### Bachelor of Arts

**Recommended Sequence of Major Courses:**

- General Chemistry I: Chem 1031
- General Chemistry I Lab: Chem 1033
- Diff & Integral Calc: Math 1031 OR Calculus I: Math 1041
- General Chemistry II: Chem 1032
- General Chemistry II Lab: Chem 1034
- Calculus II: Math 1042 (required if Math 1041 taken)
- General Biology I: Bio 1011
- Intro to Geology: EES 1001 OR Physical Geology: EES 2001
- General Biology II: Bio 1012
- Technical Writing: English 2696
- Science Elective *
- Introduction to General Physics I: Physics 1021
- Perspectives on Science & Mathematics: Philosophy 2196
- Science Elective *
- Introduction to Astronomy: Physics 1004
- Introduction to General Physics II: Physics 1022
- Make an Appointment for a Graduation Review
- Science Elective *
- Paradigms of Scientific Knowledge: CST 4351 OR Research Methods: Bio/Chem/EES/Physics 3091
- Science Elective *

**CST College Requirements:**

- Upper Level Liberal Arts course (2000+)
- Upper Level Liberal Arts course (2000+)

### Curriculum:

This major provides students with more breadth than traditional science programs and is appropriate for students planning study or careers in an interdisciplinary area, as well as students preparing for careers in health sciences, legal professions, science education, science-related business, or social service. This major will **not** prepare students for graduate study in a traditional science discipline nor will it prepare students for technical employment in a traditional science discipline.

**Concentration:**

*The four science electives must be upper-level courses from the same department (Bio, Chem, EES or Physics). The Research Methods course must be from the same department as well.*

**Comprehensive Exam:**

Students must schedule the comprehensive exam with the Natural Science Program Director in their final semester.

### Placement:

- **Math:**
- **English:**
- **FL:**

### Notes:

- **F** = Fall Only **S** = Spring Only
- Please check all pre- and co-requisites for courses before registering.
- *Refer to the Undergraduate Bulletin for elective course options.*
- The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.
## Appropriate University Curriculum:

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<tr>
<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
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### Gen Ed Traditional:
- Analytical Reading & Writing: Eng 0802
- Mosaic I: Intel Heritage 0851
- Mosaic II: Intel Heritage 0852
- US Society
- Human Behavior
- Arts
- Diversity and Race
- Global/World Society
- Quantitative Literacy
- Science and Technology
- Science and Technology

** may be waived based on major courses

### Gen Ed-to-Gen Ed:
Transfer students with a pre-approved Associate's degree from an institution that has an established transfer agreement with Temple have satisfied their GenEd requirements, with the following exception for BA students:

** Bachelor of Arts (BA) Only**
- 2nd level of a Language

### Gen Ed online:
- [www.temple.edu/gened](http://www.temple.edu/gened)
- [www.temple.edu/vpus/transfer/TransferGenEd.htm](http://www.temple.edu/vpus/transfer/TransferGenEd.htm)

### University Core:
Students who were admitted as freshmen prior to fall 2008, or were admitted as transfers prior to fall 2010, follow the University Core curriculum instead of the Gen Ed curriculum.

### Undergraduate Bulletin:
The Undergraduate Bulletin is the official reference for University Requirements at: [www.temple.edu/bulletin](http://www.temple.edu/bulletin).

### Note:
No more than two courses from the same department may be used to satisfy GenEd requirements. GenEd courses may not be used to satisfy major requirements.

### Note:
Students must complete at least 2 Writing-Intensive (WI) courses within the major, to be taken at Temple. These must be specific courses or course combinations within the major, or electives required for the major. These courses must be taken at Temple University. Writing-Intensive courses are numbered XX96, XX97, or XX98.