# Computer Science 2011-2012

## Department of Computer & Information Sciences

303 Wachman Hall (215) 204-8450  
Chairperson: Dr. Jie Wu  
Faculty Advisor: Prof. Sally Kyvernitis  
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 Academics in Computer Science: CIS 1001____  
- [ ] Program Design and Abstraction: CIS 1068 _____  
- [ ] Calculus II: Math 1042 _____  
- [ ] Data Structures: CIS 2168 _____
- [ ] Math Concepts in Computing I: CIS 1166  
- [ ] Technical Writing: English 2696 ______  
- [ ] Comp Sys and Low-Level Programming: CIS 2107____  
- [ ] Computational Probability and Stats: CIS 2033 (prev. 3033)____  
- [ ] Intro Systems Prog & Operating Sys: CIS 3207____  
- [ ] Sequenced Laboratory Science A** _____  
- [ ] Software Design: CIS 3238 (prev. 3287)____  
- [ ] Sequenced Laboratory Science B** _____  
- [ ] Make an Appointment for a Graduation Review
- [ ] Data Structures and Algorithms: CIS 3223_____  
- [ ] Projects in Computer Science: CIS 4397 or Independent Research: CIS 4398 ______

### CST College Requirements:
- [ ] Upper Level Liberal Arts Course 2000+ _________  
- [ ] Upper Level Liberal Arts Course 2000+ _________

### Placement:
- **Math:** English: FL:

## Bachelor of Science

### Recommended Sequence of Major Courses:
- [ ] Calculus I: Math 1041 _____  
- [ ] Intro Academics in Computer Science: CIS 1001____  
- [ ] Program Design and Abstraction: CIS 1068 _____  
- [ ] Calculus II: Math 1042 _____  
- [ ] Data Structures: CIS 2168 _____
- [ ] Math Concepts in Computing I: CIS 1166  
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- [ ] Comp Sys and Low-Level Programming: CIS 2107____  
- [ ] Computational Probability and Stats: CIS 2033 (prev. 3033)____  
- [ ] Intro Systems Prog & Operating Sys: CIS 3207____  
- [ ] Sequenced Laboratory Science A** _____  
- [ ] Data Structures and Algorithms: CIS 3223_____  
- [ ] Sequenced Laboratory Science B** _____  
- [ ] CIS Elective* _______  
- [ ] Make an Appointment for a Graduation Review
- [ ] Projects in Computer Science: CIS 4397 or Independent Research: CIS 4398 ______

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

The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.
### University Requirements 2011-2012

#### Appropriate University Curriculum:

<table>
<thead>
<tr>
<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
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#### Gen Ed Curriculum

<table>
<thead>
<tr>
<th>Gen Ed Traditional:</th>
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<tbody>
<tr>
<td>☐ Analytical Reading &amp; Writing: Eng 0802________</td>
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<tr>
<td>☐ Mosaic I: Intel Heritage 0851 ____________</td>
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<tr>
<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>☐ Global/World Society ____________</td>
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<td>☐ Quantitative Literacy * ____________</td>
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<td>☐ Science and Technology * ____________</td>
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<td>☐ Science and Technology * ____________</td>
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<td>* May be waived based on major courses</td>
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#### Bachelor of Arts (BA) Only

| ☐ 2nd level of a Language ____________ |

#### Gen Ed-to-Gen Ed:

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<th>Gen Ed-to-Gen Ed:</th>
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<td>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:</td>
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<tr>
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<td>☐ 2nd level of a Language ____________</td>
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#### 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.