

Computer Science 2008-2009

Department of Computer and Information Sciences
 303 Wachman Hall
 (215) 204-8450
Chairperson: Dr. Justin Yuan Shi
Faculty Advisor: Sally Kyvernitis
www.temple.edu/cis

CST Credit Requirements:
 A minimum of **123** total credits
 A minimum of **45** Upper Level (UL) within
 CST/CLA (College of Science & Technology/College of Liberal Arts)
 A minimum of **90** credits within CST/CLA

Name: _____ **TU ID:** _____ **Degree: BA or BS**

Bachelor of Arts

Recommended Sequence of Major Courses:

- Calculus I: Math 1041 _____
- Intro to Academics in Computer Science: CIS 1001 _____
- Program Design and Abstraction: CIS 1068 _____
- Calculus II: Math 1042 _____
- Data Structures: CIS 2168 _____

- Math Concepts in Comp I: CIS 1166
or Basic Concepts of Math: Math 2196 _____
- Technical Writing: English 2696 _____
- Comp Systems & Low-Level Programming: CIS 2107 _____
- Probability Theory for Computer Science: Math 3033 _____

- Intro to Systems Prog. & Operating Systems: CIS 3207 _____
- Sequenced Laboratory Science A** _____
- Software Design Practicum: CIS 3287 _____
- Sequenced Laboratory Science B** _____
- Make an Appointment for a Graduation Review _____

- Data Structures and Algorithms: CIS 3223 _____
- Projects in Computer Science or Independent Research:
 CIS 4397 *or* 4398 _____

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 Computer Science: CIS 1001 _____
- Program Design and Abstraction: CIS 1068 _____
- Calculus II: Math 1042 _____
- Data Structures: CIS 2168 _____

- Math Concepts in Comp I: CIS 1166
or Basic Concepts of Math: Math 2196 _____
- Comp Systems and Low-Level Programming: CIS 2107 _____
- Technical Writing: English 2696 _____
- Intro to Systems Prog. & Operating Systems: CIS 3207 _____
- Probability Theory for Computer Science: Math 3033 _____

- Software Design Practicum: CIS 3287 _____
- Math Concepts in Computing II: CIS 2166
or Automata, Computability, & Languages: CIS 3211^S
or Discrete Structures: CIS 3242^F _____
- 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 or Independent Research:
 CIS 4397 *or* 4398 _____
- CIS Elective* _____
- CIS Elective* _____

Math Placement Results: Math 0701 Math 1021 Math 1022 Math 1041

NOTES:

F = Fall Only S = Spring Only

Students must check the pre- and co-requisites for all courses before registering.

*Please refer to the bulletin for other elective options at
http://www.temple.edu/bulletin/Academic_programs/schools_colleges/cst/programs/cis/cst_cis.shtm

**Sequenced Lab Science Options can be found at:
http://www.temple.edu/cst/advising/majorsheets/08_09/cis_lab_science_req.pdf

The Undergraduate bulletin is the official source of major requirements at www.temple.edu/bulletin

Suggested Courses:

Appt Date: __/__/__ Time: __: __
 1810 Liacouras Walk, Suite 203

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

Revised on April 8, 2009

University Requirements

Appropriate University Curriculum: Gen Ed Freshman Traditional Core Core 45+ Core-to-Core

Gen Ed Curriculum

For Freshman Beginning Fall 2008 and after:

- Analytical Reading and Writing _____
- Mosaic I _____
- Mosaic II _____
- Quantitative Literacy _____
- Arts _____
- Human Behavior _____
- U.S. Society _____
- World Society _____
- Race and Diversity _____
- Science and Technology _____
- Science and Technology _____

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Note: Gen Ed curriculum applies to all newly admitted freshman in Fall 2008 or after and for all transfer students admitted Fall 2010 and after.

Core Curriculum

Traditional Core:

For transfers entering from Fall 2008 through Spring 2010 with 45 or fewer credits.

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Foreign Language 2nd level* _____
- Foreign Language 3rd level* _____
- International Studies* _____
- International Studies* _____
- Science and Technology (SA) _____
- Science and Technology (SB/GS) _____
- Quantitative Reasoning (QA/GQ) _____
- Quantitative Reasoning (QB/GQ) _____
- Intellectual Heritage 0851 _____
- Intellectual Heritage 0852 _____
- Writing Intensive Elective _____
- Writing Intensive Elective _____
- Writing Intensive in Major _____

* **B.S.**

2 International Studies (IS/GG) or
2nd level of a language + 1 IS/GG or
3rd level of a language or Exemption^

* **B.A.**

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

English Placement Results:

English 701/711 English 802/812 Exempt

Foreign Language Placement Results:

_____ 1001 1002 1003 Exempt

Core 45+:

For students receiving 45 or more credits in transfer.

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Science and Technology (SA or SB) _____
- Quantitative Reasoning (QA or QB) _____
- Intellectual Heritage 0851 or 0852 _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____
- Foreign Language 2nd level** _____
- Foreign Language 3rd level** _____
- International Studies** _____
- International Studies** _____

** **B.S.**

1 International Studies (IS/GG) or
2nd level of a language/Exempt^

** **B.A.**

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

All transfer students are required to complete the **Library Skills Test (TILT)** online at www.library.temple.edu.

Please consult with your assigned academic advisor if you have questions about the university curriculum you should be following.

The Undergraduate bulletin is the official source of University core or general education requirements at www.temple.edu/bulletin.

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

For students who have completed an approved Associate's degree from a college that has an established transfer agreement.

Core-to-Core:

- Writing Intensive Elective (Must be taken at Temple) _____
 - Writing Intensive in Major (Must be taken at Temple) _____
- B.A.**—Must follow the traditional core foreign language/IS/GG requirements