

EARTH SCIENCE

College of Science and Health
Bachelor of Arts: **EARTH SCIENCE**

GE Requirements

1. Freshman Seminar
 - WPU 101 Freshman Seminar
2. Arts & Communication
 - Complete 2 courses from the following:
 - ARTH 101 Approaches to Visual Art
 - ARTH 201 Approaches to Modern Art
 - COMM 101 Intro to Theatre
 - COMM 110 Communication in Action
 - MUS 120 Music Appreciation
3. Humanities
 - Complete the following 7 requirements:
 - ENG 110 Writing Effective Prose
 - ENG 150 Intro to Literature
 - HIST 101 Foundations of Western Civ
 - HIST 102 The West and The Modern World
 - PHIL 110 Intro to Philosophy
 - FOREIGN LANGUAGE 6 credits
4. Math/Science
 - See Major Courses. All Courses Are Directed (**req.**)
5. Social Science
 - Complete 3 courses from the following:
 - ANTH 130 Intro to Anthropology
 - ECON 201 Macroeconomics (**required**)
 - GEO 150 World Regional Geography
 - POL 110 Intro to Politics
 - POL 120 American Government
 - PSY 110 General Psychology
6. Health/Movement Science
 - Complete 1 of the following:
 - SOC 101 Principals of Sociology
 - SOC 102 Social Problems
 - No more then one course per discipline
 - ED majors need PSY 110
6. Health/Movement Science
 - Complete 1 of the following:
 - PBHL 120 Current Health Issues
 - PBHL 200 Active Lifestyles for Health
 - PEGE 150 Fitness for Life
 - PEGE 200 Active Lifestyles for Health
7. Racism & Sexism
 - Complete 1 of the following:
 - AACS 150 Racism & Sexism in the US
 - AACS 155 Justice & Racism
 - WS 110 Women's Changing Roles
 - WS 150 Racism & Sexism in the US
8. General Education Elective
 - Complete 2 courses from the General Ed. List
Excluding Major Courses
9. Non-Western
 - Complete 1 course from the Non-Western List
10. Upper Level Elective
 - Complete 3 courses
 - Any course 200 level or above
 - Excluding major and professional education courses

EARTH SCIENCE: minimum of 40 - 42 credits and a grade point average of 2.000 must be earned in this major to graduate.

CORE COURSES

- ENV 115 General Geology
- ENV 220 Earth Through Time
- ENV 250 Meteorology
- PHYS 170 General Astronomy
- ENV 216 Oceanography
- ENV 305 Mineralogy & Petrology

MAJOR CO-REQUIREMENTS

- MATH 116 Pre-Calculus **or**
- MATH 135 Algebra Trigonometry & Functions **AND**
- MATH 230 Statistics

MAJOR EARTH SCIENCE ELECTIVES

- GEO 160 Physical Geography
- ENV 301 Field Experience
- ENV 327 Geomorphology
- ENV 375 Soils in the Environment
- ENV 470 Hydrogeology
- GEO 401 Cartography
- GEO 403 Geographic Information Systems
- ENV 399 Special Topics

HIGHLY RECOMMENDED:

- CS 130 Introduction to Computers/BASIC **or**
- CS 201 Computer Lit; Micro Applications

- For students planning to go on to graduate school or professional careers as geoscientists, the General Physics I/II and General Chemistry I/II sequence are **highly recommended**. These students are also encouraged to take **both** MATH 230 Statistics I, as well as MATH 201 Calculus II.
- Students who plan to pursue graduate studies in an Earth Science should seriously consider taking an appropriate field course. Many field courses are available at universities throughout the country and abroad, and information about them can be obtained from a member of the faculty. These courses customarily carry between 3 and 6 credits and are conducted during the summer months.