

## Secondary Education – Chemistry Teacher Emphasis

### Associate in Science

#### Degree Program Mentor

For additional information regarding this degree, contact the Degree Program Mentor.



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Assistant Professor

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#### Program Objective

The objective of the Secondary Education Associate in Science – Chemistry Teacher Certification Emphasis is to prepare students for transfer to a bachelor's degree granting institution to major in chemistry with a concentration in teacher certification.

#### Requirements for Graduation

1. Sixty-two designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

**Transfer Note:** A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** will satisfy all freshman and sophomore general education requirements at the four-year university.

#### Teacher Certification Examinations:

The Oklahoma General Education Test (OGET) is the first of a series of certification exams required by the teacher certification process in the state of Oklahoma. The OGET is typically taken during a teacher education candidate's sophomore year. For more information on OGET and other required certification examinations visit [www.ceoe.nesinc.com](http://www.ceoe.nesinc.com).

#### General Education Requirements

**34**

GOV	1113	American National Government .....	3
HIST	1483	American History to 1877 <b>OR</b>	
HIST	1493	American History since 1877 .....	3
ENG	1113	Composition I .....	3
ENG	1213	Composition II .....	3
SPCH	1143	Speech .....	3
HUM		Any class designated as Humanities .....	6
MATH	1513	Pre-Calculus (MATH 2215 recommended) <b>OR</b>	
MATH	1613	Plane Trigonometry <b>OR</b>	
MATH	2215	Calculus and Analytic Geometry I (SO) .....	3
SCIENCE		<i>met by program</i>	
CAP	1103	Introduction to Microsoft Office .....	3
HPER	1012	Wellness and Human Development .....	2
STSC	1002	Learning Strategies .....	2
PSY	1113	General Psychology .....	3

#### Major Field Requirements ..... **25**

*Select from the following and must include at least one life science and one physical science:*

BIOL	1114	General Biology <b>OR</b>	
BIOL	1214	Principles of Biology (recommended)	
BIOL	1224	General Botany	
BIOL	1234	General Zoology	
BIOL	2114	Human Anatomy	
CHEM	1315	General Chemistry I (recommended)	
CHEM	1515	General Chemistry II (recommended) (SO)	
PHYS	1214	Earth Science	
PHYS	1314	Astronomy	
PHYS	2114	General Physics I (recommended) (FO)	
PHYS	2224	General Physics II (recommended) (SO)	

#### Major Field Electives and Support..... **3**

PSY	2023	Developmental Psychology	
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#### MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE

**62**

FO=FALL ONLY      FOO=FALL ODD YRS ONLY      FEO=FALL EVEN YRS ONLY

SO=SPRING ONLY      SOO=SPRING ODD YRS ONLY      SEO=SPRING EVEN YRS ONLY



# Secondary Education - Chemistry

## Teacher Emphasis

### Associate in Science

#### 2025-27 Degree Requirements Checklist

A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** will satisfy all freshman and sophomore general education requirements at the four-year university.

