Natural Science

Program Director:  
Dr. Susan Varnum  
Office Location and Number TBD  
www.temple.edu/cst

CST Credit Requirements:  
123 minimum total credits  
90 minimum CST/CLA credits  
45 minimum upper-level (2000+) CST/CLA credits

Backtracking rule: Credit for some courses two or more levels below previously completed coursework cannot be used towards the degree.

Name:  
TUID:

**Bachelor of Arts**

### Recommended Sequence of Major Courses:

- General Chemistry I: Chem 1031 or 1951
- General Chemistry I Lab: Chem 1033 or 1953
- Diff/Integ Calc: Math 1031 OR Calc I: Math 1038* or 1041 or 1941
- General Chemistry II: Chem 1032 or 1952
- General Chemistry II Lab: Chem 1034 or 1954
- Calculus II: Math 1042 or 1942 (not required if Math 1031 is taken)
- Biology I: Bio 1011F or 1111 or 1911
- Physical Geology: EES 2001
- Biology II: Bio 1012S or 2112 or 2912
- Technical Writing: English 2696
- Science Elective **: __________
- Physics I: Physics 1021 or 1061 or 2021 or 2921
- Perspectives on Science & Mathematics: Philosophy 2196 OR History of Science: SCTC 3001
- Science Elective **: __________
- Physics II: Physics 1022 or 1062 or 2022 or 2922
- Make an Appointment for a Graduation Review
- Introduction to Astronomy: Physics 1004F
- Science Elective **: __________
- Paradigms of Scientific Knowledge: SCTC 4351S 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 same department as well.**

### Comprehensive Exam:

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

### Placement:

- **Math:**  
  - Notes:  
  - Suggested Courses:  
  - Notes:  

- **English:**  
  - Notes:  
  - Suggested Courses:  
  - Notes:  

- **FL:**  
  - Notes:  
  - Suggested Courses:  
  - Notes:  

### Notes:

- Please check all pre- and co-requisites before registering.
- * Students who choose Math 1038 must also take the corresponding section of the linked course Math 1039
- ** Refer to the Undergraduate Bulletin for elective course options
- *** Students who take SCTC 3001 must take 1 Science Elective as Writing Intensive

The Undergraduate Bulletin is the official source for major requirements: [http://bulletin.temple.edu](http://bulletin.temple.edu)

**Office Use Only:** CR Path________________ Test Codes Added/Removed________________
### Appropriate University Curriculum:

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#### Gen Ed Traditional:
- ☐ Analytical Reading & Writing: Eng 0802
- ☐ Mosaic I: Intel Heritage (IH) 0851
- ☐ Mosaic II: Intel Heritage (IH) 0852
- ☐ US Society (GU)
- ☐ Human Behavior (GB)
- ☐ Arts (GA)
- ☐ Diversity and Race (GD)
- ☐ Global/World Society (GG)
- ☐ Quantitative Literacy (GQ)**
- ☐ Science and Technology (GS)**

** may be waived based on major courses

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

#### 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**
- ☐ 2® level of a Language

#### Gen Ed online:
- www.temple.edu/gened
- 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:
- http://bulletin.temple.edu

**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.

| Date: __________ | Date: __________ |
| Advisor: __________ | Advisor: __________ |
| Student: __________ | Student: __________ |
| Date: __________ | Date: __________ |
| Advisor: __________ | Advisor: __________ |
| Student: __________ | Student: __________ |

**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.