

Prerequisites: TPPR 105.

TPPR-206**Set Painting II****1 Credit**

Students explore challenging and difficult painting techniques commonly used in set production such as faux finish, texture, aging or distressing a material and dying. A creative touch is encouraged. Students focus on the quality standards of professional theatre which include planning, meeting deadlines, attention to detail and documentation of methods and materials.

Prerequisites: TPPR 106.

TPPR-207**Wardrobe II****2 Credits**

Students are introduced to period garment construction and intermediate-level sewing techniques. In order to discover creative approaches to costuming, students adapt a commercial pattern and experiment with various materials and techniques used in wardrobe construction. In addition, students study the principles of wardrobe management including stocking and maintaining a wardrobe collection, show budgeting and design analysis.

Prerequisites: TPPR 107.

TPPR-210**Audio II****2 Credits**

Students advance their skills as theatre audio technicians by practicing how to configure, setup, operate, and troubleshoot complex professional audio systems. Students also design, plan and produce audio recordings to support live performance. Advanced technical skills are developed to record and over-dub multi-track recordings, do complex sound-mixing and use digital audio effects processing for creative results.

Prerequisites: TPPR 110.

TPPR-212**Prop Making I****2 Credits**

Students use a variety of materials and building methods to construct stage props, which must be functional, durable and creatively constructed. The focus is on background research, attention to detail, quality workmanship and safe work standards.

TPPR-215**Lighting II****2 Credits**

This is an advanced course in theatrical lighting and control, building on skills and knowledge gained from TPPR 105. This course focuses on lighting design, computer control, intelligent lighting and the tools and methods used to manage a lighting department.

Prerequisites: TPPR 105.

TPPR-221**Technical Director****2 Credits**

Students examine the role of the Technical Director and focus on planning, creative problem solving and strategic thinking. The Analysis-Ideation-Implementation creative problem solving process is introduced and students practice techniques that enhance their communication and managerial-leadership skills. Students also begin to consider a career direction and search for employment opportunities.

Prerequisites: TPPR 204; TPPR 215.

TPPR-222**Prop Making II****1 Credit**

This project-based course provides in-depth practice in the planning and fabrication of stage properties. Students propose challenging projects and discuss design concepts, suitable materials and fabrication techniques with the instructor and then proceed to fabricate the property. Methods such as sculpturing, mold-making and modeling making are practiced. Problems that arise during planning and fabrication are resolved as the project progresses from concept to completion.

Prerequisites: TPPR 212.

TPPR-237**Practicum III****3 Credits**

Under the supervision of faculty and a director from the professional community, this practicum integrates theory and practice. Students 'bid' for crew or a department head position and then work with peers and staff to decide those positions. Each student contributes to a team effort in the mounting of productions. Attention to detail, communication skills, critical analysis and problem solving are emphasized.

Prerequisites: TPPR 127.

TPPR-247**Practicum IV****3 Credits**

This is the final course in the practicum series. Students take on leadership roles and they are encouraged to contribute to the creative effort and suggest innovations while they hone technical skills and work habits. Each student is expected to work more independently, ask for guidance as needed, monitor and protect personal safety, follow the production plan and schedule, and instruct junior crew members. Rotation in various production team positions is emphasized in order to broaden the students' experience.

Prerequisites: TPPR 237.

TRVL-110**Airline Fares and Scheduling Concepts****3 Credits**

This course is an introduction to the skills and knowledge required to research, plan and book domestic air travel. Students learn the airfare terms, codes, fare construction principles and fare application rules required to apply the appropriate fare to a traveller's air itinerary. This course is a prerequisite for all travel computer courses.

TRVL-115**Introduction to Travel and Tourism****3 Credits**

This course provides an overview of the tourism industry and sectors. Students learn the regulations, trade associations, definitions and terminology, and legal responsibilities related to travel and tourism. They examine the interrelationship of products and services to meet customer needs. Students are introduced to a wide range of career opportunities in the largest industry in the world.

TRVL-116**Destinations I****3 Credits**

In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries in North and South America, focusing on destinations preferred by Canadian travellers. Students also review and identify current events relevant to these destinations.

TRVL-120**Domestic Air Travel****3 Credits**

Students apply basic fare construction principles to an automated working environment. The focus is on North American travel itineraries and fares, and their application to standard airline documents. Students use a Global Distribution System (GDS), the Internet and third party software systems.