<div>6 hrs.</div> <div>9 hrs.</div> <div>6 hrs.</div> <div>3 hrs.</div> <div>3 hrs.</div> <div>2 hrs.</div>	<div>GENERAL EDUCATION REQUIREMENTS</div> <div> <b>Social Sciences</b> <ul style="list-style-type: none"> <li>GOV 1113 American National Government</li> <li>HIST 1483 American History Survey to 1877 <b>OR</b> HIST 1493 American History Survey since 1877</li> </ul> </div> <div> <b>Language Arts</b> <ul style="list-style-type: none"> <li>ENG 1113 Composition I</li> <li>ENG 1213 Composition II</li> <li>SPCH 1143 Speech</li> </ul> </div> <div> <b>Humanities</b> <p>Select two of the following:</p> <ul style="list-style-type: none"> <li>ART/HUM 1153 Art History I (FO)</li> <li>ART/HUM 1163 Art History II (SO)</li> <li>ART/HUM 1203 Art Appreciation</li> <li>ART 2323 Global Studies in Art (TBD Summer)</li> <li>ENG/HUM 2033 Survey of Native American Literature (SEO)</li> <li>ENG 2403 Global Studies in Language Arts and Humanities (TBD Summer)</li> <li>ENG/HUM 2413 Introduction to Literature (FO)</li> <li>ENG/HUM 2433 World Literature I (SO)</li> <li>ENG/HUM 2443 Introduction to World Mythology (FOO)</li> <li>ENG/HUM 2543 British Literature I (FEO)</li> <li>ENG/HUM 2653 British Literature II (FOO)</li> <li>ENG/HUM 2753 American Literature I (SEO)</li> <li>ENG/HUM 2883 American Literature II (SOO)</li> <li>HIST/HUM 2223 Early Western Civilization to 1660</li> <li>HIST/HUM 2233 Modern Western Civilization since 1660</li> <li>HUM 1103 Life of Jesus (SO)</li> <li>HUM 1113 Old Testament (SO)</li> <li>HUM 1143 New Testament (FO)</li> <li>HUM 2123 Multiculturalism through Film</li> <li>HUM 2153 Crime, Delinquency and Social Science Issues through Film (SO)</li> <li>HUM 2173 Introduction to Film &amp; TV (SO)</li> <li>HUM 2323 Social Science Issues as Perceived through Movies</li> <li>HUM 2333 Leadership Development through the Classics</li> <li>HUM 2343 Global Studies in Humanities</li> <li>MUS/HUM 1213 Music Appreciation I</li> <li>MUS/HUM 1223 Music Appreciation II</li> <li>PHIL 1113 Philosophy (FO)</li> <li>SOC 2433 Global Studies in Culture and Diversity (TBD Summer)</li> <li>SPCH/HUM 1523 Introduction to Theatre (FO)</li> </ul> </div> <div> <b>Mathematics</b> <ul style="list-style-type: none"> <li>MATH 1513 Pre-Calculus for Eng-Phys-CS <b>OR</b></li> <li>MATH 1613 Plane Trigonometry <b>OR</b></li> <li>MATH 2215 Calculus and Analytic Geometry I</li> </ul> </div> <div> <b>Life Science</b>  ✓ met by program </div> <div> <b>Physical Science</b>  ✓ met by program </div> <div> <b>Computer Applications</b> <ul style="list-style-type: none"> <li>CAP 1103 Introduction to Microsoft Office</li> </ul> </div> <div> <b>Health, Physical Education and Recreation</b> <ul style="list-style-type: none"> <li>HPER 1012 Wellness and Human Development</li> </ul> </div>	<div>2 hrs.</div> <div>3 hrs.</div> <div>34 hrs.</div> <div>25 hrs.</div> <div>3 hrs.</div> <div>28 hrs.</div> <div>62 hrs.</div>	<div> <b>Student Success</b>  Required during first semester <ul style="list-style-type: none"> <li>STSC 1002 Learning Strategies</li> </ul> </div> <div> <b>Fine Arts, Psychology, or Social Sciences Elective</b> <ul style="list-style-type: none"> <li>PSY 1113 General Psychology (<i>Secondary Education majors should take General Psychology for the Elective</i>)</li> </ul> </div> <div>TOTAL REQUIRED GENERAL EDUCATION HOURS</div> <div>MAJOR FIELD REQUIREMENTS</div> <div> Select from the following: <ul style="list-style-type: none"> <li>BIOL 1114 General Biology <b>OR</b></li> <li>BIOL 1214 Principles of Biology (recommended)</li> <li>BIOL 1224 General Botany</li> <li>BIOL 1234 General Zoology</li> <li>BIOL 2114 Human Anatomy</li> <li>CHEM 1315 General Chemistry I (recommended)</li> <li>CHEM 1515 General Chemistry II (recommended) (SO)</li> <li>PHYS 1214 Earth Science</li> <li>PHYS 1314 Astronomy</li> <li>PHYS 2114 General Physics I (recommended) (FO)</li> <li>PHYS 2224 General Physics II (recommended) (SO)</li> </ul> </div> <div>MAJOR FIELD ELECTIVES AND SUPPORT</div> <div> <ul style="list-style-type: none"> <li>PSY 2023 Developmental Psychology</li> </ul> </div> <div>TOTAL REQUIRED MAJOR FIELD HOURS</div> <div>MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE</div>
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# Semester by Semester Suggested Degree Plan\*

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COURSE NUMBER- COURSE DESCRIPTION	HOURS
<b>FRESHMAN YEAR, FALL</b>	
<input type="checkbox"/> STSC 1002 LEARNING STRATEGIES	2
<input type="checkbox"/> ENG 1113 COMPOSITION I	3
<input type="checkbox"/> MATH 1513 PRE-CALC FOR ENG-PHYS-CS	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	16
<b>FRESHMAN YEAR, SPRING</b>	
<input type="checkbox"/> ENG 1213 COMPOSITION II	3
<input type="checkbox"/> PSY 1113 GENERAL PSYCHOLOGY	3
<input type="checkbox"/> CAP 1103 INTRODUCTION TO MICROSOFT OFFICE	3
<input type="checkbox"/> HIST 1483/1493 AMERICAN HISTORY SURVEY TO 1877 OR SINCE 1877	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	16
<b>SOPHOMORE YEAR, FALL</b>	
<input type="checkbox"/> HUM	3
<input type="checkbox"/> HPER 1012 WELLNESS AND HUMAN DEVELOPMENT	3
<input type="checkbox"/> GOV 1113 AMERICAN NATIONAL GOVERNMENT	2
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	4
TOTAL:	15
<b>SOPHOMORE YEAR, SPRING</b>	
<input type="checkbox"/> HUM	3
<input type="checkbox"/> PSY 2023 DEVELOPMENTAL PSYCHOLOGY	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> MAJOR FIELD REQUIREMENT	3
<input type="checkbox"/> SPCH 1143 SPEECH	3
TOTAL:	15
<b>TOTAL HOURS:</b>	<b>62</b>

\*THIS IS A GUIDE TO HELP STUDENTS WITH PLANNING. A STUDY OF THE COURSE SCHEDULE AND A VISIT WITH YOUR ACADEMIC ADVISOR IS CRUCIAL FOR SUCCESS IN COMPLETING YOUR DEGREE.

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