

# ZOOLOGY: SECONDARY TEACHER CERTIFICATION, BS

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (A)	3
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		8
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
PHIL 3933	Creation and Evolution	3
General Education, Major, or Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SMED 3013	Knowing and Learning in Mathematics and Science	3
SPED 3202	Educating Exceptional Learners (D)	2
General Education and Major courses		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Zoology	4
CIED 3313	Field Experience in the Secondary Schools	3
MICR 3033	Cell and Molecular Biology	3
Major or Elective courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
General Education, Major, or Elective courses		3
<b>Hours</b>		<b>17</b>

### Senior

#### Fall

BIOL 3034	General Ecology	4
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education, Major, or Elective courses		5
<b>Hours</b>		<b>15</b>

#### Spring

CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>