### Biology

<table>
<thead>
<tr>
<th>Department of Biology</th>
<th>CST Credit Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>255 Bio-Life Building 215-204-8851</td>
<td><strong>123</strong> minimum total credits</td>
</tr>
<tr>
<td>Chairperson: Dr. Allen Nicholson</td>
<td><strong>90</strong> minimum CST/CLA credits</td>
</tr>
<tr>
<td>Faculty Advisor: (A-M) Dr. Joel Sheffield</td>
<td><strong>45</strong> minimum upper-level (2000+) CST/CLA credits</td>
</tr>
<tr>
<td>Faculty Advisor: (N-Z) Prof. Evelyn Vleck</td>
<td><strong>Backtracking rule:</strong> Credit for courses 2 or more levels below previously completed coursework cannot be used towards the degree.</td>
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</tbody>
</table>

www.temple.edu/biology

### CST Credit Requirements:

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

**Backtracking rule:** Credit for courses 2 or more levels below previously completed coursework cannot be used towards the degree.

### Bachelor of Arts

**Recommended Sequence of Major Courses:**

- General Chemistry I: Chem 1031 _______
- General Chemistry Lab I: Chem 1033 _______
- Calculus I: Math 1041 _______
- Intro to Biology I: Bio 1111 _______
- General Chemistry II: Chem 1032 _______
- General Chemistry Lab II: Chem 1034 _______
- Calculus II: Math 1042 _______
- Intro to Biology II: Bio 2112 _______
- Organic Chemistry I: Chem 2201 _______
- Organic Chemistry Lab I: Chem 2203 _______
- Genetics: Bio 2296s _______
- Organic Chemistry II: Chem 2202 _______
- Organic Chemistry Lab II: Chem 2204 _______
- Cell Structure: Bio 3096f _______
- General Physics I: Physics 2021 _______
- General Physics II: Physics 2022 _______
- Principles of Ecology: Bio 2227s _______
- Biology Elective (2200+) _______
- Biology Elective (2200+) _______
- Biology Elective (2200+) _______

**CST College Requirements:**

- Upper Level Liberal Arts course 2000+ _______
- Upper Level Liberal Arts course 2000+ _______

### Bachelor of Science

**Recommended Sequence of Major Courses:**

- General Chemistry I: Chem 1031 _______
- General Chemistry Lab I: Chem 1033 _______
- Calculus I: Math 1041 _______
- Intro to Biology I: Bio 1111 _______
- General Chemistry II: Chem 1032 _______
- General Chemistry Lab II: Chem 1034 _______
- Calculus II: Math 1042 _______
- Intro to Biology II: Bio 2112 _______
- Organic Chemistry I: Chem 2201 _______
- Organic Chemistry Lab I: Chem 2203 _______
- Principles of Ecology: Bio 2227s _______
- Genetics: Bio 2296s _______
- Organic Chemistry II: Chem 2202 _______
- Organic Chemistry Lab II: Chem 2204 _______
- Cell Structure: Bio 3096f _______
- General Physics I: Physics 2021 _______
- General Physics II: Physics 2022 _______
- Biology Elective (2200+) _______
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**CST College Requirements:**

- Upper Level Liberal Arts course 2000+ _______
- Upper Level Liberal Arts course 2000+ _______

### Placement:

- Math: [□] [□] [□]
- English: [□] [□] [□]
- FL: [□] [□] [□]

### Notes:

- **F** = Fall Only  **S** = Spring Only
- Please check all pre- and co-requisites for courses before registering.
- *Check course descriptions. Courses marked "Not available for biology major credit" cannot be used as electives.
- **Refer to the Undergraduate Bulletin for elective options outside the Biology department.

### Suggested Courses:

- [□] [□] [□]
- [□] [□] [□]
- [□] [□] [□]
- [□] [□] [□]

### FL:

**NOTES:**

The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin
# University Requirements 2013-2014

## Appropriate University Curriculum: Gen Ed Traditional | Gen Ed 45+ | Gen Ed-to-Gen Ed

### Gen Ed Curriculum

#### Gen Ed Traditional:
- [ ] Analytical Reading & Writing: Eng 0802
- [ ] Mosaic I: Intellectual Heritage 0851
- [ ] Mosaic II: Intellectual 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

### Bachelor of Arts (BA) Only

- [ ] 2nd level of a Language

### Gen Ed 45+ (45 or more transfer credits):

- [ ] Analytical Reading & Writing: Eng 0802
- [ ] Mosaic I or II: Intel Heritage 0851 or 0852
- [ ] US Society
- [ ] Human Behavior
- [ ] Arts
- [ ] Diversity and Race
- [ ] Global/World Society
- [ ] Quantitative Literacy **
- [ ] Science and Technology **

** may be waived based on major courses

### Bachelor of Arts (BA) Only

- [ ] 2nd 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**

- [ ] 2nd level of a Language

### Gen Ed online:

- [ ] www.temple.edu/gened
- [ ] www.temple.edu/ypus/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

### 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.

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<thead>
<tr>
<th>Date:</th>
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<tbody>
<tr>
<td>Advisor:</td>
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</tr>
<tr>
<td>Student:</td>
<td>Student:</td>
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</tbody>
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**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.