

# Conservation Biology Spring 2026 Courses

Level: E=Elementary, I=Intermediate, A=Advanced (L&S Students need at least 60 credits of I/A)

Be sure to check your DARs report and class pre-requisites!

If questions, schedule an appointment with Ginny Jackson (vjackson4@wisc.edu), Conservation Biology Advisor

| Course Number                | Credits | Level | Course Title                           |
|------------------------------|---------|-------|----------------------------------------|
| <b>Introductory Biology</b>  |         |       |                                        |
| Biology/ Zoology 101         | 3       | E     | Animal Biology (Lec)                   |
| Biology/ Zoology 102         | 2       | E     | Animal Biology Lab (Lab)               |
| Biology/ Botany 130          | 5       | E     | General Botany (Lec/Lab/Disc)          |
| Biology/ Botany/ Zoology 151 | 5       | E     | Introductory Biology I (Lec/Lab/Disc)  |
| Biology/ Botany/ Zoology 152 | 5       | E     | Introductory Biology II (Lec/Lab/Disc) |
| Biocore 383*                 | 3       | I     | Cellular Biology (Lec/Disc)            |
| Biocore 384*                 | 2       | I     | Cellular Biology (Lab/Disc)            |

\*Biocore is an honors biology sequence that requires admission to the competitive Biocore program, biocore.wisc.edu

|                               |   |   |                                    |
|-------------------------------|---|---|------------------------------------|
| <b>Introductory Chemistry</b> |   |   |                                    |
| Chemistry 103                 | 4 | E | General Chemistry I (Lec/Lab/Disc) |
| Chemistry 108                 | 5 | E | Chemistry in Our World (Lec/Lab)   |

|                             |   |   |                                             |
|-----------------------------|---|---|---------------------------------------------|
| <b>Physical Environment</b> |   |   |                                             |
| Atm Ocn/ Geoscience 105     | 3 | E | Survey of Oceanography (Lec/Lab)            |
| Envir St/ Geoscience 106    | 3 | E | Environmental Geology (Lec/Disc)            |
| Envir St/ Geography 120     | 3 | E | Introduction to the Earth System (Lec/Disc) |
| Geoscience 100              | 3 | E | General Geology (Lec/Disc)                  |

|                                |   |   |                                                |
|--------------------------------|---|---|------------------------------------------------|
| <b>Ecology &amp; Evolution</b> |   |   |                                                |
| Botany/ F&W Eco/ Zoology 460   | 4 | I | General Ecology (Lec/Lab/Disc)-Ecology         |
| Geoscience 110                 | 4 | E | Evolution and Extinction (Lec/Disc) -Evolution |
| Anthro/ Botany/ Zoology 410    | 3 | I | Evolutionary Biology (Lec/Disc) -Evolution     |

|                   |   |   |                                                              |
|-------------------|---|---|--------------------------------------------------------------|
| <b>Statistics</b> |   |   |                                                              |
| Statistics 240    | 4 | I | Data Science Modeling I (Lec/Disc)                           |
| Statistics 301    | 3 | I | Introduction to Statistical Methods (Lec/Disc)               |
| Statistics 371    | 3 | I | Introductory Applied Statistics for Life Sciences (Lec/Disc) |

Compare Statistics class options: [Statistics Intro Courses - Google Docs](#)

|                                    |   |   |                                                                                   |
|------------------------------------|---|---|-----------------------------------------------------------------------------------|
| <b>Species &amp; Field Biology</b> |   |   |                                                                                   |
| Animal Science/ Zoology 520        | 3 | I | Ornithology (Lec)                                                                 |
| Animal Science/ Zoology 521        | 3 | I | Birds of Southern Wisconsin (Lab/Disc)                                            |
| Anthropology 391                   | 3 | I | Bones for the Archaeologist (Lec)                                                 |
| Botany/ P Path 332                 | 4 | I | Fungi (Lec/Lab)                                                                   |
| Botany/ P Path 333                 | 3 | I | Biology of Fungi (Lec) meets with 332 but lecture only                            |
| Botany 401                         | 4 | I | Vascular Flora of Wisconsin (Lec/Lab)                                             |
| Botany 473                         | 3 | I | Plant-Insect Interactions (Lec)                                                   |
| Botany 575:001*                    | 3 | I | Plant Ecophysiology in Hawai'i (Lec) <a href="#">Oct 22 Application Deadline!</a> |
| Entom/ Zoology 302                 | 4 | I | Introduction to Entomology (Lec/Lab)                                              |
| Entom/ MM&I/ Path-Bio/ Zoo 350     | 3 | I | Parasitology (Lec)                                                                |

| <b>Species &amp; Field Biology Cont.</b> |   |   |                                                             |
|------------------------------------------|---|---|-------------------------------------------------------------|
| Envir St/ Zoology 510                    | 3 | I | Ecology of Fishes (Lec/Disc)                                |
| Envir St/ Zoology 511                    | 2 | A | Ecology of Fishes Lab (Lab)                                 |
| F&W Ecol 306                             | 4 | I | Terrestrial Vertebrates: Life History and Ecology (Lec/Lab) |
| F&W Ecol 655                             | 3 | I | Animal Population Dynamics (Lec)                            |
| Land Arc/ Env St 361                     | 3 | I | Wetlands Ecology (Lec)                                      |
| Land Arc 581                             | 3 | A | Prescribed Fire: Ecology & Implementation                   |
| Microbio 303                             | 3 | I | Biology of Microorganisms (Lec)                             |
| Microbio 304                             | 2 | I | Biology of Microorganisms Lab (Lab)                         |
| MM&I/ Path-Bio/ Zoology 350              | 3 | I | Parasitology (Lec)                                          |
| Zoology 425                              | 3 | I | Behavioral Ecology (Lec)                                    |

