

PHYSICAL SCIENCES

CHEMISTRY EDUCATION MINOR



Name:	ID:	Contact:
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MINOR REQUIREMENTS 40-41 credits

<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester
Complete the following:						
<input type="checkbox"/>	BIOL 1610/1615 or BIOL 1610A/1615A	Principles of Biology I / Lab	4/1			
<input type="checkbox"/>	CHEM 1210/1215	General Chemistry I / Lab	4/1	MATH 1050 (C grade or higher) or placement score within previous 2 years		
<input type="checkbox"/>	CHEM 1220/1225	General Chemistry II / Lab	4/1	CHEM 1210/1215		
<input type="checkbox"/>	CHEM 2310/2315	Organic Chemistry I / Lab	4/1	CHEM 1220/1225		
<input type="checkbox"/>	CHEM 2320/2325	Organic Chemistry II / Lab	4/1	CHEM 2310/2315		
<input type="checkbox"/>	CHEM 3510/3515	Biochemistry I / Lab	3/1	BIOL 1610/A, BIOL 1615/A, CHEM 2320/25		
<input type="checkbox"/>	SCI 2600	Laboratory Safety	1			
<input type="checkbox"/>	SCI 3570	Foundations of Science/Science Ed.	3			
<input type="checkbox"/>	SCI 4700	Secondary Science Teaching Methods	3			

PHYSICS REQUIREMENT 4-5 credits

<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester
Complete one of the following sets of courses:						
<input type="checkbox"/>	PHYS 1010/1015	Elementary Physics / Lab	3/1	MATH 1000 or ACT Math 23		
<input type="checkbox"/>	PHYS 2010/2015	College Physics I / Lab	4/1	MATH 1060 or MATH 1065		
<input type="checkbox"/>	PHYS 2210/2215	Physics for Scientists & Engineers / Lab	4/1	MATH 1210 or MATH 1220 (can be concurrent in MATH 1220)		

LICENSURE REQUIREMENT BEFORE STUDENT TEACHING

- Students are required to pass the appropriate PRAXIS II Content Knowledge Test(s)

Completion Requirement:

<p>1. Complete all courses that fulfill requirements in the minor with a grade of C or higher.</p>	<p>An academic minor is an attribute of a baccalaureate degree, not an entity by itself, and can only be awarded at the same time a student graduates with a bachelor's degree. Students do not need to declare a minor prior to submitting a graduation application, but the Minor Worksheet must be included with the student's graduation application. A minor may <u>not</u> be added to a previously awarded degree. Students must complete the minor requirements prior to or concurrent with completion of their bachelor's degree requirements. Minors are not available with associate's degrees.</p> <p>Students may not declare a minor that is in the same department as their major. <i>Example:</i> English majors cannot declare any English minor.</p> <p>Integrated Studies majors may not have an academic minor in the same department as either of their two declared emphases. <i>Example:</i> An Integrated Studies major with emphases in English and Spanish cannot receive a minor in either English or Spanish.</p> <p>In order to be awarded a teaching minor, a student must be awarded a teaching major at the same time.</p> <p>Previous Secondary Education graduates do not need a minor to receive an endorsement; they should complete the requirements listed at USOE and submit the endorsement application.</p>
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