

# BACHELOR OF SCIENCE IN BIOLOGY 2022-2023

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
BIOB 160/161 Principles of Living Systems & Lab	5	<input type="checkbox"/>
CHMY 141/142 College Chemistry I & Lab	5	<input type="checkbox"/>
<b>CATEGORY I:</b> WRIT 101 College Writing	3	<input type="checkbox"/>
<b>CATEGORY IV:</b> History/Social Science	3	<input type="checkbox"/>

**TOTAL CREDITS 16**

SOPHOMORE YEAR   FALL	CREDITS	COMPLETED
BIOB 220/221 General Botany & Lab	5	<input type="checkbox"/>
CHMY 321/322 Organic Chemistry I & Lab	5	<input type="checkbox"/>
<b>CATEGORY IV:</b> History/Social Science	3	<input type="checkbox"/>
<b>CATEGORY V:</b> Cultural Diversity	3	<input type="checkbox"/>

**TOTAL CREDITS 16**

JUNIOR YEAR   FALL	CREDITS	COMPLETED
BIOE 370/371 General Ecology & Lab	4	<input type="checkbox"/>
PHSX 205/206 College Physics I & Lab	4	<input type="checkbox"/>
Selective (See Advisor)	4	<input type="checkbox"/>
Elective/Minor	3	<input type="checkbox"/>

**TOTAL CREDITS 15**

SENIOR YEAR   FALL	CREDITS	COMPLETED
NSCI 450 Undergraduate Research I	3	<input type="checkbox"/>
Selective (See Advisor)	4	<input type="checkbox"/>
Elective/Minor	6	<input type="checkbox"/>

**TOTAL CREDITS 13**

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
CHMY 143/144 College Chemistry II & Lab	5	<input type="checkbox"/>
<b>CATEGORY I:</b> COMX 111 Intro to Public Speaking	3	<input type="checkbox"/>
<b>CATEGORY II:</b> STAT 216 Intro to Stats	3	<input type="checkbox"/>
<b>CATEGORY VI:</b> Humanities/Fine Arts	3	<input type="checkbox"/>
<b>CATEGORY VI:</b> Technology	3	<input type="checkbox"/>

**TOTAL CREDITS 17**

SOPHOMORE YEAR   SPRING	CREDITS	COMPLETED
BIOB 380/381 Zoology & Lab	5	<input type="checkbox"/>
<b>CATEGORY VI:</b> Humanities/Fine Arts	3	<input type="checkbox"/>
Elective/Minor	8	<input type="checkbox"/>

**TOTAL CREDITS 16**

JUNIOR YEAR   SPRING	CREDITS	COMPLETED
BIOB 485/486 Molecular Biology & Genetics & Lab	4	<input type="checkbox"/>
PHSX 207/208 College Physics II & Lab	4	<input type="checkbox"/>
Elective/Minor	3	<input type="checkbox"/>
Selective (See Advisor)	4	<input type="checkbox"/>

**TOTAL CREDITS 15**

SENIOR YEAR   SPRING	CREDITS	COMPLETED
BIOB 420 Evolution	4	<input type="checkbox"/>
Elective/Minor	8	<input type="checkbox"/>

**TOTAL CREDITS 12**



# THE VALUE OF YOUR BIOLOGY DEGREE



A biology degree from Montana State University-Northern provides a strong foundation in biological principles with an emphasis on molecular biology and biochemistry. The biology program offers a comprehensive undergraduate experience that will prepare you for graduate school or a career in the health sciences.

With advances in medical practice and technology, biology careers are expected to grow considerably in the next 10-20 years. The Bureau of Labor Statistics separates biology occupations into a number of specific careers, but the majority are expected to grow at average or above-average rates, with a few particular disciplines booming. Those include: epidemiology, medical science, biochemistry, and biophysics. Graduates of MSU-Northern's biology program

## 15 TO FINISH

### WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?

# 15

You're going to need 15. That's the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you're looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.