



**MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE in EARTH SCIENCE**

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

**BIOLOGY (2 courses • 8 hours)**

- BIOL \_\_\_\_\_
- BIOL \_\_\_\_\_

**CHEMISTRY or PHYSICS (2 courses • 8 hours)**

- CHEM \_\_\_\_\_
- CHEM \_\_\_\_\_
- or—
- PHYS \_\_\_\_\_
- PHYS \_\_\_\_\_

**ASTRONOMY (1 course • 4 hours)**

- ASTR 2003/2001L Survey of the Universe

**MATHEMATICS (1 course • 3-4 hours)**

- MATH 2043 Survey of Calculus
- MATH 2053 Finite Mathematics
- MATH 2183 Mathematical Reasoning
- MATH 2554 Calculus I

**a WORLD LANGUAGE at the Elementary**

**II (1013) level or higher ( hours)**

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**GEOLOGY (6 courses • 21 hours)**

- GEOS 1113/1111L Physical Geology
- GEOS 1133/1131L Earth Science
- GEOS 2313 Mineralogy and Petrology
- GEOS 3413 Sedimentary Geology
- GEOS 4033 Hydrogeology
- GEOS 4924 Earth System History

**GEOGRAPHY (3 courses • 9 hours)**

- GEOS 3023 Intro to Cartography
- GEOS 3043 Sustaining Earth
  
- GEOS 4353 Meteorology
- or**
- GEOS 4363 Climatology

**GEOSCIENCES ELECTIVES numbered 3000 or higher (6 hours minimum)**

- GEOS \_\_\_\_\_
- GEOS \_\_\_\_\_

**EARTH SCIENCE WRITING REQUIREMENT**

- Satisfied by a paper in a GEOS course numbered 3000 or higher or by completing an honors thesis.