### 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 ______
- □ General Physics I: Physics 2021 [or Physics 1061] ______
- □ Genetics: Bio 2296² ______
- □ Organic Chemistry II: Chem 2202 ______
- □ Organic Chemistry Lab II: Chem 2204 ______
- □ General Physics II: Physics 2022 [or Physics 1062] ______
- □ Cell Structure: Bio 3096² ______
- □ Techniques of Chem Measurement I: Chem 3103 ______
- □ Intro to Chem Research Techniques: Chem 3105 ______
- □ Calculus III: Math 2043 ______
- □ Physical Chemistry Lecture I: Chem 3301 OR Physical Chem of Biomolecules: Chem 3405* ______
- □ Biochemistry I: Chem 4401⁵ ______
- □ Molecular Biology: Bio 3324² ______
- □ General Biochemistry II: Bio 4376² ______
- □ Biochemistry Elective: ______
- □ Research Techniques in Biochemistry: Bio 4344⁵ ______
- □ Biochemistry Elective: ______

* F = Fall only  
  * = Spring only

Please check all pre-and-co-requisites for courses before registering.

**CST Credit Requirements**

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

**GRADUATION REVIEW**

At the completion of 90 credits, or when one or two semesters of course work remain, schedule your graduation review with the CST Advising Office.

**PLACEMENT RESULTS**

- Math: ________________
- English: ________________
- Language: __________________

* NOTE: Biochemistry majors taking this course instead of Chem 3301 cannot also receive Biochemistry elective credit for it. Biochemistry majors who want to take Chemistry 4196 or 3397 or 3398 as a Biochemistry elective MUST take the Chemistry 3301-3302 sequence, as Chemistry 3405 does not serve as a prerequisite for these courses, or any other course that has 3301 as a prerequisite or co-requisite.

**Suggested Courses:**

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**NOTES:**

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### 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: 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 ** ____________

**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 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 ** ____________

**Note:** **may be waived based on major courses**

**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.

- **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.