

# Bachelor of Science in ZOOLOGY (Pre-professional with Chemistry Minor)



WEBER STATE  
UNIVERSITY

## Graduation MAP

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

Catalog Year 2018-2019: MATH QL1050 Placement

NAME: \_\_\_\_\_

| <input checked="" type="checkbox"/> | Course   | Credit Hour | Semester Offered | Milestones & Notes  |
|-------------------------------------|--|-------------|------------------|---|
| <b>Freshman (Semester 1)</b>        |  |             |                  |   |
|                                     | <sup>1</sup> MATH QL1050 College Algebra               | 4           | F, Sp, Su        | <sup>1</sup> Completes Quantitative Literacy (QL) requirement<br><sup>2</sup> Completes Life Science (LS) requirement |
|                                     | <sup>2</sup> ZOOL LS1110 Principles of Zoology         | 4           | F, Sp            |   |
|                                     | CHEM 1200 Preparation for College Chemistry            | 3           | F, Sp, Su        |   |
|                                     | ENGL 1010 Introductory College Writing                 | 3           | F, Sp, Su        |   |
|                                     | CHEM 2600 Laboratory Safety                            | 1           | F, Sp            |   |
|                                     | Information Literacy Gen Ed Requirement                | 1           | F, Sp, Su        |   |
|                                     | <b>Total Semester Credits</b>                          | <b>16</b>   |                  |   |
| <b>Freshman (Semester 2)</b>        |  |             |                  |   |
|                                     | MATH 1060 Trigonometry                                 | 3           | F, Sp, Su        | <sup>3</sup> Completes Physical Science (PS) requirement<br><sup>4</sup> Completes Composition (EN) requirement       |
|                                     | ZOOL 2220 Diversity of Animals                         | 4           | F, Sp            |   |
|                                     | <sup>3</sup> CHEM PS1210 Principles of Chemistry I     | 5           | F, Sp, Su (B1)   |   |
|                                     | <sup>4</sup> ENGL EN2010 Intermediate College Writing  | 3           | F, Sp, Su        |   |
|                                     | <b>Total Semester Credits</b>                          | <b>15</b>   |                  |   |
| <b>Freshman (Optional)</b>          |  |             |                  |   |
|                                     | CHEM 1220 Principles of Chemistry II                   | 5           | F, Sp, Su (B2)   |   |
|                                     |  |             |                  |   |
|                                     | <b>Total Semester Credits</b>                          | <b>5</b>    |                  |   |
| <b>Sophomore (Semester 3)</b>       |  |             |                  |   |
|                                     | ZOOL 3600 Comparative Physiology                       | 4           | F, Sp            |   |
|                                     | CHEM 2310/2315 Organic Chemistry I/Lab                 | 5           | F, Sp, Su (B1)   |   |
|                                     | MATH 1210 Calculus I                                   | 4           | F, Sp, Su        |   |
|                                     | ZOOL 2200 Human Physiology                             | 4           | F, Sp, Su        |   |
|                                     | <b>Total Semester Credits</b>                          | <b>17</b>   |                  |   |
| <b>Sophomore (Semester 4)</b>       |  |             |                  |   |
|                                     | ZOOL 3300 Genetics                                     | 4           | F, Sp            |   |
|                                     | CHEM 2320/2325 Organic Chemistry II/Lab                | 5           | F, Sp, Su (B2)   |   |
|                                     | ZOOL 2100 Human Anatomy                                | 4           | F, Sp            |   |
|                                     | General Education Breadth CA, DV, HU, SS (table below) | 3           | F, Sp, Su        |   |
|                                     | <b>Total Semester Credits</b>                          | <b>16</b>   |                  |   |
| <b>Sophomore (Optional)</b>         |  |             |                  |   |
|                                     |  |             |                  |   |
|                                     |  |             |                  |   |
|                                     | <b>Total Semester Credits</b>                          |             |                  |   |

