

# Bachelor of Arts Degree Earth Science 2005-2006

## Department of Geology

303 Beury Hall (215) 204-7172

Chairperson: Dr. David Grandstaff

Faculty Advisor: Dr. Jonathan Nyquist

[www.temple.edu/geology](http://www.temple.edu/geology)

- 123 credits, 90 of which must be in CST/CLA courses
- 45 credits must be upper level (UL) coursework in either CST/CLA or UL course(s) that can be credited towards the major or declared 2nd major/minor chosen in consultation with an advisor.
- Appropriate Core Curriculum requirements:
  - Traditional  Core 45  Core to Core
- Minimum of 2 courses numbered 100 or above in the College of Liberal Arts (CLA)  \_\_\_\_\_  \_\_\_\_\_
- The following requirements for the Earth Science Major:

*Math Sequence 0045 > C073 > C074 > C085 > 0086*

### First Year

- College Math (C055) **or** Calc I (Math C085 or H095)
- Intro to Chem I with Lab (C061/C063) **or** General Chem I with Lab (Chem C071/C073,
- Introduction to Geology (Geo C050)

### Second, Third and Fourth Years

- Environmental Seminar (Geology W381 or H391) (Must be taken at Temple)
- Choose 3 of the following 5:
  - Geology 0201, 0210, 0211, 0212 & 0261
- Mineralogy I (Geology 0201)
- Introduction to Hydrology (Geology 0210)
- Facies Model (Geology 0211)
- Paleontology & Stratigraphy (Geology 0212)
- Introduction to Geochemistry (Geology 0261)

Choose five courses from the following list. No more than 3 from one department. Three must be numbered 100+:

- Anthropology 0124, 0125, 0248, 0280
- Biology C083, C084, W237, 0241
- Chemistry C062/4 or C072/4, 0121/3, 0122/4
- Geology 0310
- Geography and Urban Studies 0254, 0257, 0260, 0262
- Physics C087 or 0121, C088 or 0122

Check the *Course Description Guide* for prerequisite and/or corequisite structure in math & science departments.

### Traditional Core

For students starting as freshman or transferring with fewer than 45 credits.

- English C050 \_\_\_\_\_
- American Culture \_\_\_\_\_
- The Arts \_\_\_\_\_
- Individual and Society \_\_\_\_\_
- Studies in Race \_\_\_\_\_
- Foreign Language 2<sup>nd</sup> level \_\_\_\_\_\*
- Foreign Language 3<sup>rd</sup> level \_\_\_\_\_\*
- International Studies \_\_\_\_\_\*
- International Studies (non western) \_\_\_\_\_\*
- Science and Technology (SA) \_\_\_\_\_
- Science and Technology (SB) \_\_\_\_\_
- Quantitative Reasoning (QA) \_\_\_\_\_
- Quantitative Reasoning (QB) \_\_\_\_\_
- Intellectual Heritage X051 \_\_\_\_\_
- Intellectual Heritage X052 \_\_\_\_\_
- Writing Intensive Elective \_\_\_\_\_
- Writing Intensive Elective (Must be taken at Temple) \_\_\_\_\_
- Writing Intensive in Major (Must be taken at Temple) \_\_\_\_\_

#### \* B.A.

- 2<sup>nd</sup> level of a language + 2 IS (1 non western) or
- 3<sup>rd</sup> level/ Exempt<sup>^</sup> + 1 IS

### Core 45 +

For students receiving 45 credits or more in transfer.

- English C050 \_\_\_\_\_
- American Culture \_\_\_\_\_
- The Arts \_\_\_\_\_
- Individual and Society \_\_\_\_\_ } 2 of the 3
- Studies in Race \_\_\_\_\_
- Science and Technology (SA or SB) \_\_\_\_\_
- Quantitative Reasoning (QA or QB) \_\_\_\_\_
- Intellectual Heritage X051 or X052 \_\_\_\_\_
- Writing Intensive Elective (Must be taken at Temple) \_\_\_\_\_
- Writing Intensive in Major (Must be taken at Temple) \_\_\_\_\_
- Foreign Language \_\_\_\_\_
- International Studies \_\_\_\_\_
- International Studies (non western) \_\_\_\_\_

#### \* B.A.

- 2<sup>nd</sup> level of a language + 2 IS (1 non western) or
- 3<sup>rd</sup> level/ Exempt<sup>^</sup> + 1 IS

### Core to Core

For students who have completed an approved Associate's degree from a college that has an established transfer agreement with Temple.

B.A. follow traditional core foreign language/IS requirement

- Writing Intensive Elective (Must be taken at Temple) \_\_\_\_\_
- Writing Intensive in Major (Must be taken at Temple) \_\_\_\_\_

Library Skills (TILT) [www.library.temple.edu](http://www.library.temple.edu)  
(Must be taken in order to graduate)