\*Not yet coded into DARs, let Ginny know if you enroll to update your DARs report, [vjackson4@wisc.edu](mailto:vjackson4@wisc.edu)

| <b>Conservation Biology Class Requirement</b> |   | <b>Required for students who declared the ConsBio major during Fall 2024 or later<br/>All ConsBio students welcome to enroll</b> |                            |
|-----------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Botany 516                                    | 3 | A                                                                                                                                | Conservation Biology (Lec) |

| <b>Social Science Electives</b> |   |   |                                                                                                                               |
|---------------------------------|---|---|-------------------------------------------------------------------------------------------------------------------------------|
| AAE 101                         | 4 | E | Intro to Agricultural and Applied Economics (Lec/Disc)                                                                        |
| Botany/Amer Ind/ Anthro 474     | 3 | I | Ethnobotany (Lec)                                                                                                             |
| C&E Soc/ Soc 140                | 3 | E | Intro to Community and Environmental Soc (Lec/Disc)                                                                           |
| Econ 101                        | 4 | E | Principles of Microeconomics (Lec/Disc)                                                                                       |
| Envir St/ Geography 139         | 3 | E | Global Environmental Issues (Lec/Disc)                                                                                        |
| Envir St/ Geography 339         | 4 | I | Environmental Conservation (Lec/Disc)                                                                                         |
| Envir St/ History 465*          | 4 | I | Global Environmental History (Lec/Disc)                                                                                       |
| Geography 175: 001*             | 3 | E | The Social Dimensions of Climate Change (Lec) see "instructor provided content" in CS&D section details for class description |
| Geography 344                   | 3 | I | Changing Landscapes of the American West (Lec)                                                                                |
| Geography 538                   | 4 | A | The Humid Tropics: Ecology, Subsistence, and Development (Lec)                                                                |
| Land Arc 363                    | 3 | I | Earth Partnership: Restoration Education for Equity and Resilience (Fld)                                                      |

| <b>Additional Electives</b> |   |      |                                                                                                          |
|-----------------------------|---|------|----------------------------------------------------------------------------------------------------------|
| Atm Ocn 100                 | 3 | E    | Weather and Climate (Lec)                                                                                |
| Botany/ Plant Path 123      | 3 | E    | Plants, Parasites, and People (Lec/Lab)                                                                  |
| Botany/ Zoology 260         | 3 | E    | Introductory Ecology (Lec/Disc)                                                                          |
| Entom 201                   | 3 | E    | Insects and Human Culture -a Survey Course in Entomology (Lec)                                           |
| Envir St 126                | 4 | E    | Principles of Environmental Science (Lab)                                                                |
| Envir St/ Geog/ Soil Sc 230 | 3 | I    | Soil: Ecosystem and Resource (Lec)                                                                       |
| Envir St/ Geog 377          | 4 | I    | An Intro to Geographic Information Systems (Lec/Lab)                                                     |
| Envir St/ Pop Hlth 471      | 3 | I    | Intro to Environmental Health (Lec)                                                                      |
| Envir St/ Soil Sc 575       | 3 | I    | Assessment of Environmental Impact (Lec/Disc)                                                            |
| F&W Ecol 395                | 3 | NONE | Data and GIS Tools for Ecologists (Lec/Lab)                                                              |
| F&W Ecol 448*               | 3 |      | Disturbance Ecology (Lec)                                                                                |
| F&W Ecol 449*               | 1 |      | Disturbance Ecology Lab (I): Herbivores and Fire (Lab)                                                   |
| F&W Ecol 458*               | 3 | I    | Environmental Data Science (Lec)                                                                         |
| Geography 475: 002*         | 3 | I    | Energy Geographies (Lec) see "instructor provided content" in CS&D section details for class description |
| Genetics 466                | 3 | I    | Principles of Genetics (Lec)                                                                             |

| <b>Additional Electives Cont.</b> |   |   |                                                                |
|-----------------------------------|---|---|----------------------------------------------------------------|
| Genetics 467                      | 3 | I | General Genetics I (Lec)                                       |
| Genetics 527                      | 3 | A | Developmental Genetics for Conservation and Regeneration (Lec) |
| Land Arc 211                      | 3 | E | Shaping the Built Environment (Lec/Disc)                       |
| Microbio 101                      | 3 | E | General Microbiology (Lec)                                     |
| Microbio 102                      | 2 | E | General Microbiology Lab (Lab)                                 |
| Plant Path 315                    | 4 | I | Plant Microbiomes (Lec/Lab)                                    |
| Zoology 400:001*                  | 3 | I | Stream Ecology (Lec)                                           |

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