### UTeach Arlington

#### The University of Texas at Arlington

**Bachelor of Arts in Chemistry**

**Minor in Physics**

**6-12 Physical Science Teacher Certification**

---

Name: ___________________________  ID: ___________________________

Expected graduation: ___________  Date: ___________________________

Advisor: Dr. Erin Gonzales, egonzales@uta.edu

I understand my current academic standing and progress and the requirements necessary to complete the degree and certification.

---

**GENERAL EDUCATION (33 hours)**

<table>
<thead>
<tr>
<th>UTA Requirement</th>
<th>Earned</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIV 11X1 Student Success (UNIV-SC 1101 for transfers)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Communication**

| ENGL 1301 Rhetoric & Composition I | 3 | |
| ENGL 1302 Rhetoric & Composition II | 3 | |

**US History**

| HIST 1301 History of the United States to 1865 | 3 | |
| HIST 1302 History of the United States from 1865 | 3 | |

**Political Science**

| POLS 2311 Government of the United States | 3 | |
| POLS 2312 State & Local Government | 3 | |

**Mathematics**

| MATH 1426 Calculus I | 4 | |
| MATH 2425 Calculus II | 4 | |

**Social & Behavioral Sciences (see approved list)**

- | 3 | |

**Creative Arts (see approved list)**

- | 3 | |

---

**OTHER SCIENCE (30 hours)**

<table>
<thead>
<tr>
<th>Biology</th>
<th>Earned</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1441 Cell &amp; Molecular Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 1442 Evolution &amp; Ecology</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Physics Minor**

| PHYS 1443 General Technical Physics I | 4 | |
| PHYS 1444 General Technical Physics II | 4 | |
| PHYS 2315 Introductory Astrophysics (fall) | 3 | |
| PHYS 3313 Intro to Modern Physics | 3 | |
| PHYS 3445 Optics (TBD) | 4 | |
| PHYS 3455 Electronics (TBD) | 4 | |

---

**CHEMISTRY (31 hours)**

<table>
<thead>
<tr>
<th>Earned</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1341 General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1181 General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 1342 General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1182 General Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 2321 Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2335 Quantitative Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2343 Synthesis &amp; Analysis Lab I (fall)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2322 Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2144 Synthesis &amp; Analysis Lab II (spring)</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 3315 Intro to Biophysical Chemistry (fall)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3175 Intro to Biophysical Chemistry Lab (fall)</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 4311 Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3317 Inorganic Chemistry (fall) or 4318 (spring)</td>
<td>3</td>
</tr>
</tbody>
</table>

**UTEACH ARLINGTON (26 hours)**

<table>
<thead>
<tr>
<th>Earned</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCIE 1201 Step 1: Inquiry Approaches to Teaching</td>
<td>2</td>
</tr>
<tr>
<td>SCIE 1202 Step 2: Inquiry-based Lesson Design</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 4331 Knowing &amp; Learning</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2314 Perspectives on Science &amp; Math</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4343 Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 4332 Classroom Interactions</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 4333 Multiple Teaching Practices</td>
<td>3</td>
</tr>
<tr>
<td>SCIE 4607 Student Teaching + SCIE 4107 Seminar</td>
<td>7</td>
</tr>
</tbody>
</table>

---

**TOTAL DEGREE HOURS (120)**

| 0 | 120 |

---

**NOTES**

**ACADEMIC STANDING**

- - - - - Cumulative GPA (UTA + transfer)
- - - - - UTA GPA
- - - - - Chemistry GPA
- - - - - Physics GPA

**Academic standing:** The following GPAs must be maintained to remain on this degree plan: UTA: 2.25 Chemistry: 2.25 Physics: 2.25

**Teacher candidacy:** Students enter candidacy upon enrolling in EDUC 4333 the penultimate semester. The following GPA must be met for admission; all grades (UTA + transfer) are included in the calculation: Cumulative or last 60 hours: 2.75

**Exams:** Candidates will take two certification exams ($116 each):
- Content: TExES 237 Physical Science 6-12
- PPR: TExES 160 Pedagogy & Professional Responsibilities EC-12

**Student teaching:** Student teaching is a 14-week, full-day experience in a high school. A weekly evening seminar meets at UTA. No other courses should be taken, unless financial aid requires 12 hours: add 2 supplemental student teaching hours and one evening/online course.