

**BACHELOR OF SCIENCE
EARTH AND PLANETARY SCIENCES MINOR**

2013/14 Academic Year

REQUIRED JUNIOR LEVEL COURSES¹	6 CREDITS
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Choose two of:

- EASC 101: Introduction to Physical Earth Science
- EASC 102: Environmental Earth Science²
- EASC 103: Historical Geology² [WINTER]

GENERAL SENIOR LEVEL COURSES³	18 CREDITS
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A minimum of six credits must be completed at the 300- or 400-level.

EARTH AND PLANETARY SCIENCE COURSES

- EASC 206: Geology of the Solar System [FALL]
- EASC 208: Introduction to Global Change [FALL]
- EASC 209: Geology of Western Canada [WINTER]
- EASC 219: Mineralogy [ODD FALL]
- EASC 221: Introduction to GIS and Remote Sensing [WINTER]
- EASC 225: Introduction to Geomorphology [FALL]
- EASC 226: Soil Science [FALL]
- EASC 230: Invertebrate Paleontology [FALL]
- EASC 238: Geology of Natural Resources [WINTER]
- EASC 270: The Atmosphere [WINTER]
- EASC 294: Resources and the Environment [EVEN FALL]
- EASC 320: Introduction to Geochemistry [NOT OFFERED 2013-14]
- EASC 321: Structural Geology [NOT OFFERED 2013-14]
- EASC 324: Quaternary Environments [WINTER]
- EASC 334: Planetary Surface Imaging [FALL]
- EASC 373: Anthropogenic Global Warming [ODD WINTER]
- EASC 374: Sustainable Energy Development [EVEN WINTER]
- EASC 375: Paleoclimatology [NOT OFFERED 2013-14]
- EASC 495: Special Topics in Earth and Planetary Science⁴ [NOT OFFERED 2013-14]
- EASC 498: Independent Research⁴ [FALL/WINTER]

IMPORTANT PLANNING NOTES

1. The six credits students choose to fulfill their junior level prerequisite requirements a Bachelor of Science or Bachelor of Arts degree's core requirements.
2. Students who are interested in senior level weather and climate studies should take **EASC 102**. Students who wish to pursue geology or planetary studies should take **EASC 103**.
3. Arts students who choose an Earth and Planetary Sciences minor must comply with Bachelor of Science minor residency requirements. Science minors must complete a minimum of nine senior level MacEwan credits, including a minimum of three credits at the 300- or 400-level.
4. Students may take both **EASC 495** and **EASC 498** for credit a maximum of two times, as long as the course topic is different each time they take the course.

*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.*