

2025-2026 Academic Year

Requirements Effective Fall 2025

Min. Grad. Req: 120 Hrs., 30 UD Hrs., 2.0 GPA Institutional & Cumulative

Reviewed by: _____

Date: _____

(B.A.) EARTH AND SPACE SCIENCE

Name & Student ID #

Expected Graduation Date:

General Education Requirements

- 3 THEO 110 Intro to Christianity
- 3 BLIT 210 Christian Scriptures
- 3 CMIN 310 Christian Living
- 2-3 Approved Stewardship Course* _____
- 3 ENGL 109 College Writing I
- 3 ENGL 210 College Writing II (APA)
- 3 COMM 105 Fundamentals of Communication
- 3 HIST 200 Western Civilization
- 3 Approved Social Science Course* _____
- 6 Approved Humanities Courses*
- Select 3 hours from two different areas:**
Fine Arts, Literature, Philosophy, or SPAN 212
- 8 Elementary Foreign Language I & II (SPAN 111/112 or FREN 101/102)
- 3 MATH 103, MATH 112, or higher math _____
- 3-4 BIOL 105 Biology and the Global Citizen **OR**
approved biological science course* _____

Major: 30 Hours (2.0 GPA Required)

- 4 ESS 105 The Dynamic Earth (GER:PHYS SCI)
- 4 ESS 150 Planetary Astronomy (GER:PHYS SCI)
- 3 ESS 200 Earth's Natural History
- 0.5-2 ESS 390 Seminar in ESS (each year)
_____ Year 1 _____ Year 2
_____ Year 3 _____ Year 4

Additional Requirements

Complete remaining credits from the following (17-18.5 Hours):

- 3 ESS 109 The Earth's Oceans and Atmosphere
- 4 ESS 151 Stellar Galactic Astronomy (GER: PHYS SCI)
- 2-3 ESS 191 Southwest Parks
- 1 ESS 201 Sedimentary Rocks Lab
- 4 ESS 302 Mineral Science
- 3 ESS 332 Water Resource Issues (GER: STWD)
- 4 ESS 357 The Rock Cycle/Ore Deposits
- 4 ESS 366 Geologic Structures and Tectonics
- 3 ESS 370 Science in Society
- 3 ESS 380 Science in Dialogue with Theology
- 4 ESS 385 Earth & Environmental Chemistry
- 2-3 ESS 391 Geology of the Hawaiian Islands
- 3 GEOG 222 Earth's Landscapes / Natural Hazards
- 3 GEOG 340 Global Natural Resources
- 3 GEOG 360 GIS/GPS

Recommended Supporting Courses:

- 3 BIOL 215 Environmental Science & Society (GER: BIOL SCI)
- 4 CHEM 103 General Chemistry I (GER: PHYS SCI)
- 3 ECON 110 Principles of Economics (GER: SOC SCI)
- 3 MATH 120 Intro to Statistics (GER: MATH)
- 4 MATH 131 Algebra & Trigonometry (GER: MATH)
- 3 SSCI 302 Global Geographic Issues

- * See olivet.edu/registrar for an approved list of courses
- Students completing a minor must complete a minimum of 6 unique hours between major and minor.
- Students pursuing a double major or greater must complete a minimum of 20 unique hours (excludes supporting courses)

*Students interested in pursuing careers in **Planetarium and Museum Studies, Science Outreach & Communication, or Creation Care** should refer to the University Catalog for recommended coursework.*