Prerequisites: OADM 101, TRVL 122.

TRVL-122**Introduction to Computerized Reservations****3 Credits**

This course offers hands-on experience with one of the leading GDS (Global Distribution Systems) used in the travel industry. The automated reservations system is introduced and used in making corporate and leisure travel arrangements. Students access information used in the daily operations of a travel agency.

Prerequisites: TRVL 110.

TRVL-125**Travel Products and Services****3 Credits**

This course develops the students' knowledge of leisure travel & tourism products and services. Students analyze travel packages, independent, inclusive, and escorted tours including booking procedures and costing. They study accommodations, ground transportation, travel insurance and the application of manuals, brochures and reference information.

Prerequisites: TRVL 115.

TRVL-126**Destinations II****3 Credits**

In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries and regions in Europe, Asia, and the South Pacific, focusing on destinations preferred by Canadian travellers. Students also examine current events relevant to these destinations.

Prerequisites: TRVL 116.

TRVL-230**International Air Travel****3 Credits**

This course focuses on the skills necessary to research, plan and book international air travel and itineraries in an automated environment. Students use the Global Distribution System (GDS), the Internet and third party software programs to research prices, routings and immigration regulations for international travel.

Prerequisites: TRVL 120, TRVL 125, and TRVL 126.

TRVL-232**Selling Travel Products and Services****3 Credits**

This introductory sales course is designed to acquaint students with the principles of modern selling techniques as they apply to the travel industry. It enables students to recognize and apply the theories of effective personal selling techniques in an ethical and professional manner.

Prerequisites: ENGL 211.

TRVL-233**Travel Accounting****3 Credits**

This course introduces students to the basic terminology, concepts and principles of accounting. Emphasis is on the practical skills required in an automated travel industry environment. Students process payments and prepare documents, analyze reports, and maintain customer data for marketing purposes.

Prerequisites: TRVL 120.

TRVL-235**Travel Industry Study Tour****3 Credits**

Students have the opportunity to take an out-of-country/out-of-province field study tour. In advance of the tour, students attend lectures and complete pre-tour research. During the field study, students visit airports, hotels and resorts, cruise ships (where practical) and major tourist attractions. Students put into practice the elements of travel they have studied in the program, establish relationships with tourism companies, and develop a deeper understanding of the customs and culture of the destination. Restricted to Travel students.

Prerequisites: TRVL 120, TRVL 125, TRVL 126

TRVL-236**Destinations III****3 Credits**

This course is an overview of adventure and exotic world destinations including India, the Middle East, Africa, Antarctica and other regions. Students study the unique features, culture and customs, climate, topography and geography of these destinations. Emphasis is on adventure and exotic experiences that travellers are seeking.

Prerequisites: TRVL 126.

TRVL-241**Selling and Marketing Travel****3 Credits**

This is an advanced sales course designed to reinforce the principles of modern selling techniques and the application of these to everyday sales situations in the travel industry. Students are also introduced to basic planning and marketing situations that they may encounter in a work environment.

Prerequisites: TRVL 125, TRVL 232

TRVL-242**Advanced Computer Reservations****3 Credits**

This is an advanced application course in the use of the Global Distribution Systems (GDS), third party software and practical application of the Internet. Students practice complex tasks needed to become proficient in car and hotel bookings, tour and cruise bookings and corporate Passenger Name Records (PNRs). This final industry computer course ensures that current computer and software enhancements are covered.

Prerequisites: TRVL 230, TRVL 232, TRVL 233, and TRVL 236.

TRVL-243**Tourism Industry Suppliers****3 Credits**

This course provides students with the current product knowledge and industry contacts to begin their careers. Industry supplier presentations ensure the student are current with industry trends and allows the opportunity for personal networking. Students research the leading travel suppliers, niche tourism markets, and analyze various products.

Prerequisites: TRVL 230, TRVL 232, TRVL 233, TRVL 236.

TRVL-244**Practicum****5 Credits**

Through this work placement, students gain experience in the various responsibilities of a travel professional. Supervised by an industry specialist, students practice the technical procedures, customer service and sales skills in demand by employers.

Prerequisites: TRVL 230, TRVL 241, TRVL 233, TRVL 236.

TRVL-245**The Cruise Market****3 Credits**

This course focuses on the cruise industry and its importance as a major component in both the vacation and incentive travel markets. Students study the cruise product, cruise lines, classifications, types of cruises and discover what attracts travellers to cruising. They become familiar with standard industry references such as the Cruise Lines International Association Cruise Manual and other current reference material.

