

Mathematics 2009-2010

Department of Mathematics
632 Wachman Hall
 (215) 204-7639
Chairperson: Dr. Omar Hijab
Faculty Advisor: Dr. Boris Datskovsky
www.temple.edu/mathematics

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 _____
- Programming course: CIS 1053, 1057 or 1068: _____
- Calculus II: Math 1042 _____
- Elementary Classical Physics I: Physics 1061 _____

- Calculus III: Math 2043 _____
- Linear Algebra: Math 2101 _____
- Elementary Classical Physics II: Physics 1062 _____
- Math Elective: Math 3000 or above _____
- Basic Mathematical Concepts: Math 2196 _____

- Introduction to Modern Algebra: Math 3096 _____
- Real & Complex Analysis I: Math 3137 _____
- Introduction to Probability Theory: Math 3031 _____
- Real & Complex Analysis II: Math 3138 _____
- Math Elective: Math 3000 or above _____
- Make an Appointment for a Graduation Review _____

- Math Elective: Math 3000 or above _____
- Senior Problem Solving: Math 4096^S _____

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 _____
- Elementary Classical Physics I: Physics 1061 _____
- Programming course: CIS 1053, 1057 or 1068: _____
- Calculus II: Math 1042 _____
- Elementary Classical Physics II: Physics 1062 _____

- Calculus III: Math 2043 _____
- Differential Equations w/ Linear Algebra: Math 3045^F _____
- Introduction to Probability Theory: Math 3031 _____
- Theoretical Linear Algebra: Math 3051^S _____

- Modern Algebra: Math 3098^F _____
- Advanced Calculus I: Math 3141^F _____
- Math Elective: Math 3000 or above _____
- Topics in Modern Algebra: Math 3101^S _____
- Advanced Calculus II: Math 3142^S _____
- Math Elective: Math 3000 or above _____
- Make an Appointment for a Graduation Review _____

- Intro to Functions of a Complex Variable: Math 4051^F _____
- Math Elective: Math 3000 or above _____
- Senior Problem Solving: Math 4096^S _____
- Math Elective: Math 3000 or above _____

Math Placement Results: Math 0701 Math 0702 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 Mathematics elective options at http://www.temple.edu/bulletin/Academic_programs/academic_programs.shtm

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: _____

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

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

Traditional Core:

- 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

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: _____ Revised Date: _____
Advisor Initials: _____ Advisor Initials: _____

Revised Date: _____ Revised Date: _____
Advisor Initials: _____ Advisor Initials: _____

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

Core-to-Core:

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

- 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