### Recommended Sequence of Major Courses:

- **General Chemistry I**: Chem 1031 or 1951
- **General Chemistry Lab I**: Chem 1033 or 1953
- **Calculus I**: Math 1041 or 1941
- **Intro to Biology I**: Bio 1111 or 1911
- **Calculus II**: Math 1042 or 1942
- **Intro to Biology II**: Bio 2112 or 2912
- **Organic Chemistry I**: Chem 2201 or 2211
- **Organic Chemistry Lab I**: Chem 2203 or 2213
- **General Physics I**: Phys 2021 or 2921
- **Genetics**: Bio 2296
- **General Chemistry II**: Chem 1032 or 1952
- **General Chemistry Lab II**: Chem 1034 or 1954
- **Organic Chemistry II**: Chem 2202 or 2212
- **Organic Chemistry Lab II**: Chem 2204 or 2214
- **General Physics II**: Phys 2022 or 2922
- **Cell Structure**: Bio 3096
- **Techniques of Chem Measurement I**: Chem 3103
- **Intro to Chem Research Techniques**: Chem 3105
- **Calculus III**: Math 2043 or 2943
- **Physical Chemistry Lecture I**: Chem 3301 OR Physical Chem of Biomolecules: Chem 3405
- **Biochemistry I**: Chem 4401
- **Make an Appointment for a Graduation Review**
- **Molecular Biology**: Bio 3324
- **General Biochemistry II**: Bio 4376
- **Biochemistry Elective**: _______
- **Research Techniques in Biochemistry**: Bio 4344

### CST Credit Requirements

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

### 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:

- ____________________________
- ____________________________
- ____________________________

### NOTES:

- **F** = Fall Only  
- **S** = Spring Only  
- **H** = Honors Students Only

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

The Undergraduate Bulletin is the official source for major requirements and elective options: [http://bulletin.temple.edu](http://bulletin.temple.edu)
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### Gen Ed Curriculum

#### 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**
- □ 2nd level of a Language

#### Gen Ed 45+ (45 or more transfer credits):
- □ Analytical Reading & Writing: Eng 0802
- □ Mosaic I or II: Intel Heritage (IH) 0851 or 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**
- □ 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](http://www.temple.edu/gened)
- [www.temple.edu/vpus/transfer/TransferGenEd.htm](http://www.temple.edu/vpus/transfer/TransferGenEd.htm)

### Undergraduate Bulletin:
The Undergraduate Bulletin is the official reference for University Requirements at:

- [http://bulletin.temple.edu](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: **__________

** 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.