Bachelor of Science

Recommended Sequence of Major Courses:

- Calculus I: Math 1041
- General Chemistry I: Chem 1031
- General Chemistry Lab I: Chem 1033
- Introduction to Biology: Bio 1111
- Calculus II: Math 1042
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Introduction to Biology: Bio 2112
- Organic Chemistry I: 2201
- Organic Chemistry Lab I: 2203
- General Physics I: Physics 2021 [or Physics 1061]
- Genetics: Bio 2296
- Organic Chemistry II: 2202
- Organic Chemistry Lab II: 2204
- General Physics II: Physics 2022 [or Physics 1062]
- Calculus III: Math 2043
- Cell Structure and Function: Bio 3096
- Techniques of Chemical Measurement: Chem 3103
- Introduction to Chemical Research Techniques: Chem 3105
- Biochemistry I: Chem 4401
- Physical Chemistry Lecture I: Chem 3301
- Biochemistry II: Bio 4376
- Molecular Biology: Bio 3324
- Research Techniques in Biochemistry: Bio 4344
- Biochemistry Elective
- Biochemistry Elective
- Biochemistry Elective

CST Credit Requirements:

- A minimum of 123 total credits
- A minimum of 45 Upper Level (UL) within CST/CLA (College of Science & Technology/College of Liberal Arts)
- A minimum of 90 credits within CST/CLA

Math Placement Results: Math 0701 Math 0702 Math 1021 Math 1022 Math 1041

Suggested Courses:

- __________________________
- __________________________
- __________________________
- __________________________
- __________________________

NOTES:

F = Fall Only  S = Spring Only

Students must check the pre- and co-requisites for all courses before registering.

*Please refer to the bulletin for elective options at www.temple.edu/bulletin/Academic_programs/schools_colleges/cst/programs/biochemistry/cst_biochemistry.shtm

The Undergraduate bulletin is the official source of major requirements at www.temple.edu/bulletin

Revised Date: ______
Advisor Initials: ______

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Revised May 2010
## University Requirements

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

## Gen Ed Curriculum

### Gen Ed Traditional:
- [ ] Analytical Reading and Writing (GW)
- [ ] Mosaic I (GY)
- [ ] Mosaic II (GZ)
- [ ] U.S. Society (GU)
- [ ] Human Behavior (GB)
- [ ] Arts (GA)
- [ ] Race and Diversity (GD)
- [ ] World Society (GG)
- [ ] Quantitative Literacy (GQ)
- [ ] Science and Technology (GS)

### Bachelor of Arts (BA) Only
- [ ] 2nd level of a Language

### Gen Ed 45+ (45 or more transfer credits):
- [ ] Analytical Reading and Writing (GW)
- [ ] Mosaic I or II (GY or GZ)
- [ ] U.S. Society (GU)
- [ ] Human Behavior (GB)
- [ ] Arts (GA)
- [ ] Race and Diversity (GD)
- [ ] World Society (GG)
- [ ] Quantitative Literacy (GQ)
- [ ] Science and Technology (GS)

### 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:

- [ ] 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.

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

### English Placement Results:
- English 701/711
- English 802/812
- Exempt

### Foreign Language Placement Results:
- [ ] 1001
- [ ] 1002
- [ ] 1003
- Exempt

### 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.