

University Name: Winona State University

Award: BS Degree: Biology: Ecology

Total Credits: 60

3 rd Year/Fall Semester		
Course No.	Course Name	Credits
BIOL 308 or BIOL 312 & 313	Cell Biology or General Ecology and General Ecology Laboratory	3-4
BIOL	Biology elective	3
Math 120	Pre-calculus	4
Gen Ed	Goal Area courses	3-6
Semester Credits Total		13-16
Notes: MnTC Goals 1-10 must be met. If a goal area is not completed at the sending institution, it must be completed at WSU. A minimum of 40 credits of MnTC coursework is required to earn a degree. To remain at 60 credits, complete courses that meet two goal areas within Goals 5-10. WSU requires 2 credits of Physical Development & Wellness and 12 credits of upper-level intensive courses. Intensives are often included in major course requirements; check with your advisor. A minimum of 40 credits at the 300-400 level is required to earn a degree. 13 credits total of BIOL electives required.		

4 th Year/Fall Semester		
Course No.	Course Name	Credits
BIOL or STAT	Field and Quantitative Techniques course	3-4
BIOL	Biology elective	3
MATH 213	Calculus II	3
PHYS 201	General Physics I	4
Gen Ed	Goal Area courses	3
Semester Credits Total		16-17
Notes: Ecology option requires 3-4 SH from the following Field and Quantitative Techniques courses: BIOL 415, 418, 420 or STAT 305 13 credits total of BIOL electives required PHYS 201 and PHYS 202 may be substituted with PHYS 221 and PHYS 222		

3 rd Year/Spring Semester		
Course No.	Course Name	Credits
BIOL	Organismal/Systematic Ecology course	4
BIOL	Biology elective	3
CHEM 340	Organic Chemistry Survey	4
MATH 212	Calculus I	4
Semester Credits Total		15
Notes: Ecology option requires 4 SH from the following Organismal/Systematic courses: BIOL 303, 318, 319, 320, 350, or 360 13 credits total of BIOL electives required CHEM 350 & CHEM 351 may be substituted for CHEM 340 A minimum of 24 credits must be taken from the required Ecology courses and Ecology electives.		

4 th Year/Spring Semester		
Course No.	Course Name	Credits
BIOL	Principles and Processes course	3
BIOL	Biology elective	4
BIOL 499	Capstone Project	3
PHYS 202	General Physics II	4
Univ Req	Physical Development & Wellness	2
Semester Credits Total		16
Notes: Ecology option requires 3 SH from the Principles and Processes courses: BIOL 315, 380, 423, 424, 425 13 credits total of BIOL electives required		