

BACHELOR OF SCIENCE - Biology (Ecology)

Dept.	Class Name	Hrs.		Dept.	Class Name	Hrs.
FRESHMAN YEAR						
BPC 100	Student Success*	3		BUS 101	Intro to Computer Applications	3
ENG 101	Writing and Rhetoric	3		ENG 102	Rhetoric and Literature	4
MTH 102	College Algebra	3		CHR 100	Intro to Biblical Worldview	3
BIO 101 + Lab	General Biology I + Lab	4		BIO 102 + Lab	General Biology II + Lab	4
CHM 111	General Chemistry I + Lab	4		CHM 112	General Chemistry II + Lab	4
	TOTAL	17			TOTAL	18
SOPHOMORE YEAR						
OPTION	Required Arts and Letters Core	3		OPTION	Required Social/Behavioral Science Core	3
MTH 104	Elementary Statistics	3		PE 205	Concepts of Fitness	2
BIO 150	Environmental Science + Lab	4		OPTION	Required Modern Language & Culture Course	3
BIO 305	Invertebrate Zoology + Lab	4		BIO 306	Vertebrate Zoology + Lab	4
CHM 335	Organic Chemistry I + Lab	4		CHM 336	Organic Chemistry II + Lab	4
	TOTAL	18			TOTAL	16
JUNIOR YEAR						
HIS 151	History of Civilization I	3		HIS 152	History of Civilization II	3
MTH 111	Precalculus	3		MTH 204	Calculus	4
OPTION	Required Fine Arts Course***	3		OPTION	Biology Elective (300-400 level)	3 or 4
BIO 307	Freshwater Ecology	4		OPTION	Required Religion and Philosophy Course	3
PHY/SCI 121	Metereology	3		CHM/BIO 338	Biochemistry	3
	TOTAL	16			TOTAL	16 or 17
SENIOR YEAR						
OPTION	Biology Elective (300-400 level)	3 or 4		BIO 400	Ecology	4
PHY 201 or 221	General Physics I or General Physics I w/Calc	4		PHY 203 or 223	General Physics II or General Physics I w/Calc	4
OPTION	General Elective	3		OPTION	General Elective	3
BIO 430	Studies in Biology I	2		BIO 431	Studies in Biology II	2
OPTION	General Elective (300-400 level)	3		OPTION	General Elective (300-400 level)	3
	TOTAL	15 or 16			TOTAL	16

TOTAL PROGRAM HOURS REQUIRED: 124-129

*Any student who has successfully completed 24 hours of college-level classes is exempt from BPC 100.

Biology majors must take BIO 101 and BIO 102 to satisfy the core science requirement. With permission from the Chair of the Division of Mathematics and Natural Sciences, any student may meet the mathematics requirement by successful completion of MTH 111, 204, or 205.

***Three semesters of Concert Choir (MUS-CC 160/ 260/360/460) fulfills the Fine Arts core requirement.