Prerequisites: TRVL 125, TRVL 236.

VCPH-100**Digital Photography****3 Credits**

Students create original photo-based images using a digital single lens reflex (DSLR) camera, imaging software, and printing technology. As students explore the fundamentals of image composition and the operation of a DSLR, they capture, manipulate, edit, archive and print digital images.

ZOOL-224**Vertebrate Adaptations and Evolution****3 Credits**

This course provides a comprehensive introduction to the diversity of vertebrates using an evolutionary approach. Morphological, physiological, and behavioural adaptations are related to the life of vertebrates in aquatic and terrestrial habitats are emphasized. **Note:** ZOOL 224 in combination with ZOOL 324 (Comparative Vertebrate Anatomy) provides a strong understanding of vertebrate biology.

Prerequisites: Minimum grade of C- in BIOL 108.

ZOOL-241**Animal Physiology I****3 Credits**

This course is a survey of physiological systems in animals with an emphasis on homeostatic mechanisms that regulate internal water and ions, gases, metabolic rate, and temperature in relation to the external environment. Physiological systems from both invertebrates and vertebrates are studied.

Prerequisites: Minimum grade of C- in BIOL 107.

ZOOL-242**Animal Physiology II****3 Credits**

This course deals with the physiological systems of animals that involve intercellular communication. Focus is on the endocrine, neural, sensory, motor, and immune systems. Examples from both invertebrate and vertebrate animals are used.

Prerequisites: Minimum grade of C- in BIOL 107.

ZOOL-250**Survey of the Invertebrates****3 Credits**

This course explores the evolution and ecological roles of major invertebrate phyla. The diversity of body forms and life histories of invertebrates and protozoans are discussed. Various ecological niches of invertebrates are related to functional anatomy. The laboratory displays the diversity and functional anatomy of invertebrates using live and preserved specimens and includes an optional field trip to a coastal area.

Prerequisites: Minimum grade of C- in BIOL 108.

ZOOL-324**Comparative Anatomy of Vertebrates****3 Credits**

This course provides a comparative survey of the anatomy of vertebrates emphasizing evolutionary trends and anatomical adaptations for life in aquatic and terrestrial habitats. Special emphasis will be placed on fish and mammals. The laboratory involves detailed dissection of vertebrate specimens. **Note:** credit can only be obtained in one of ZOOL 225 or ZOOL 324.

Prerequisites: Minimum grade of C- in ZOOL 224.

ZOOL-400**Aquatic Vertebrates****3 Credits**

This course examines the evolution and ecology of fish, amphibians, birds, reptiles, and mammals in aquatic habitats. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature on ecological and environmental issues of aquatic vertebrates.

Prerequisites: Minimum grade of C- in ZOOL 224 or ZOOL 225.

ZOOL-401**Terrestrial Vertebrates****3 Credits**

This course examines the evolution and ecology of amphibians, birds, reptiles, and mammals in terrestrial environments. Topics include behavioural, morphological, and physiological adaptations to changing terrestrial conditions. Students summarize, interpret, and present scientific literature on ecological and environmental issues of terrestrial vertebrates. The laboratory focuses on native species.

Prerequisites: Minimum grade of C- in ZOOL 224 or ZOOL 225.

ZOOL-425**Introductory Entomology****3 Credits**

Insects are the most successful animals on Earth. This course examines their evolutionary history and the adaptations that have led to their success. Insect morphological features are examined as they relate to lifecycle, behaviours, and ecology to explain how insects can be dominant in diverse ecological situations. The economic impact of insects is examined. The laboratory emphasizes methods of collecting, preparing, and identifying insect groups.

Prerequisites: Minimum grade of C- in ZOOL 250.

ZOOL-452**Principles of Parasitism****3 Credits**

Using an ecological approach, this course examines the relationships between protozoan, helminth, nematode, acanthocephalan, and arthropod parasites and their animal hosts. The structural and physiological adaptations used by parasites to successfully complete their lifecycles as well as host defensive strategies used to control parasite infections are discussed. Examples of human parasitic infections are used to illustrate these ideas. The laboratory emphasizes morphology, life cycles, behaviour, systematics and evolution of parasites.

Prerequisites: Minimum grade of C- in ZOOL 250.

