

# BS in Biology

Milligan University

Catalog Year  
2023-2024

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the University Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

FALL SEMESTER 1		
COURSE	TITLE	CREDITS
BIOL 111	Principles of Biology I	4
HUMN 101	Ancient & Medieval Cultures	4
BIBL 123	Old Testament Survey	3
MLGN 100	Intro to College & Service	0.5
CHEM 171	General Chemistry I	4
	<b>TOTAL CREDITS</b>	<b>15.5</b>

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
BIOL 112	Principles of Biology II	4
HUMN 102	Renaissance & Early Modern Cult.	4
EXSC 101	Fitness for Life	1
COMP 111	Rhetorical Composition	3
CHEM 171	General Chemistry II	4
	<b>TOTAL CREDITS</b>	<b>16</b>

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Century Cultures	4
COMP 211	Found. of Analytical Composition	3
BIOL 250	Human Anatomy and Physiology I <sup>1</sup>	4
CHEM 201	Organic Chemistry I	4
	General Electives	2
	<b>TOTAL CREDITS</b>	<b>17</b>

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Centuries	4
MLGN 200	Intro to Calling & Career	0.5
BIOL 251	Human Anatomy and Physiology II <sup>1</sup>	4
CHEM 202	Organic Chemistry II	4
COMM 102	Speech	3
	<b>TOTAL CREDITS</b>	<b>15.5</b>

FALL SEMESTER 3		
COURSE	TITLE	CREDITS
BIOL 310	Genetics	4
MATH 211 or 213	Calculus I (4 hrs) or Statistics (3 hrs) <sup>2</sup>	3-4
BIOL	Biology Elective (or CHEM 410)	4
	Social Learning Course	3
	<b>TOTAL CREDITS</b>	<b>14-15</b>

SPRING SEMESTER 3		
COURSE	TITLE	CREDITS
BIOL 352	Cell Biology	3
BIBL 124	New Testament Survey	3
BIOL	Biology Elective	4
	General Electives	6
	<b>TOTAL CREDITS</b>	<b>16</b>

FALL SEMESTER 4		
COURSE	TITLE	CREDITS
BIOL 360	Ecology	4
BIOL 494	Capstone Seminar	3
	Ethnic Studies Course	3
	General Electives	6
	<b>TOTAL CREDITS</b>	<b>16</b>

SPRING SEMESTER 4		
COURSE	TITLE	CREDITS
BIOL	Biology Elective	4
BIBL 471	Christ and Culture	3
	General Electives	10
	<b>TOTAL CREDITS</b>	<b>17</b>
<b>MINIMUM 128 NEEDED FOR GRAD</b>		<b>128</b>

<sup>1</sup> BIOL 250/251 are not required for Biology major but are recommended for pre-medical students and/or students seeking the Human Anatomy and Physiology minor

<sup>2</sup> MATH 211 is required to take physics at Milligan; if don't choose, then MATH 213 statistics is recommended

NOTE: BIOLOGY Majors must take a minimum of 50 biology and chemistry course credits

*Depending upon a student's post-bacc plans, other courses may be required for admission to graduate programs, so consult with your adviser.*

## Biology Electives:

BIOL 362 Vertebrate Biology (spring – on demand)  
BIOL 371 Advanced Anatomy (fall even years)  
BIOL 372 Advanced Physiology (spring even years)  
BIOL 385 Human Health and Disease (fall odd years)  
BIOL 380 Microbiology & Immunology (spring even years)  
BIOL 450 Molecular Biology (spring odd years)  
CHEM 410 Biochemistry I (fall)