

# Chemistry Teaching, B.A.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1110	General Chemistry I	4
MATH 1140	Precalculus	4
ENGLISH 1005	College Writing and Research	3
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1120	General Chemistry II	4
MATH 1420	Calculus I	4
COMM 1000	Oral Communication	3
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 2040	Applied Organic and Biochemistry	4
PHYSICS 1511	General Physics I	4
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
EDPSYCH 2030	Dynamics of Human Development	3
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 2010	Chemical Safety Seminar	1
CHEM 2320	Chemical Analysis	3
CHEM 2330	Chemical Analysis Laboratory	2
PHYSICS 1512	General Physics II	4
SPED 3150	Meeting the Needs of Diverse Learners in Classrooms	2
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 2110	Descriptive Inorganic Chemistry	4
TEACHING 3128	Level 2 Field Experience: Lesson Planning and Instruction	1
TEACHING 3129	Secondary and Special-Area Classroom Management	1
EDPSYCH 3148	Learning and Motivation in Classroom Contexts	3
MEASRES 3150	Classroom Assessment	2
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
SCI ED 3300/5300	Orientation to Science Teaching	4
SOCFOUND 3119	Schools and American Society	3
UNIFI/General Education or University Electives		10
<b>Hours</b>		<b>17</b>
<b>Senior</b>		
<b>Fall</b>		
CHEM 4420/5420	Physical Chemistry I	3
SCI ED 4800/5800	Methods for Teaching Secondary Science or MTSS	3
TEACHING 4170/5170	Human Relations: Awareness and Application	3
UNIFI/General Education or University Electives		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
TEACHING 3138	Secondary School Teaching	12
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>