### FULBRIGHT COLLEGE OF ARTS AND SCIENCES

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

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

<table>
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<th>Course Requirement</th>
<th>Courses</th>
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| **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 |
| **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  
—or—  
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. |

Six (6) hours of a single WORLD LANGUAGE at the Elementary II (1013) level or higher (6 hours)

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- ____________