# UWSP Biology MAJOR MAP

## 2021-2022

### GET THE COURSES YOU NEED

#### 1ST YEAR
- Explore the Foundations of Biology & Chemistry through the intro sequence.
- Establish a 4-year plan
- Take relevant GEP courses

#### 2ND YEAR
- Dive deeper into biology courses
- Take a course outside your area of interest to explore the broad field of Biology
- Consider a minor, certificate and emphasis area
- Explore a Biological Emphasis

#### 3RD YEAR
- Decide on an emphasis and career path OR keep it more general and explore many areas of Biology
- Present a poster at the School of Biology & Chemistry Research Symposium

#### 4TH YEAR
- Give a talk at the School of Biology & Chemistry symposium
- Present at the College of Letters and Science Research Symposium

### SEEK OUT RELEVANT EXPERIENCE

#### 1ST YEAR
- Talk to your Biology professors about opportunities and careers
- Attend majors’ night
- Explore Extracurriculars

#### 2ND YEAR
- Seek out experience in a research lab or summer internship opportunity
- Learn a specialized skill by taking an SEM or GIS course

#### 3RD YEAR
- Apply to relevant summer jobs, seasonal work or volunteer opportunities related to biology
- Look into options to be a teaching assistant for a biology class

#### 4TH YEAR
- Look for jobs that honor your interests, skills and values.
- Talk to Career Services about resume building and interviewing tips

### CONNECT WITH THE UWSP COMMUNITY

#### 1ST YEAR
- Join a University or Biology club
- Explore and apply for Biology Department Scholarships
- Establish healthy study habits
- Learn how to ask for help, TLC
- Establish a strong foundation

#### 2ND YEAR
- Get involved with spreading science – College Day for Kids, STEAM workshops
- Explore and apply for Biology Department Scholarships

#### 3RD YEAR
- Consider working as a biology tutor or in the writing center
- Explore and apply for Biology Department Scholarships

#### 4TH YEAR
- Join a professional association
- Network with UWSP alumni working in the sciences

### THINK LOCALLY & GLOBALLY

#### 1ST YEAR
- Seek out volunteer opportunities related to the sciences
- Think about picking up a second language
- Talk with your advisor about networking or work experience opportunities

#### 2ND YEAR
- Explore field courses through the department, university, or national (REU) or international programs
- Take a diverse curriculum to broaden your perspective
- Look into a study abroad program

#### 3RD YEAR
- Seek out job shadowing opportunities
- Think of different ways to gain experience not only in science but also communication and writing

#### 4TH YEAR
- Talk with your advisor or faculty mentor about networking or work experience opportunities

### PREPARE FOR LIFE AFTER UWSP

#### 1ST YEAR
- Talk to your advisor about possible Biology emphases and career paths

#### 2ND YEAR
- Explore requirements for full-time biology jobs
- Look into financial literacy & ways to continue to fund your education

#### 3RD YEAR
- Talk to Career Services about resume building and interviewing tips
- Explore requirements for further education (GRE, MCAT, etc.)

#### 4TH YEAR
- Apply for jobs or further education
- Look at job descriptions in your area of interest
- Meet with a Career Specialist

### What will I learn?
- Critical thinking skills relevant to all careers
- Understand and apply the fundamentals of life and natural processes
- Develop skills in laboratory techniques and experimental design
- Analyze current, scientific literature
- Apply problem solving skills
- Cultivate group collaboration strategies
- Write, review and summarize scientific work
- Use appropriate statistical analysis
- Solve quantitative problems
- Gain scientific literacy

### Where can I go?

A degree in Biology will give you a broad foundation in the biological sciences and prepare you to begin a career in the sciences, for advanced professional training or graduate work. Possible careers with a BS in Biology include, but are not limited to: research and field technician, wildlife biology, conservation biologist, microbiologists, pre-health careers, ecologist, forensics, etc.