### Information Science & Technology 2011-2012

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

#### 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 _____
- ☐ Intro to Academics in CS: CIS 1001 _____
- ☐ Introduction to IS&T: CIS 1048 _____
- ☐ Program Design & Abstraction: CIS 1068 _____
- ☐ Math Concepts in Computing I: CIS 1166 _____
- ☐ Probability & Stats for CS: CIS 2033 _____
- ☐ Data Structures: CIS 2168 _____
- ☐ Sequenced Laboratory Science A* _____
- ☐ Database & File Management Systems: CIS 2109 _____
- ☐ Operating Systems & Networking: CIS 2229 _____
- ☐ Sequenced Laboratory Science B* _____
- ☐ Component-Based Software Design: CIS 3309 _____
- ☐ Network Architectures: CIS 3329 _____
- ☐ Make an Appointment for a Graduation Review _____
- ☐ Networked Application Systems: CIS 4342 _____
- ☐ 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:**

- ☐ Calculus I: Math 1041 _____
- ☐ Intro to Academics in CS: CIS 1001 _____
- ☐ Introduction to IS&T: CIS 1048 _____
- ☐ Program Design & Abstraction: CIS 1068 _____
- ☐ Math Concepts in Computing I: CIS 1166 _____
- ☐ Computational Prob & Stats for CS: CIS 2033 _____
- ☐ Data Structures: CIS 2168 _____
- ☐ Sequenced Laboratory Science A* _____
- ☐ Database & File Management Systems: CIS 2109 _____
- ☐ Operating Systems & Networking: CIS 2229 _____
- ☐ Sequenced Laboratory Science B* _____
- ☐ Component-Based Software Design: CIS 3309 _____
- ☐ IS&T Elective**: _____
- ☐ Network Architectures: CIS 3329 _____
- ☐ IS&T Elective**: _____
- ☐ Make an Appointment for a Graduation Review _____
- ☐ Networked Application Systems: CIS 4342 _____
- ☐ Information Systems Analysis & Design: CIS 4296 _____
- ☐ Information Systems Implementation: CIS 4396 _____
- ☐ IS&T Elective**: _____
- ☐ IS&T Elective**: _____

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**Notes:**
- F= Fall Only  S= Spring Only
- Please check all pre- and co-requisites for courses before registering.
- * Sequenced Lab Science courses are listed at www.temple.edu/cst/advising/majorsheets
- ** Refer to the Undergraduate Bulletin for elective course options.

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

**Sequence of Major Courses:**

- Calculus I: Math 1041 _____
- Intro to Academics in CS: CIS 1001 _____
- Introduction to IS&T: CIS 1048 _____
- Program Design & Abstraction: CIS 1068 _____
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- Information Systems Analysis & Design: CIS 4296 _____
- Information Systems Implementation: CIS 4396 _____
- IS&T Elective**: _____
- IS&T Elective**: _____

**Suggested Courses:**

- ____________
- ____________
- ____________
- ____________
- ____________

**Placement:** Math: ___

**English:** ___

**FL:** ___

**Notes:**
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- ** Refer to the Undergraduate Bulletin for elective course options.

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

**Date:** __________

**Advisor:** __________

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

**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.