Mathematics & Computer Science 2013-2014

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

Department of Computer & Information Sciences
303 Wachman Hall (215) 204-8450
Chairperson: Dr. Jie Wu
Faculty Advisor: Dr. Anthony Hughes
www.temple.edu/cis

Name: [Blank]
TUID: [Blank]

Bachelor of Science
Recommended Sequence of Major Courses:
- □ Program Design & Abstraction: CIS 1068 ______
- □ Calculus I: Math 1041 ______
- □ Math Concepts in Computing I: CIS 1166 ______
- □ Calculus II: Math 1042 ______
- □ Calculus III: Math 2043 ______
- □ Linear Algebra: Math 2101 ______
- □ Data Structures: CIS 2168 ______
- □ Computer Sys & Low-Level Programming: CIS 2107 ______
- □ Math Concepts in Computing II: CIS 2166 ______
- □ Probability Theory I: Math 3031 ______
- □ Theory of Numbers: Math 3003F OR Basic Concepts of Math: Math 2111 ______
- □ Intro to Sys Programming & Operating Sys: CIS 3207 ______
- □ Numerical Analysis: Math 3043F OR Real & Complex Analysis I: Math 3137 ______
- □ General Chemistry I & General Chem Lab I: Chem 1031/1033 OR
  Elementary Classical Physics I: Physics 1061____
- □ Data Structures & Algorithms: CIS 3223 ______
- □ Real & Complex Analysis II: Math 3138 OR Math Elective: (3000+)*
  ______
- □ General Chemistry II & General Chem Lab II: Chem 1032/1034 OR
  Elementary Classical Physics II: Physics 1062 ____
- □ Make an Appointment for a Graduation Review
- □ Software Design: CIS 3238 OR CIS Elective: (3000+)** ______
- □ Intro to Modern Algebra: Math 3096F OR Modern Algebra: Math 3098F ______
- □ Independent Research: CIS 4397 OR Projects in Computer Science:
  CIS 4398 OR Senior Problem Solving: Math 4096s ______

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

Backtracking rule: Credit for some courses two or more levels below previously completed coursework cannot be used towards the degree.

Graduation Review:
At the completion of 90 credits, or when one or two semesters of coursework remain, schedule your graduation review with the CST Advising Office.

CAPSTONE NOTE: CIS 3287 is the prerequisite for CIS 4397 and 4398, so it must be taken as a CIS 3000+ elective if you plan to take the CIS capstone. Math 3098 is the prerequisite for Math 4096, so it must be taken in place of Math 3003 if you plan to take the math capstone.

Placement: Math:
English:
FL:

Notes:
F = Fall Only  S = Spring Only
Please check all pre- and co-requisites for courses before registering.

** Refer to the Bulletin for elective course options
The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.

CR Path

Suggested Courses: [Blank]
Notes: [Blank]
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<tr>
<th>University Requirements 2013-2014</th>
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<tr>
<td><strong>Appropriate University Curriculum:</strong></td>
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<tr>
<td><strong>Gen Ed Curriculum</strong></td>
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<td><strong>Gen Ed Traditional:</strong></td>
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<tr>
<td>□ Analytical Reading &amp; Writing: Eng 0802 ______</td>
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<td>□ Mosaic I: Intel Heritage 0851 ____________</td>
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<td>□ Mosaic II: Intel Heritage 0852 ____________</td>
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<td>□ US Society ____________</td>
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<td>□ Human Behavior ____________</td>
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<td>□ Arts ____________</td>
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<td>□ Diversity and Race ____________</td>
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<td>** may be waived based on major courses</td>
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<td>** Bachelor of Arts (BA) Only**</td>
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<td>□ 2nd level of a Language ____________</td>
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<td><strong>Gen Ed 45+ (45 or more transfer credits):</strong></td>
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<tr>
<td>□ Analytical Reading &amp; Writing: Eng 0802 ______</td>
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<tr>
<td>□ Mosaic I or II: Intel Heritage 0851 or 0852 ______</td>
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**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: ____________ Date: ____________
Advisor: ____________ Advisor: ____________
Student: ____________ Student: ____________
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.