

BACHELOR OF SCIENCE - Biology (Ecology)

Dept.	Class Name	Hrs.		Dept.	Class Name	Hrs.
FRESHMAN YEAR						
BPC 100	Student Success*	3		BUS 101	Fundamentals of Computer Applications	3
ENG 101	Writing and Rhetoric	3		ENG 102	Rhetoric and Literature	3
MTH 102	College Algebra	3		CHR 100	Introduction to Biblical Worldview	3
BIO 101	General Biology I***	3		BIO 102	General Biology II***	3
BIO 101-L	General Biology I Lab	1		BIO 102-L	General Biology II Lab	1
CHM 111	General Chemistry I	3		CHM 112	General Chemistry II	3
CHM 111-L	General Chemistry I Lab	1		CHM 112-L	General Chemistry II Lab	1
	TOTAL	17			TOTAL	17
SOPHOMORE YEAR						
HIS 151	History of Civilization I	3		HIS 152	History of Civilization II	3
BIO 150	Environmental Science	4		BIO 306	Vertebrate Zoology	4
BIO 305	Invertebrate Zoology	4		CHM 336	Organic Chemistry II	4
CHM 335	Organic Chemistry I	4		OPTION	Required Social/Behavioral Science Course	3
OPTION	Required Arts/Letters Course	3		OPTION	Required Fine Arts Course**	3
	TOTAL	18			TOTAL	17
JUNIOR YEAR						
MTH 111	Precalculus	3		MTH 204	Calculus	4
MTH 104	Elementary Statistics	3		PE 205	Concepts of Fitness	2
BIO 307	Freshwater Ecology	3		CHM 338	Biochemistry	3
PHY/S 121	Meteorology	4		OPTION	Required Biology Elective Course (300-400 level)	3/4
OPTION	Required Foreign Language/Culture Course	3		OPTION	Required Religion and Philosophy Course	3
	TOTAL	16			TOTAL	15/16
SENIOR YEAR						
BIO 430	Studies in Biology I	2		BIO 431	Studies in Biology II	2
PHY 201/221	General Physics I	4		PHY 203/223	General Physics II	4
OPTION	Required Biology Elective Course (300-400 level)	3/4		BIO 400	Ecology	4
OPTION	Required General Elective Course	3		OPTION	Required General Elective Course	3
OPTION	Required General Elective Course (300-400 level)	3		OPTION	Required General Elective Course (300-400 level)	3
	TOTAL	15/16			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.

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

***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.