

# CAREER OPPORTUNITIES

UW-La Crosse's Career Services Center actively assists students in preparing for job searches and in locating positions after graduation. The center conducts workshops in resume preparation, interviewing and locating internships.

- UWL Career Services: [www.uwlax.edu/Career-Services](http://www.uwlax.edu/Career-Services)
- General information regarding careers in plant and fungal biology can be found at:

Botanical Society of America  
[www.botany.org/bsa/careers/](http://www.botany.org/bsa/careers/)

American Society of Plant Biologists  
[www.my.aspb.org/?page=Career\\_Center](http://www.my.aspb.org/?page=Career_Center)

- ACADEMIC/GRADUATE SCHOOL: After completion of an undergraduate degree, students may pursue education at the graduate level at UWL Master's of Science Program in Biology or at another institution.
- NON-ACADEMIC: Depending on your education and skill set, career options involving plants and fungi exist within all levels of local, tribal, state and federal governments. Private industry provides ample opportunity for careers in plant and fungal biology outside of academia.
- General information regarding science careers in academia and beyond can be found at:  
American Association for the Advancement in Science  
[www.sciencemag.org/careers](http://www.sciencemag.org/careers)



BIOLOGY | **UW**

[uwlax.edu/Biology](http://uwlax.edu/Biology)

UNIVERSITY OF WISCONSIN-LA CROSSE  
College of Science and Health

**Department of Biology (Plant/Fungal Concentration)**

3005 Cowley Hall

1725 State St. | La Crosse, WI 54601 USA

608.785.8238

UWL Admissions Office: [www.uwlax.edu/admissions](http://www.uwlax.edu/admissions)

UWL Financial Aid Office: [www.uwlax.edu/finaid](http://www.uwlax.edu/finaid)

Information in this brochure is subject to change. Visit our website for current information — [www.uwlax.edu/Biology](http://www.uwlax.edu/Biology)



UNIVERSITY OF WISCONSIN-LA CROSSE

COLLEGE OF SCIENCE AND HEALTH

UNIVERSITY OF WISCONSIN  
**LA CROSSE** **UW**

## BIOLOGY MAJOR PLANT AND FUNGAL BIOLOGY CONCENTRATION



[www.uwlax.edu/Biology](http://www.uwlax.edu/Biology)



## WHAT IS THE BIOLOGY MAJOR: PLANT AND FUNGAL BIOLOGY CONCENTRATION

Traditionally, botany is the biological study of organisms excluding animals. Our biology major includes a plant and fungal concentration giving students the opportunity to pursue a coordinated, focused study within the broader study of botany. While all biology majors take required core biology, chemistry, and math courses, coursework in this concentration offers a more plant and/or fungal biology curriculum-based perspective.

### BIOLOGY MAJOR PLANT AND FUNGAL BIOLOGY CONCENTRATION

#### UNDERGRADUATE RESEARCH/INTERSHIPS:

One of the most helpful aspects of career preparation in the plant and fungal sciences are on-campus and off-campus research and internship experiences. Research and internships provide excellent opportunities to work with faculty and experience the professional workplace. They often provide contacts for future jobs and experiences sought by employers. For more information regarding undergraduate research, visit:

UWL Undergraduate Research & Creativity:  
[www.uwlax.edu/URC](http://www.uwlax.edu/URC)

Biology Faculty profiles, research interests:  
[www.uwlax.edu/Biology/Faculty-research-interests](http://www.uwlax.edu/Biology/Faculty-research-interests)

#### STUDENT ORGANIZATIONS AND FACULTY ADVISING:

- Botany & Campus Garden Club
- Biology Club
- Mycology Club

As a biology major, you will have an assigned advisor.

#### Biology Faculty Profiles:

[www.uwlax.edu/Biology/Our-people](http://www.uwlax.edu/Biology/Our-people)



In addition to the coursework, students are encouraged to participate in student organizations, undergraduate research and/or summer internships. These experiences increase a student's applied understanding of the more formal education offered in class-based coursework. Our faculty who specialize in plant and fungal biology offer a wide variety of expertise in these areas.

#### SAMPLE DEGREE PLAN:

##### YEAR 1

| Fall   | Credits   | Spring                                   | Credits   |
|--|-----------|--|-----------|
| BIO 105 (Gen Ed Natural Lab Science)         | 4         | BIO 203                                  | 4         |
| MTH 150 (Gen Ed Math) <sup>1</sup>           | 4         | Gen Ed Self & Society                    | 3         |
| Gen Ed Arts                                  | 2-3       | CHM 103 (Gen Ed Natural Lab Science)     | 5         |
| CST 110 (Gen Ed Literacy-Oral)               | 3         | ENG 110 or 112 (Gen Ed Literacy-Written) | 3         |
| HIS 101, 102, or ARC 200 (Gen Ed World Hist) | 3         |  |           |
|  | <b>16</b> |  | <b>15</b> |

##### YEAR 2

| FALL   |           | Spring                   |           |
|--|-----------|--------------------------|-----------|
| CHM 104                                      | 5         | BIO 306                  | 4         |
| MTH 145 or 265 (Gen Ed Lang/Logical Systems) | 4         | CHM 300                  | 5         |
| BIO 307                                      | 3         | Gen Ed Global Studies    | 3         |
| Gen Ed Arts                                  | 2-3       | Gen Ed Minority Cultures | 3         |
|  | <b>14</b> |                          | <b>15</b> |

##### YEAR 3

| Fall                                |           | Spring                              |   |
|-------------------------------------|-----------|-------------------------------------|---|
| BIO Elective (300/400 lab)          | 4         | BIO 315                             | 4 |
| BIO Elective                        | 3         | SAH Core (300/400 not BIO) or Minor | 3 |
| Gen Ed Hum-Lit                      | 3         | University Elective                 | 3 |
| SAH Core (300/400 not BIO) or Minor | 3         | Gen Ed Health & Well Being          | 3 |
|                                     | <b>13</b> | Gen Ed Elective3                    |   |

##### YEAR 4

| Fall                                |           | Spring                         |           |
|-------------------------------------|-----------|--------------------------------|-----------|
| BIO Elective (400 level)            | 3         | BIO 49 <sup>1</sup>            | 1         |
| BIO Elective                        | 3         | BIO Elective (300/400 level)   | 3         |
| SAH Core (300/400 not BIO) or Minor | 3         | BIO Elective                   | 3         |
| SAH Core or Minor <sup>2</sup>      | 3         | SAH Core or Minor <sup>2</sup> | 3         |
| University Elective                 | 3         | University Elective            | 3         |
|                                     | <b>15</b> | University Elective            | 3         |
|                                     |           |                                | <b>16</b> |

**Total Credits: 120**

<sup>1</sup>Or placement into MTH 151 or higher, prerequisite for CHM 103.

<sup>2</sup>See SAH BS Core Requirements for information on completing the individualized option. 300/400 requirements for graduation may be impacted.