

BACHELOR OF SCIENCE MATHEMATICS MAJOR 2013/14 Academic Year	
REQUIRED JUNIOR LEVEL COURSES ¹	9 CREDITS
 MATH 114: Elementary Calculus I² MATH 115: Elementary Calculus II MATH 120: Basic Linear Algebra I or MATH 125: Linear Algebra I 	
REQUIRED SENIOR LEVEL COURSES	18 CREDITS
15 CREDITS MATH 214: Intermediate Calculus I MATH 215: Intermediate Calculus II MATH 225: Linear Algebra II MATH 310: Real Analysis MATH 330: Ordinary Differential Equations 3 CREDITS MATH 200: Fundamental Concepts of Mathematics OR MATH 241: Geometry	
GENERAL SENIOR LEVEL COURSES	24 CREDITS
GENERAL SENIOR LEVEL COURSES Within the 24 credits required to meet this major's general requirements, a minimum of 6	

IMPORTANT PLANNING NOTES

- 1. These courses can be used to satisfy core requirements in the Bachelor of Science degree. Additional prerequisites may be required for other courses in this major.
- 2. This requirement can also be met with MATH 113, which was previously offered at MacEwan University.
- 3. Students may take **MATH 495** for credit a maximum of two times, as long as the course topic is different each time they take it.
- 4. MATH 495 is not listed in the MacEwan University Academic Calendar, but it is scheduled for the 2013/14 academic year.

This planning sheet should be used only as a **guide** for course planning and it should be used in conjunction with the Bachelor of Science Degree Planner. Remember: not all courses listed are offered each year and course offerings are subject to change. In the event of a discrepancy between the information presented on this sheet and that available on myStudentSystem, the information on myStudentSystem will be considered accurate.