

# Bachelor of Arts Degree — Earth Science 2003-04

## Department of Geology

303 Beury Hall (215) 204-7172

**Chairperson:** Dr. George Myer

**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 coursework in CST/CLA
- Appropriate Core Curriculum requirements
  - Traditional  Core 45  Core to Core:
- Minimum of two courses numbered 100 or above in the College of Liberal Arts  \_\_\_\_\_  \_\_\_\_\_
- The following requirements for the Major:

[Math Sequence: 0015 > 0045 > C073 > C074 > C075/C085 > 0076/0086]

### First Year

- College Math (C055) or Calc I (Math C075 or C085 or H095)
- Intro to Chem I with Lab (Chem C071/C073, C061/C063 or C081/C083)
- Introduction to Geology (Geo C050)

### Second, Third and Fourth Years

- Environmental Seminar (Geology W381 or H391) (Must be taken at Temple)
- Mineralogy (Geology 201)
- Introduction to Hydrology (Geology 210)
- Facies Model (Geology 211)

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

- Anthropology 124, 125, 248, 280
- Biology 83, 84, W237, 241
- Chemistry 62/4 or 72/4, 121/3, 122/4
- Geology 212, 261, 310
- Geography and Urban Studies 254, 257, 260, 262,
- Physics 87 or 121, 88 or 122

Check the **Course Description Guide** for prerequisite structure in science departments.

## Traditional Core

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

- English 50 \_\_\_\_\_
- 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 Level 1 \_\_\_\_\_
- Science and Technology Level 2 \_\_\_\_\_
- Quantitative Reasoning Level 1 \_\_\_\_\_
- Quantitative Reasoning Level 2 \_\_\_\_\_
- 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^ + 1 IS

## Core 45 +

For students receiving 45 credits or more in transfer.

- English 50 \_\_\_\_\_
- American Culture \_\_\_\_\_
- The Arts \_\_\_\_\_
- Individual and Society \_\_\_\_\_ } 2 of the 3
- Studies in Race \_\_\_\_\_
- Science and Technology Level \_\_\_\_\_
- Quantitative Reasoning Level \_\_\_\_\_
- Intellectual Heritage X051 or X052 \_\_\_\_\_
- Writing Intensive Elective (Must be taken at Temple) \_\_\_\_\_
- Writing Intensive in Major (Must be taken at Temple) \_\_\_\_\_
- Foreign Language 2<sup>nd</sup> level• \_\_\_\_\_
- Foreign Language 3<sup>rd</sup> level• \_\_\_\_\_
- 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^ + 1 IS

## Core to Core

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

**B.A.** follow traditional core/ IS requirement

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

^ If English is your second language, speak with an advisor about possible exemption.