### 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:**
- Intro to Academics in CS: CIS 1001
- Introduction to IS&T: CIS 1048
- Differential & Integral Calculus: Math 1031 OR Calculus I: Math 1038 or 1041 or 1941
- Program Design & Abstraction: CIS 1068 or 1968
- Computational Probability & Stats: CIS 2033
- Data Structures: CIS 2168
- Database & File Management Sys: CIS 2109
- Architecture, Oper Sys & Networking: CIS 2229
- Component-Based Software Design: CIS 3309
- Sequenced Laboratory Science A:
- Network Architectures: CIS 3329
- Networked Application Systems: CIS 3342
- Sequenced Laboratory Science B:
- Make an Appointment for a Graduation Review
- Information Systems Analysis & Design: CIS 4296
- Information Systems Implementation: CIS 4396

**CST College Requirements:**
- Upper Level Liberal Arts course (2000+)
- Upper Level Liberal Arts course (2000+)

### Bachelor of Science
**Recommended Sequence of Major Courses:**
- Intro to Academics in CS: CIS 1001
- Introduction to IS&T: CIS 1048
- Differential & Integral Calculus: Math 1031 OR Calculus I: Math 1038 or 1041 or 1941
- Program Design & Abstraction: CIS 1068 or 1968
- Math Concepts in Computing I: CIS 1166 OR Math 1038 or 1041 or 1941
- Component-Based Software Design: CIS 3309
- Data Structures: CIS 2168
- Computational Probability & Stats: CIS 2033
- Sequenced Laboratory Science A:
- Database & File Management Sys: CIS 2109
- Architecture, Oper Sys & Networking: CIS 2229
- Sequenced Laboratory Science B:
- Component-Based Software Design: CIS 3309
- IS&T Elective:
- Network Architectures: CIS 3329
- IS&T Elective:
- Information Systems Analysis & Design: CIS 4296
- Networked Application Systems: CIS 3342
- IS&T Elective:
- Information Systems Implementation: CIS 4396
- IS&T Elective:

**CST College Requirements:**
- Upper Level Liberal Arts course (2000+)
- Upper Level Liberal Arts course (2000+)

### Placement: Math: ___________________________ English: ___________________________

**Notes:**

- F = Fall Only
- S = Spring Only
- H = Honors Students Only
- Please check pre- and co-requisites before registering.

*While Math 1022 is not required before Math 1031, it is a prerequisite to other coursework in this major and must be completed if required by placement testing. It is recommended to be taken prior to Math 1031.*

**Students who choose Math 1038 must also take the corresponding section of the linked course Math 1039**

***Sequenced Lab Science courses are listed at www.temple.edu/cst/advising/majorsheets***

***Please refer to the Undergraduate Bulletin for a pre-approved list of IS&T electives.***

**Suggested Courses:**

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
</tr>
</thead>
</table>

**Notes:**

Please refer to the Undergraduate Bulletin for a pre-approved list of IS&T electives.

**The Undergraduate Bulletin is the official source for major requirements and elective options:**

http://bulletin.temple.edu
### University Requirements 2015-2016

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

#### Gen Ed Curriculum

**Gen Ed Traditional:**
- □ Analytical Reading & Writing: Eng 0802
- □ Mosaic I: Intel Heritage (IH) 0851
- □ Mosaic II: Intel Heritage (IH) 0852
- □ US Society (GU)
- □ Human Behavior (GB)
- □ Arts (GA)
- □ Diversity and Race (GD)
- □ Global/World Society (GG)
- □ Quantitative Literacy (GQ)**
- □ Science and Technology (GS)**

**Gen Ed 45+ (45 or more transfer credits):**
- □ Analytical Reading & Writing: Eng 0802
- □ Mosaic I or II: Intel Heritage (IH) 0851 or 0852
- □ US Society (GU)*
- □ Human Behavior (GB)*
- □ Arts (GA)*
- □ Diversity and Race (GD)
- □ Global/World Society (GG)
- □ Quantitative Literacy (GQ)**
- □ Science and Technology (GS)**

**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:
- [http://bulletin.temple.edu](http://bulletin.temple.edu)

**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.