

**BS Zoology Major MAP Catalog Year 2018 – 2019: Premed with Chemistry minor**

- This is only an *example* plan!
- Must be ready for Math and English 1010 to begin Zoology program.
- Each of eight breadth requirements must be from a different program.
- Complete one breadth general education courses that also meets the diversity requirement
- **Meet with an academic adviser** to create a specialized plan that fits your needs.
- **Credit-hour (CH) requirements: 120 ch total; 40 ch of upper-division credit (≥3000 level)**
- Complete *at least 15 credit hours per semester* for efficient progress to graduation.

Courses	CH	Semester	Milestones
<b>Freshman (Semester 1)</b>			
MATH 1010, 1050, or 1080 – Intermediate or College Algebra, or pre-Calculus*	4	Sp, Su, Fa	*Depends on readiness.
ZOOL 1110 – Principles of Zoology	4	Sp, Fa	
CHEM 1200 or 1210 – Prep. for College Chemistry or Principles of Chemistry I*	5	Sp, Su, Fa	
ENGL 1010 or 2010 – Introductory or Intermediate College Writing*	3	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>16</b>		
<b>Freshman (Semester 2)</b>			
MATH 1050, 1060, or 1210 – College Algebra, Trigonometry, or Calculus I*	3	Sp, Su, Fa	*Depends on readiness. Quantitative literacy completed. Composition completed. Information literacy completed. Math requirement satisfied.
ZOOL 2220 – Diversity of Animals	4	Sp, Fa	
CHEM 1210 or 1220 – Principles of Chemistry I or II*	5	Sp, Su, Fa	
ENGL 2010 – Intermediate College Writing or American Institutions elective*	3	Sp, Su, Fa	
Information literacy	1	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>16</b>		
<b>Sophomore (Semester 3)</b>			
ZOOL 3600 – Comparative Physiology	4	Sp, Fa	*Depends on readiness. Chemistry requirement satisfied. American Institutions completed.
CHEM 1220 or 2310+2315 – Principles of Chem. II, or Organic Chem. I + lab*	5	Sp, Su, Fa	
ZOOL 2100 – Human Anatomy	4	Sp, Fa	
American Institutions, social sciences, or humanities & creative arts elective*	3	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>16</b>		
<b>Sophomore (Semester 4)</b>			
ZOOL 3300 – Genetics	4	Sp, Fa	Statistics requirement satisfied.
ZOOL 2200 – Human Physiology	4	Sp, Su, Fa	
Statistics elective	3-4	Sp, Su, Fa	
Social sciences, or humanities & creative arts elective	3	Sp, Su, Fa	
CHEM 2310+2315 or 2320+2325 – Organic Chemistry I or II + lab*	5	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>19-20</b>		

Courses	CH	Semester	Milestones
<b>Junior (Semester 5)</b>			
ZOOL 3200 – Cell Biology	4	Sp, Fa	Physics requirement satisfied.
CHEM 2320+2325 or 3070– Organic Chemistry I + lab or Biochemistry*	4-5	Sp, Su, Fa	
Physics elective	3-5	Sp, Su, Fa	
Social sciences, or humanities & creative arts elective	3	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>14-17</b>		
<b>Junior (Semester 6)</b>			
Zoology upper-division elective	3-4	Sp, Su, Fa	Experience in Zoology requirement satisfied.
ZOOL 3720 – Evolution	3	Sp, Su, Fa	
ZOOL 3450 – Ecology	4	Sp, Su, Fa	
Experience in zoology	2	Sp, Su, Fa	
Social sciences, or humanities & creative arts elective	3	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>15-16</b>		
<b>Senior (Semester 7)</b>			
Zoology upper-division elective	3-4	Sp, Su, Fa	Chemistry minor complete.
Zoology upper-division elective	3-4	Sp, Su, Fa	
CHEM 3070 Biochemistry or Elective support course	3-5	Sp, Su, Fa	
Social sciences, or humanities & creative arts elective	3	Sp, Su, Fa	
Elective support course	3-4	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>15-20</b>		
<b>Senior (Semester 8)</b>			
ZOOL 4990 – seminar	1	Sp, Fa	Breadth general education complete.
Zoology upper-division elective	3-4	Sp, Su, Fa	
Upper-division elective	3-4	Sp, Su, Fa	Diversity requirement complete.
Upper-division elective	3-4	Sp, Su, Fa	
Social sciences, or humanities & creative arts elective	3	Sp, Su, Fa	Zoology BS complete.
Elective support course	3-4	Sp, Su, Fa	
<b>Total Semester Credits</b>	<b>16-20</b>		Credit-hour requirements complete.
<b>Total BS Credits</b>	<b>121-142</b>		

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS
<input type="checkbox"/> DV (Double dip with breadth course)		

**Avoid mis-advisement!** Consult your academic advisor (weber.edu/advisors), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log into your eWeber Student Portal).

**Revision Date:**

**Notes:**