# Mathematics

**Department of Mathematics**

638 Wachman Hall (215) 204-7841  
Chairperson: Dr. Edward Letzter  
Faculty Advisor: Dr. Boris Datskovsky  
www.temple.edu/math

## 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:**

- [ ] Calculus I: Math 1041____
- [ ] Programming course: CIS 1053, 1057 or 1068:____
- [ ] Calculus II: Math 1042____
- [ ] Elementary Classical Physics I: Physics 1061____
- [ ] Calculus III: Math 2043____
- [ ] Linear Algebra: Math 2101____
- [ ] Elementary Classical Physics II: Physics 1062____
- [ ] Basic Mathematical Concepts: Math 2111 (prev.2196)____
- [ ] Introduction to Probability Theory: Math 3031____
- [ ] Real & Complex Analysis I: Math 3137____
- [ ] Math Elective: Math 3000 or above____
- [ ] Introduction to Modern Algebra: Math 3096s____
- [ ] Real & Complex Analysis II: Math 3138____
- [ ] Math Elective: Math 3000 or above____
- [ ] Make an Appointment for a Graduation Review____
- [ ] Math Elective: Math 3000 or above____
- [ ] Senior Problem Solving: Math 4096s____

**CST College Requirements:**

- [ ] Upper Level Liberal Arts Course 2000+________
- [ ] Upper Level Liberal Arts Course 2000+________

### Bachelor of Science

**Recommended Sequence of Major Courses:**

- [ ] Calculus I: Math 1041____
- [ ] Elementary Classical Physics I: Physics 1061____
- [ ] Programming course: CIS 1053, 1057 or 1068:____
- [ ] Calculus II: Math 1042____
- [ ] Elementary Classical Physics II: Physics 1062____
- [ ] Calculus III: Math 2043____
- [ ] Diff Equations with Linear Algebra: Math 3045F____
- [ ] Introduction to Probability Theory: Math 3031____
- [ ] Theoretical Linear Algebra: Math 3051s____
- [ ] Modern Algebra: Math 3098F____
- [ ] Advanced Calculus I: Math 3141F____
- [ ] Math Elective: Math 3000 or above____
- [ ] Topics in Modern Algebra: Math 3101s____
- [ ] Advanced Calculus II: Math 3142S____
- [ ] Math Elective: Math 3000 or above____
- [ ] Make an Appointment for a Graduation Review____
- [ ] Intro Functions of a Complex Variable: Math 4051F____
- [ ] Math Elective: Math 3000 or above____
- [ ] Senior Problem Solving: Math 4096s____
- [ ] Math Elective: Math 3000 or above____

### Placement: Math:

**English:**

**FL:**

**Notes:**

- [ ] Fall Only  [ ] Spring Only

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

Refer to the Undergraduate Bulletin for elective course options

The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.

---

**Suggested Courses:**

__________________________

__________________________

__________________________

__________________________

**Date:** ________

**Advisor:** ________

**Student:** ________

**Date:** ________

**Advisor:** ________

**Student:** ________

---

**Notes:**

- [ ] Fall Only  [ ] Spring Only

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

Refer to the Undergraduate Bulletin for elective course options

The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.
### University Requirements 2012-2013

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

#### 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 *

* 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 **

*2 of the 3

** 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/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

**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:  
Advisor:  
Student: 

Date:  
Advisor:  
Student: 

Date:  
Advisor:  
Student: 

Date:  
Advisor:  
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.