# CHEMISTRY 2010-2011

## Department of Chemistry
130 Beury Hall (215) 204-7118
Chairperson: Dr. Robert Levis
Faculty Advisors: Dr. David Dalton, Dr. Spiridoula Matsika, Dr. Robert Stanley
www.temple.edu/chemistry

## 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

## Bachelor of Arts

**Recommended Sequence of Major Courses:**

- Calculus I: Math 1041
- General Chemistry I: Chem 1031
- General Chemistry Lab I: Chem 1033
- Calculus II: Math 1042
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Calculus III: Math 2043
- Organic Chemistry I: 2201
- Organic Chemistry Lab I: 2203
- General Physics I: Physics 1061 [or 2021]
- Organic Chemistry II: 2202
- Organic Chemistry Lab II: 2204
- General Physics II: Physics 1062 [or 2022]
- Physical Chem Lecture I: Chem 3301
- Tech of Chem Measurement I: Chem 3103
- Intro to Chem Research Tech: Chem 3105
- Physical Chem Lecture II: Chem 3302
- Make an Appointment for a Graduation Review

- Writing Capstone Course: Chem 4396 or 4196
- Advanced Chem Course: 4001 or higher*
- Advanced Science Course*

**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
- General Chemistry I: Chem 1031
- General Chemistry Lab I: Chem 1033
- Calculus II: Math 1042
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Calculus III: Math 2043
- Organic Chemistry I: 2201
- Organic Chemistry Lab I: 2203
- General Physics I: Physics 1061 [or 2021]
- Organic Chemistry II: 2202
- Organic Chemistry Lab II: 2204
- General Physics II: Physics 1062 [or 2022]
- Physical Chem Lecture I: Chem 3301
- Tech of Chem Measurement I: Chem 3103
- Intro to Chem Research Tech: Chem 3105
- Physical Chem Lecture II: Chem 3302
- Physical Chem Lab: Chem 4396
- Make an Appointment for a Graduation Review

- Inorganic Chemistry: Chem 4001 F
- Techniques of Chem Measurement II: Chem 4196
- Advanced Chem Course: 4003 or above*
- Advanced Chem Course: 4003 or above*
- Advanced Science Course*
- Advanced Science Course*

**Math Placement Results:**

<table>
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<tr>
<th>Math 0701</th>
<th>Math 0702</th>
<th>Math 1021</th>
<th>Math 1022</th>
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**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 Advanced Chem & Science options and for information on ACS certification at http://www.temple.edu/bulletin/Academic_programs/schools_colleges/cst/programs/chemistry/cst_chemistry.shtml

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

## Suggested Courses:

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<th>Suggested Courses:</th>
<th>Revised Date:</th>
<th>Advisor Initials:</th>
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Revised May 2010
**University Requirements**

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

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**Gen Ed Curriculum**

**Gen Ed Traditional:**
- □ Analytical Reading and Writing (GW)
- □ Mosaic I (GY)
- □ Mosaic II (GZ)
- □ U.S. Society (GU)
- □ Human Behavior (GB)
- □ Arts (GA)
- □ Race and Diversity (GD)
- □ World Society (GG)
- □ Quantitative Literacy (GQ)
- □ Science and Technology (GS)

**Bachelor of Arts (BA) Only**
- □ 2nd level of a Language

**Gen Ed 45+ (45 or more transfer credits):**
- □ Analytical Reading and Writing (GW)
- □ Mosaic I or II (GY or GZ)
- □ U.S. Society (GU)  
  \[2 \text{ of the 3}\]
- □ Human Behavior (GB)
- □ Arts (GA)
- □ Race and Diversity (GD)
- □ World Society (GG)
- □ Quantitative Literacy (GQ)
- □ Science and Technology (GS)

**Bachelor of Arts (BA) Only**
- □ 2nd level of a Language

**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.

The Undergraduate Bulletin is the official reference for University Requirements at [www.temple.edu/bulletin](http://www.temple.edu/bulletin).

**English Placement Results:**
- English 701/711
- English 802/812
- Exempt

**Foreign Language Placement Results:**
- 1001 1002 1003  Exempt

**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.