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|--------------------------------|------------------------|
| <b>Department:</b>             | <b>Biology</b>         |
| <b>Course Plan to Complete</b> | <i>B.S. in Zoology</i> |

[Zoology, B.S. \(Catalogue\)](#)

| Year 1 |                   |   |         |        |                   |  |         |
|--------|-------------------|---|---------|--------|-------------------|--|---------|
| Fall   |                   |   |         | Spring |                   |  |         |
| Prefix | Course #          | Course Name (catalogue)                       | Credits | Prefix | Course #          | Course Name (catalogue)                | Credits |
| BCOR   | 011 (or BIOL 001) | Exploring Biology                             | 4       | BCOR   | 012 (or BIOL 002) | Exploring Biology                      | 4       |
| CHEM   | 031               | General Chemistry 1                           | 4       | CHEM   | 032               | General Chemistry 2                    | 4       |
| MATH   | 019 (or 021)      | Fundamentals of Calculus I                    | 3       |        |                   | Quantitative Elective*                 | 3       |
|        |                   | TAP   | 3       |        |                   | D1 Diversity                           | 3       |
|        |                   |   | 14      |        |                   |  | 14      |
| Year 2 |                   |   |         |        |                   |  |         |
| Fall   |                   |   |         | Spring |                   |  |         |
| Prefix | Course #          | Course Name (catalogue)                       | Credits | Prefix | Course #          | Course Name (catalogue)                | Credits |
| BCOR   | 102 or 103        | Ecology & Evolution or Molecular Cell Biology | 4       | BCOR   | 101               | Genetics                               | 3       |
| CHEM   | 141               | Organic Chemistry 1                           | 4       | CHEM   | 142               | Organic Chemistry 2                    | 4       |
| STAT   | 141 or higher     | Basic Statistical Methods*                    | 3       |        |                   | Distribution                           | 3       |
|        |                   | Distribution/Sustainability                   | 3       |        |                   | D2 - Diversity (Non-European Cultures) | 3       |
|        |                   |   |         |        |                   | Elective                               | 3       |
|        |                   |   | 14      |        |                   |  | 16      |
| Year 3 |                   |   |         |        |                   |  |         |
| Fall   |                   |   |         | Spring |                   |  |         |
| Prefix | Course #          | Course Name (catalogue)                       | Credits | Prefix | Course #          | Course Name (catalogue)                | Credits |
|        |                   | Advanced Zoology -related elective**          | 4       |        |                   | Advanced Zoology -related elective**   | 4       |
| Biol   | 198               | Undergraduate Research***                     | 3       | Biol   | 298               | Undergraduate Research***              | 3       |
|        |                   | Quantitative Elective*                        | 5       |        |                   | Quantitative Elective*                 | 5       |
|        |                   | Distribution                                  | 3       |        |                   | Distribution                           | 3       |
|        |                   |   | 15      |        |                   |  | 15      |
| Year 4 |                   |   |         |        |                   |  |         |
| Fall   |                   |   |         | Spring |                   |  |         |
| Prefix | Course #          | Course Name (catalogue)                       | Credits | Prefix | Course #          | Course Name (catalogue)                | Credits |
|        |                   | Advanced Zoology -related elective**          | 4       |        |                   | Advanced Zoology -related elective**   | 4       |
|        |                   | Advanced Zoology -related elective**          | 3       |        |                   | Advanced Zoology -related elective**   | 3       |
|        |                   | Distribution                                  | 3       |        |                   | Distribution                           | 3       |
|        |                   | Quantitative Elective*                        | 3       |        |                   | Elective                               | 3       |
|        |                   | Elective                                      | 3       |        |                   | Elective                               | 3       |
|        |                   |   | 16      |        |                   |  | 16      |

**Notes:**

\*At least 15 credits in quantitative disciplines from among mathematics (MATH 020 or higher), physics (PHYS 011 or higher), or statistics (at least one course is required from STAT 141 or higher).

\*\*At least 27 credits in zoology or related fields.

\*\*\*Research not required but highly recommended; up to six credits can be applied toward the 27 credits of Zoology Advanced Electives.

No more than 50 credits in the major field will be counted toward the 120 required hours.

**Distribution Requirements: B.S. degrees in the College of Arts and Sciences will be required to complete the following:**

*Natural Sciences: two courses with labs from specific departments, as defined by the major.*

*Mathematical Sciences: Two courses as defined by the major requirements.*

*Social Sciences: Two 3-credit courses in social science disciplines.*

● *In addition, B.S. degree students are required to complete course in TWO of the following THREE categories:*

*Fine Arts disciplines and Literature disciplines (two courses- one course in each area).*

*Foreign Language: two courses in the same foreign language.*

*Humanities: two 3-credit courses in a humanities discipline.*

**General Requirements:**

*One Diversity Category 1 course – minimum 3 credits*

*One Diversity Category 2 course from list of D2 Non-European Cultures courses – minimum 3 credits*

*One Sustainability Category course - minimum 3 credits*

*One Writing and Information Literacy course– minimum 3 credits*

*One Quantitative Reasoning course-minimum 3 credits*

>>A TAP course will satisfy UVM's Writing and Information Literacy requirement and might also count toward a distribution.

>>>Sustainability courses and Diversity courses might also count toward a distribution.

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