



Pre-Fisheries

The Profession

Fisheries biology is that branch of science that examines the life histories and environmental relationships of fish and other aquatic organisms.

The Program at UW-Platteville

The pre-fisheries program at UW-Platteville consists of selected courses that will provide the student with a basic body of knowledge to meet the admissions requirements for schools offering degrees in fisheries biology. Pre-fisheries students are encouraged to fulfill one summer school session at the Pigeon Lake Field Station. Together the student and the faculty advisor will plan the curriculum to satisfy requirements of the particular school(s) in which the student is interested.

PLEASE NOTE: Pre-fisheries is a preprofessional program; therefore, the student must also indicate an academic major because a preprofessional program is not a major but rather a statement of intent.

High School Preparation

The high school student needs to acquire a strong four-year program which involves a science and mathematics background. In addition, a good background in communication and social skills is helpful.

Faculty and Facilities

The University of Wisconsin-Platteville provides the student with a strong liberal studies curriculum, a dedicated faculty and modern facilities to support the program, including well equipped chemistry and biology laboratories.

Placement

The University of Wisconsin-Platteville will work with students to place them in quality professional schools or graduate programs of fisheries.

Career Opportunities

Fisheries biologists find employment in private industry, academia and state and federal agencies. Employment opportunities for candidates will be enhanced with a graduate degree in the field. Career positions as professional fishery biologists, both management and research, normally require bachelor's and master's degrees in fishery science.

Suggested Course of Study

The requirements of the UW-Platteville pre-fisheries biology program are those necessary or recommended for admission into many fisheries biology programs. Pre-fisheries biologists are advised to meet with their advisor as well as seek information about course and grade point requirements from the school they plan to attend.

Science/Mathematics

- 1) General Botany 1350
- 2) General Zoology 1450
- 3) Vertebrate Zoology 2730
- 4) Freshwater Biology 3110
- 5) General Ecology 3430
- 6) Principles of Genetics 3330
- 7) Field Zoology 3630
- 8) Entomology 3340
- 9) General Chemistry 1140 and 1240
- 10) Pre-Calculus 2450
- 11) Elementary Statistics 1830

Humanities/Social Sciences

- 1) English 1130 and English 1230 (or exemption)
- 2) Public Speaking 1010
- 3) Humanities
- 4) Social Sciences

For More Information

For more information write to the Pre-Fisheries Advisor, Department of Biology, University of Wisconsin-Platteville, 1 University Plaza, Platteville, Wisconsin 53818-3099, or call 608.342.1793.

For general information on the university and its programs, consult the website at www.uwplatt.edu or contact the UWP Prospective Student Services, University of Wisconsin-Platteville, 1 University Plaza, Platteville, WI 53818-3099, or call toll-free 1.877.897.5288 or locally 608.342.1068.

Suggested Course of Study

First Year

First Semester

| | | |
|------|---|-----------|
| 1130 | English | 3 |
| 1000 | Intermediate Algebra or 1530 College Algebra or 2530 Trigonometry | 3 |
| 1140 | Chemistry | 4 |
| 1350 | Botany (or 1450 Zoology) | 5 |
| | Phy Ed | 1 |
| | | 16 |

Second Semester

| | | |
|------|---|-----------|
| 1230 | English | 3 |
| 2430 | Elementary Statistics or 2450 Pre-calculus | 3 |
| 1240 | Chemistry | 4 |
| 1450 | Zoology (or 1350 Botany) | 5 |
| 2230 | Soils | 3 |
| | | 18 |

Second Year

First Semester

| | | |
|------|---|--------------|
| 3430 | General Ecology | 3 |
| 3340 | Entomology | 4 |
| | Elective (upper division) | 3-4 |
| | Humanity or Computer Science or Social Science | 3 |
| 3800 | Environmental Law | 3 |
| | Phy Ed | 1 |
| | | 17-18 |

Second Semester

| | | |
|------|---|--------------|
| 1010 | Public Speaking | 2 |
| 2730 | Vertebrate Zoology | 3 |
| 3330 | Genetics | 3 |
| | Elective (Upper Division) | 3-7 |
| | Humanity or Computer Science or Social Science | 3 |
| | | 14-18 |

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