**TUteach:**
**Chemistry with Teaching 2014-2015**

**Department of Chemistry**
255 Bio-Life Building  215-204-8851

**Content Advisors:** Dr. Robert Stanley, Dr. Spiridoula Matsika, & Dr. Michael Zdilla

**Program Director:**
Dr. Doug Baird

**Master Teacher/Faculty Advisor:**
Ms. Kathleen McKinley

**Academic Advisor:** Kenneth Ruff

www.temple.edu/chemistry

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**CST Credit Requirements:**
- **124 minimum total credits**
- **90 minimum CST/CLA credits**
- **45 minimum upper-level (2000+) CST/CLA credits**

**Backtracking rule:** Credit for courses 2 or more levels below previously completed coursework cannot be used towards the degree.

Admission to candidacy is required to complete this degree. This includes, but is not limited to, a 3.0 minimum GPA and a passing score in the PRAXIS I/PAPA Teacher Certification Exam.

The B.S. with Teaching in Chemistry provides broad training in Chemistry, and prepares students for a career in secondary school teaching.

**Please note:** PA Certification requires passing scores in the PRAXIS I/PAPA and PRAXIS II Teacher Certification Exams.

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### Recommended Sequence of Major Courses for Bachelor of Science:

- **Calculus I:** Math 1041 ______
- **General Chemistry I:** Chem 1031 ______
- **General Chemistry Lab I:** Chem 1033 ______
- **TUteach Step 1 & 2:** CST 1389 ______
- **Calculus II:** Math 1042 ______
- **General Physics I:** Physics 1061 or 2021 ______
- **General Chemistry II:** Chem 1032 ______
- **General Chemistry Lab II:** Chem 1034 ______
- **Schedule PAPA Exam**
- **Calculus III:** Math 2043_______
- **General Physics II:** Physics 1062 or 2022 ______
- **Organic Chemistry I:** 2201 ______
- **Organic Chemistry Lab I:** 2203 ______
- **TUteach Knowing and Learning:** Ed 2179 ______
- **TUteach Special Ed:** 2231 ______
- **Organic Chemistry II:** 2202_______
- **Organic Chemistry Lab II:** 2204_______
- **TUteach Differentiated Literacy Instruction in the Disciplines, 7-12:** Secondary Ed 3796 ______

**Placement:** Math: [ ] English: [ ] FL: [ ]

**Notes:**
- **F= Fall Only**  **S=Spring Only**

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

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

- **CR Path**
- **F4**

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**Suggested Courses:**

- ___________________________
- ___________________________
- ___________________________
- ___________________________

**Notes:**

- ___________________________
- ___________________________
- ___________________________
- ___________________________
## University Requirements 2014-2015

### Appropriate University Curriculum:

<table>
<thead>
<tr>
<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
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<tbody>
<tr>
<td><strong>Gen Ed Curriculum</strong></td>
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</tbody>
</table>

#### Gen Ed Traditional:

- ☐ Analytical Reading & Writing: Eng 0802
- ☐ Mosaic I: Intel Heritage (IH) 0851
- ☐ Mosaic II: Intel Heritage (IH) 0852
- ☐ US Society (GU)
- ☐ Human Behavior (GB)
- ☐ Arts (GA)
- ☐ Diversity and Race (GD)
- ☐ Global/World Society (GG)
- ☐ Quantitative Literacy (GQ)**
- ☐ Science and Technology (GS)**

** 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 (IH) 0851 or 0852
- ☐ US Society (GU)*
- ☐ Human Behavior (GB)*
- ☐ Arts (GA)*
- ☐ Diversity and Race (GD)
- ☐ Global/World Society (GG)
- ☐ Quantitative Literacy (GQ)**
- ☐ Science and Technology (GS)**

*2 of the 3

** 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.

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<thead>
<tr>
<th>Date:</th>
<th>Date:</th>
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<tbody>
<tr>
<td>Advisor:</td>
<td>Advisor:</td>
</tr>
<tr>
<td>Student:</td>
<td>Student:</td>
</tr>
</tbody>
</table>

**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.