Name:

**Bachelor of Science**

Recommended Sequence of Major Courses:

- □ Calculus I: Math 1041
- □ Program Design and Abstraction: CIS 1068
- □ Calculus II: Math 1042
- □ Data Structures: CIS 2168
- □ Mathematical Concepts in Computing I: CIS 1166
- □ Mathematical Concepts in Computing II: CIS 2166
- □ Calculus III: Math 2043
- □ Linear Algebra: Math 2101
- □ Computer Systems & Low-Level Programming: CIS 2107
- □ Data Structures: CIS 2168
- □ General Chemistry I/Chemistry I Lab: Chem 1031/1033
- □ Intro to Systems Prog & Operating Systems: CIS 3287
- □ General Chemistry II/Chemistry II Lab: Chem 1032/1034
- □ Theory of Numbers: Math 3003
- □ Modern Algebra: Math 3098
- □ Theory of Probability: Math 3031
- □ Math Elective: Math 3000 or above
- □ Numerical Analysis I: Math 3043
- □ Math Elective: Math 3000 or above
- □ CIS Elective: CIS 3000 or above
- □ CIS Elective: CIS 3000 or above
- □ Projects in Computer Science: CIS 4398
- □ Senior Problem Solving: Math 4096

**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.

**Notes:**

- □ Fall Only $=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.
### University Requirements 2011-2012

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

**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
- □ 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.

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**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.