Chemistry 2012-2013

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:  
- 123 minimum total credits  
- 90 minimum CST/CLA credits  
- 45 minimum upper-level (2000+) CST/CLA credits

Backtracking rule: Credit for some courses two or more levels below previously completed coursework cannot be used towards the degree.

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**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
- **Elem Classical Physics I:** Physics 1061 [or 2021]
- **Organic Chemistry II:** 2202
- **Organic Chemistry Lab II:** 2204
- **Elem Classical 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 4196
- **Physical Chem Lab I:** Chem 3397 OR Physical Chem Lab II: Chem 3398

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
- **Elem Classical Physics I:** Physics 1061 [or 2021]
- **Organic Chemistry II:** 2202
- **Organic Chemistry Lab II:** 2204
- **Elem Classical 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 I:** Chem 3397
- **Physical Chem Lab II:** Chem 3398
- **Make an Appointment for a Graduation Review**
- **Inorganic Chemistry:** Chem 3001

CST College Requirements:

- Upper Level Liberal Arts Course 2000+
- Upper Level Liberal Arts Course 2000+

Placement: Math: | English: | FL:
|-----------------|-------|------|

Notes:
-Fall Only = Fall Only
-Spring Only

Please check all pre- and co-requisites for courses before registering.

* Refer to the Bulletin for Advanced Chemistry and Advanced Science course options.

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

Suggested Courses:

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### University Requirements 2012-2013

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

#### Gen Ed Curriculum

**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** _____________
  ** May be waived based on major courses

**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
- 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.