**Chemistry 2013-2014**

### Department of Chemistry
130 Beury Hall (215) 204-7118
Chairperson: Dr. Robert Levis
Faculty Advisors: Dr. Spiridoula Matsika, Dr. Robert Stanley, Dr. Michael Zdilla
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.

### Name:

#### Bachelor of Arts

**Recommended Sequence of Major Courses:**
- General Chemistry I: Chem 1031
- General Chemistry Lab I: Chem 1033
- Calculus I: Math 1041
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Calculus II: Math 1042
- General Physics I: Phys 2021 [or Phys 1061]
- Organic Chemistry I: Chem 2201
- Organic Chemistry Lab I: Chem 2203
- Calculus III: Math 2043
- General Physics II: Phys 2022 [or Phys 1062]
- Organic Chemistry II: Chem 2202
- Organic Chemistry Lab II: Chem 2204
- Physical Chemistry Lecture II: Chem 3302
- Tech of Chem Measurement I: Chem 3103
- Intro to Chem Research Tech: Chem 3105
- Physical Chemistry Lecture I: Chem 3301
- Make Appointment for Graduation Review
- Tech of Chem Measurement II: Chem 4196
- Physical Chemistry Lab I: Chem 3397 OR Physical Chemistry 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:**
- General Chemistry I: Chem 1031
- General Chemistry Lab I: Chem 1033
- Calculus I: Math 1041
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Calculus II: Math 1042
- General Physics I: Phys 2021 [or Physics 1061]
- Organic Chemistry I: Chem 2201
- Organic Chemistry Lab I: Chem 2203
- Calculus III: Math 2043
- General Physics II: Phys 2022 [or Physics 1062]
- Organic Chemistry II: Chem 2202
- Organic Chemistry Lab II: Chem 2204
- Tech of Chem Measurement I: Chem 3103
- Intro to Chem Research Tech: Chem 3105
- Physical Chemistry Lecture I: Chem 3301
- Physical Chemistry Lecture II: Chem 3302
- Physical Chemistry Lab I: Chem 3397
- Inorganic Chemistry: Chem 3001
- Make Appointment for a Graduation Review
- Physical Chemistry Lab II: Chem 3398
- Advanced Science course*: ________
- Advanced Chem course (4002+): ________
- Tech of Chem Measurement II: Chem 4196
- Advanced Science course*: ________
- Advanced Chemistry course (4002+): ________

### Placement: Math: English: FL:

#### Notes:
- \( F \) = Fall Only  \( S \) = 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](http://www.temple.edu/bulletin).
- CR Path

### TUID:

#### Bachelor of Arts

**Recommended Sequence of Major Courses:**
- General Chemistry I: Chem 1031
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- Calculus I: Math 1041
- General Chemistry II: Chem 1032
- General Chemistry Lab II: Chem 1034
- Calculus II: Math 1042
- General Physics I: Phys 2021 [or Phys 1061]
- Organic Chemistry I: Chem 2201
- Organic Chemistry Lab I: Chem 2203
- Calculus III: Math 2043
- General Physics II: Phys 2022 [or Phys 1062]
- Organic Chemistry II: Chem 2202
- Organic Chemistry Lab II: Chem 2204
- Physical Chemistry Lecture II: Chem 3302
- Tech of Chem Measurement I: Chem 3103
- Intro to Chem Research Tech: Chem 3105
- Physical Chemistry Lecture I: Chem 3301
- Physical Chemistry Lecture II: Chem 3302
- Physical Chemistry Lab I: Chem 3397
- Physical Chemistry Lab II: Chem 3398
- Advanced Science course*: ________
- Advanced Chem course (4002+): ________
- Tech of Chem Measurement II: Chem 4196
- Advanced Science course*: ________
- Advanced Chemistry course (4002+): ________

**Suggested Courses:**

- ______________________
- ______________________
- ______________________
- ______________________
- ______________________

#### Notes:

- ______________________
- ______________________
- ______________________
- ______________________
- ______________________
## University Requirements 2013-2014

### Appropriate University Curriculum:

<table>
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<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
</tr>
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### 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 * ________________ *2 of the 3
- [ ] Arts * ________________________
- [ ] Diversity and Race _________________
- [ ] Global/World Society ________________
- [ ] Quantitative Literacy ** ______________
- [ ] Science and Technology ** ______________

** may be waived based on major requirements

##### 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.

### 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.

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.