

# BS in Biology

Milligan College

Catalog Year  
2019-20

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 College 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
	Social Learning Course	3
	<b>TOTAL CREDITS</b>	<b>14.5</b>

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
BIOL 112	Principles of Biology II	4
HUMN 102	Renaissance & Early Modern Cult.	4
BIBL 124	New Testament Survey	3
COMP 111	Rhetorical Composition	3
EXSC 101	Fitness for Life	1
	<b>TOTAL CREDITS</b>	<b>15</b>

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Century Cultures	4
COMP 211	Found. of Analytical Composition	3
BIOL 130 or 360	Plants & Society or Ecology <sup>1</sup>	4
CHEM 170	General Chemistry I	4
	<b>TOTAL CREDITS</b>	<b>15</b>

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Centuries	4
MLGN 200	Intro to Calling & Career	0.5
BIOL	Biology Elective	4
CHEM 151 or 171	Org & Biol Chem or Gen Chem II	4
COMM 102/103	Speech or Public Speaking (3 or 2 cr)	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 or Statistics (3 hrs) <sup>3</sup>	4
	General Electives	9
	<b>TOTAL CREDITS</b>	<b>17</b>

SPRING SEMESTER 3		
COURSE	TITLE	CREDITS
BIOL	Biology Elective	4
	Ethnic Studies Course	3
	General Electives	10
	<b>TOTAL CREDITS</b>	<b>17</b>

FALL SEMESTER 4		
COURSE	TITLE	CREDITS
BIOL	BIOL Elective	4
BIOL 494	Capstone Seminar <sup>2</sup>	2
BIOL	BIOL Elective	2
	General Electives	9
	<b>TOTAL CREDITS</b>	<b>17</b>

SPRING SEMESTER 4		
COURSE	TITLE	CREDITS
BIOL	Advanced (432, 450, or 452)	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> Could also choose BIOL 210 or 131 in spring in place of either BIOL 130 or 360 and take a biology elective in the fall

<sup>2</sup> Could choose BIOL 499 (2 hrs) or REU/Internship and BIOL 499C (1 hr)

<sup>3</sup> MATH 211 (fall) or MATH 171 (spring) is required to take physics; if don't choose, then MATH 213 statistics is recommended

NOTE: BIOLOGY Majors must take a total of 32 biology 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.*

**FALL Biology Electives:**

BIOL 250 Anatomy & Physiology I

BIOL 360 Ecology

BIOL 430 Advanced Anatomy

BIOL 431 Musculoskeletal Anatomy

Offered as Needed: BIOL 341 and BIOL 342

**SPRING Biology Electives:**

BIOL 210 Flora & Fauna of Southern Appalachia

BIOL 251 Anatomy & Physiology II

BIOL 362 Vertebrate Field Biology

BIOL 380 Microbiology & Immunology

BIOL 430 Advanced Anatomy

BIOL 432 Neuroanatomy

BIOL 450 Molecular Biology (odd years)