

# ZOOLOGY: PRE-VETERINARY SCIENCES, 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>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
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
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
ANSI 3543	Principles of Animal Nutrition	3
PHYS 1114	College Physics I (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
PHYS 1214	College Physics II (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory (If CHEM 3053)	2
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
BIOL 3034	General Ecology	4

College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Zoology	4
BIOL 3104 or BIOL 4104	Invertebrate Zoology or General Parasitology	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major and Elective courses (suggest ENGL 3323)		13
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

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Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.