

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
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1114	Introductory Biology (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		3
		Hours 16
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
		Hours 15
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
PHIL 3933	Creation and Evolution	3
General Education courses		3
		Hours 15

Spring		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education and Major courses		3
		Hours 16

Junior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Zoology	4
MICR 3033	Cell and Molecular Biology	3
SMED 4013	Classroom Interactions	3
General Education and College courses		3
		Hours 16

Spring		
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
BIOL 3204	Physiology	4
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		3
		Hours 17

Senior		
Fall		
BIOL 3034	General Ecology	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Element: Statistic: (A)	3

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SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education, College, and Elective courses		3
Hours		16
Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematic: and Science Education	3
Hours		9
Total Hours		120