

Bachelor of Science - Biology - 2019-2020

GENERAL EDUCATION	37	COMP	GRD	MAJOR PROGRAM COURSES	40	COMP	GRD
				BIO 110 General Biology	3		
Level I				BIO 111 General Biology Lab	1		
ENG 101 Composition (completed in 1 st two sem)	3			BIO 250 Zoology	3		
<i>Completed or initiated in first three semesters</i>				BIO 251 Zoology lab	1		
FYS First Year Seminar (any number) (1 st semester)	1			BIO 266 Botany	3		
Communications (COM 101, 200, 202, 212, or 225)	3			BIO 267 Botany Lab	1		
Quantitative Reasoning (MTH 114 or >/PHL 105/BIS 140)	0			BIO 330 Genetics	3		
Level II				BIO 331 Genetics Lab	1		
ENG 102 Advanced Comp	3			Capstone Project (any combination--3 hours total):	3		
Global & Cultural Diversity	3			BIO 473 Capstone Project OR BIO 475 Capstone Scholarship+			
Fine Arts (any Art, Dance, Music or Theatre)	3			BIO 192, BIO 392, or add'l BIO 473) as needed			
Science (any Biology, Chemistry or Phy Sci) + Lab	0			MAJOR ELECTIVES: Choose from:	21		
Math (MTH 242 or 162, or > MTH 114) or Natural Sci.	0			BIO 310 Adv. A&P I (200*)	4		
History (any history class)	3			BIO 311 Adv. A&P I Lab (201*)	1		
Social Science (ECO 150 or any Sociology or Psychology)	3			BIO 312 Adv. A&P II (202*)	4		
Theology (any class)	6			BIO 313 Adv. A&P II Lab (203*)	1		
PHL 200 Moral Reasoning	3			BIO 225 Personal Nutrition	3		
Philosophy (any Phil course)	3			BIO 265 Forensic Science**	4		
General Education Elective (any Liberal Arts Course)	3			BIO 268 Environmental Biology	3		
SUPPORTING FIELD	37 or 39			BIO 269 Environmental Biol Lab	1		
CHM 110 General Chemistry	4			BIO 300 General Microbiology	3		
CHM 111 General Chem Lab	1			BIO 301 General Micro Lab	1		
CHM 112 General Chemistry	4			BIO 340 Biochemistry**	4		
CHM 113 General Chem Lab	1			BIO 341 Biochemistry Lab**	1		
CHM 230 Organic Chemistry I	4			BIO 345 Field Biology	4		
CHM 231 Organic Chem Lab I	1			BIO 464 Immunology/Hematology	3		
CHM 232/233 Organic Chem II & Lab	5			BIO 366 Pathophysiology	3		
PHY 202 College Physics I or PHY 212 College Physics I	3 4			BIO 390 Molecular Biology	3		
PHY 203 Physics I Lab	1			BIO 400 Intro to Toxicology	3		
PHY 204 College Physics II or PHY 214 College Physics II	3 4			BIO 465 Advanced Forensic Science**	4		
PHY 205 Physics II Lab	1			CHM 220/221 Anly Chem/Lab**	4		
MTH 114 College Algebra	3			BIO 460 Gross Anatomy	5		
MTH 115 College Trigonometry	3			SUMMARY			
MTH 242 or higher - Statistics	3			GENERAL EDUCATION	37		
ELECTIVES	12-14			MAJOR	40		
				SUPPORTING FIELD	37-39		
				ELECTIVES	14-12		
				TOTAL	128		

*These courses can be used to substitute for the required course.

**Only one of these courses may be counted towards the biology major AND any other major or minor. Acceptable courses for Global & Cultural Diversity will have (GCD) after the title.

Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives.

Developmental courses cannot be counted toward graduation requirements. Student may be required to complete prerequisite courses.