### Mathematics 2011-2012

**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.

### Name:

#### 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 2196
- Introduction to Probability Theory: Math 3031
- Real & Complex Analysis I: Math 3137
- Math Elective: Math 3000 or above
- Introduction to Modern Algebra: Math 3096
- 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 4096

**CST College Requirements:**

- Upper Level Liberal Arts Course 2000+  
- Upper Level Liberal Arts Course 2000+

### TUID:

#### 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 3045
- Introduction to Probability Theory: Math 3031
- Theoretical Linear Algebra: Math 3051
- Modern Algebra: Math 3098
- Advanced Calculus I: Math 3141
- Math Elective: Math 3000 or above
- Topics in Modern Algebra: Math 3101
- Advanced Calculus II: Math 3142
- Math Elective: Math 3000 or above
- Make an Appointment for a Graduation Review

- Intro Functions of a Complex Variable: Math 4051
- Math Elective: Math 3000 or above
- Senior Problem Solving: Math 4096
- 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:**

- __________________
- __________________
- __________________
- __________________
- __________________
- __________________

**Revised Date:** ______

**Advisor Initials:** ______

**Advisor Initials:** ______

**Revised Date:** ______

**Advisor Initials:** ______

**Revised Date:** ______

**Advisor Initials:** ______

**Revised Date:** ______

**Advisor Initials:** ______
### University Requirements 2011-2012

<table>
<thead>
<tr>
<th>Appropriate University Curriculum:</th>
<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gen Ed Curriculum</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 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 ** ________________
  ** 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)

#### 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.

**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