| <input checked="" type="checkbox"/> | Course  | Credit Hours   | Semester Offered   | Milestones & Notes   |
|-------------------------------------|---|----------------|--------------------|--|
| Junior (Semester 5)                 |   |                |                    |  |
|                                     | MICR LS2054 Principles of Microbiology  | 4              | F, Sp, Su          | <sup>5</sup> Completes Physical Science (PS) or Life Science (LS) requirement  |
|                                     | CHEM 3070/3075 Biochemistry/Lab   | 4              | F, Sp, Su (B2)     |  |
|                                     | <sup>5</sup> PHYS PS2010 College Physics I -or-<br>PHYS PS2210 Physics for Scientists & Engineers I | 5              | F, Sp, Su<br>F, Sp |  |
|                                     | General Education Breadth CA, DV, HU, SS (table below)  | 3              |                    |  |
|                                     | <b>Total Semester Credits</b>   | <b>16</b>      |                    |  |
| Junior (Semester 6)                 |   |                |                    |  |
|                                     | ZOOL 3200 Cell Biology  | 4              | F, Sp              | *Options include ZOOL 3470, 3500, 3730, 4050, 4100, 4120, 4210, 4220, 4300, 4350, 4470, 4480, 4490, 4640, 4650, 4660, 4670, 4680, 4900 |
|                                     | ZOOL 3720 Evolution   | 3              | F, Sp, Su          |  |
|                                     | *UD Zoology Elective  | 3-4            |                    |  |
|                                     | PHYS PS2020 College Physics I -or-<br>PHYS PS2220 Physics for Scientists & Engineers I              | 5              | F, Sp              |  |
|                                     | <b>Total Semester Credits</b>   | <b>15-16</b>   |                    |  |
| Junior (Optional)                   |   |                |                    |  |
|                                     |   |                |                    |  |
|                                     | <b>Total Semester Credits</b>   |                |                    |  |
| Senior (Semester 7)                 |   |                |                    |  |
|                                     | ZOOL 3450 Ecology   | 4              | F, Sp              |  |
|                                     | *UD Zoology Elective  | 3-4            |                    |  |
|                                     | Zoology Statistics Requirement  | 3-4            |                    |  |
|                                     | General Education Breadth CA, DV, HU, SS (table below)  | 3              |                    |  |
|                                     | General Education Breadth CA, DV, HU, SS (table below)  | 3              |                    |  |
|                                     | <b>Total Semester Credits</b>   | <b>16-18</b>   |                    |  |
| Senior (Semester 8)                 |   |                |                    |  |
|                                     | ZOOL 4990 Seminar   | 1              | F, Sp              | **Options include ZOOL 4800, 4830, 4890, 4900, 4920, 4950, 4970, 4980  |
|                                     | *UD Zoology Elective  | 3-4            |                    |  |
|                                     | *UD Zoology Elective  | 3-4            |                    |  |
|                                     | American Institutions (AI) requirement  | 3              | F, Sp, Su          |  |
|                                     | General Education Breadth CA, DV, HU, SS (table below)  | 3              |                    |  |
|                                     | **Experience in Zoology Elective  | 2              |                    |  |
|                                     | <b>Total Semester Credits</b>   | <b>15-17</b>   |                    |  |
| Senior (Optional)                   |   |                |                    |  |
|                                     |   |                |                    |  |
|                                     | <b>Total Semester Credits</b>   |                |                    |  |
|                                     | <b>Total Bachelor Credits</b>   | <b>131-136</b> |                    |  |

**Gen Ed Breadth Requirements (do not duplicate departments)**

|  |                             |                                   |
|--|-----------------------------|-----------------------------------|
| <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 misadvisement!** 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: 5/31/18**

**Notes :** At least 40 Upper Division credit hours (courses numbered 3000 or higher) are required to earn a bachelor's degree.

A minimum of 120 credit hours is required for a bachelor's degree.