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| Name: Click or tap here to enter text.University of Wisconsin MilwaukeeMajor in Biological SciencesEcology, Evolution, Behavior (EEB) Option | BioSci Faculty Advisor: Dr. UWM ID: Click or tap here to enter text. |

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| **Requirements**  |
| * 34 BioSci credits (150, 152 are the only 100-level course that count toward the major)
 |
| * 4 lab courses total (including 150, 152, plus 310 and at least one elective course with laboratory components)
 |
| * Approved capstone course
 |
| * At least 26 credits in BioSci courses number 300 or greater
 |
| * At least 2.0 GPA in BioSci courses for major
 |
| * At least 3.75 GPA in BioSci courses for honors in the major
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| **FALL**1. *Example: BioSci150 - 4 cr*
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BioSci Total Credit BioSci >300 level  | **SPRING**1. Click or tap here to enter text.
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BioSci Total Credit BioSci >300 level  |

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|  **FOUNDATIONS:** Required for all majors. Take sequentially. |
| [ ]  BioSci 150 | [ ]  BioSci 152 | [ ]  BioSci 325 |

**SOPHMORE YEAR**

**FIRST YEAR**

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|  **EEB GATEWAY COURSES:** Required courses for EEB option.  |
|  [ ]  BioSci 310 (Can take after BioSci 152) [ ]  BioSci 465 |
|  **LAB COURSES:** BioSci 150, 152, 310 required lab courses. See elective lab options on Page 2. |
| [ ]  BioSci 150 | [ ]  BioSci 310 |
| [ ]  BioSci 152 | [ ]  BioSci  |
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**CAPSTONE REQUIREMENT:** See capstone options on page 2. [ ]  BioSci

**JUNIOR YEAR**

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| **CHEMISTRY COURSES:** Required for all majors.  |
| [ ]  Chem 102 [ ]  Chem 104 |
| An Organic Chem series may be preferred for some graduate programs – talk to your advisor! |

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| **MATH REQUIREMENTS:** Take at least one semester of Calculus (Math 211, 213, 221, 231). The L&S Statistics requirement will be fulfilled by BioSci 465, which is required for the EEB option. |
| [ ]  Math  | [ ]  BioSci 465 |

**SENIOR YEAR**

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| **PHYSICAL SCIENCES REQUIREMENTS:**  Choose at least one of the following options. |
| [ ]  Geog 120[ ]  GeoSci 100[ ]  GeoSci 102[ ]  GeoSci 108[ ]  GeoSci 150+151 | [ ]  Physics 120+121[ ]  Physics 122+123[ ]  Physics 209+214[ ]  Physics 210+215[ ]  Physics 219[ ]  Physics 220 |

**GENERAL EDUCATION REQUIREMENTS**

See L&S advisor each semester for additional L&S/University requirements for the degree pathway

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BioSci Total Credit BioSci >300 level  |

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BioSci Total Credit BioSci >300 level  |

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BioSci Total Credit BioSci >300 level  | **SPRING**1. Click or tap here to enter text.
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BioSci Total Credit BioSci >300 level  |

**TOTALS:**

BioSci Total Credit BioSci >300 level

**EEB OPTION WITHIN MAJOR IN BIOLOGICAL SCIENCES - COURSES BY SEMESTER**

**Fall Semester EEB Courses**

**Course (cr) Course Name**

BioSci 150 (4) Foundation of Biological Sci I (**L**)

BioSci 152 (4) Foundation of Biological Sci II (**L**)

BioSci 310 (4) Ecology (**L**)

BioSci 325 (4) Genetics

BioSci 383 (4) General Microbiology (**L**)

BioSci 451 (3) Field Methods in Conservation (**L**)

BioSci 465 (3) Biostatistics

BioSci 480 (3) Ecological Genetics

BioSci 501 (3) Aquatic & Plant Ecophysiology Lab (**L**)

BioSci 502 (3) Intro Programing/Modeling Ecol Evol

BioSci 505 (3) Conservation Biology

BioSci 511 (3) Ichthyology

BioSci 512 (3) Limnology

BioSci 539 (4) Lab Techniques Molec Biol (**L**)

BioSci 542 (3) Biological Electron Microscopy

BioSci 543 (2) Scan Electron Microscopy Lab (**L**)

BioSci 599 (1-3) Special Topics in BioSci

Additional BioSci courses can be counted for major with proper justification and advisor approval.

**Spring Semester Courses**

**CAPSTONE** - Take at least one course or independent study credits:

**Capstone Courses**

BioSci 611 (2) Seminar Limnology & Oceanography

BioSci 670 (1) Senior Seminar in Biological Sciences

CES 471**\*** (4)Pract. In Nat. Resource Manag.

**Capstone Independent Study**

*Up to six credits can count towards the major*

BioSci 695 Ind Study in Freshwater Science

BioSci 699 Ind Study

Honors 686\*\* Research in Honors

Honors 687\*\* Senior Honors Project

Honors 689\*\* Senior Honors Thesis

**CROSS-LISTED COURSES**

*Up to six credits can count towards the major*

Anthro 301 (3) Human Evolution & Variation

CES 471**\*** (4) Pract. In Nat. Resource Manag.

Chem 501 (3) Biochemistry (Org Chem pre-req.)

**Course (cr) Course Name**

BioSci 150 (4) Found. of Biological Sci I (**L)**

BioSci 152 (4) Found. of Biological Sci II (**L)**

BioSci 310 (4) Ecology (**L)**

BioSci 325 (4) Genetics

BioSci 358 (2) Birds of Wisconsin (**L**)

BioSci 383 (4) General Microbiology (**L**)

BioSci 406 (3) Marine Biology

BioSci 440 (3) Ecol/Evolution of Amphib & Reptiles

BioSci 465 (3) Biostatistics

BioSci 469 (2) Genomic Data Analysis

BioSci 500 (3) Plant Physiology

BioSci 523 (3) Ecology & Evolution of Birds

BioSci 532 (3) Behavioral Ecology

BioSci 544 (3) Trans Electron Microscopy Lab (**L**)

BioSci 575 (3) Evolutionary Biology

BioSci 599 (1-3) Special Topics in BioSci

**Summer Semester Courses**

BioSci 150 (4) Found. of Biological Sci I (**L)**

BioSci 152 (4) Found. of Biological Sci II (**L)**

BioSci 325 (4) Genetics

BioSci 562 (1-2) Topics in Field Biology

**Additional Undergraduate Research and Internship Opportunities**

Talk to your advisor about these!

BioSci 290 (1-3) Ind Study and Research

BioSci 296 (1-3) UROP Research Apprenticeship

BioSci 289 (1-6) Internship (Lower)

BioSci 489 (1-6) Internship (Upper)

BioSci 496 (1-3) UROP Research Apprenticeship

Also see Office Undergrad Research uwm.edu/our

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| **Abbreviations****(L)** Course will count toward the four-lab requirementNot all courses taught every semester.Several courses offered irregularly – check with your advisor!**\*** Only count for Capstone if CES-BioSci Double Major**\*\***BioSci departmental approval required for capstone credit |

**Faculty Advisor’s Notes/Comments:** Click or tap here to enter text.