

Biology-Pre- Physical Therapy 2024-2025

Freshman Year							
Fall				Spring			
	Course Number	Course Title	Credits		Course Number	Course Title	Credits
	UNV 1000	Freshman Seminar	1		ENG 1060	Composition II	3
	ENG 1050	Composition 1	3		BIO 1020	General Zoology	4
	MAT 1070	College Algebra	3		MAT 2100	Introduction to Statistics	3
	BIO 1000*	Principles of Biology	3		CHM 1300	General Chemistry I	3
	BIOL 1000	Laboratory Investigation and Experiences in General Biology	1		CHM 1100	General Chemistry Laboratory I	1
	PSY 1010	Introduction to Psychology	3		General Education	Physical Education	1
Total Credits			14	Total Credits			15

Sophomore Year							
Fall				Spring			
	Course Number	Course Title	Credits		Course Number	Course Title	Credits
	MAT 2150	Calculus with Applications	4		General Education	History	3
	BIO 2110	Anatomy & Physiology I	4		General Education	Fine Arts	3
	CHM 1310	General Chemistry II	3		General Education	Social Science**	3
	CHM 1110	General Chemistry Laboratory II	1		BIO 2120	Anatomy & Physiology I	4
	General Education	Literature	3				
Total Credits			16	Total Credits			13

*****ALL GENERAL EDUCATION COURSES CAN BE INTERCHANGED*****

*C or higher is required in BIO 1000 to matriculate to other BIO Courses in the major

**Students should take SOC 1020 or SOC 1050

*** BIO Electives: Choose any 2 courses from: Animal Physiology (BIO 4610), Neurobiology (BIO 3750), Microbiology (BIO 3150), Molecular Biology (BIO 4130), Immunology (BIO 3810)

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Junior Year						
Fall				Spring		
Course Number	Course Title	Credits		Course Number	Course Title	Credits
BIO 2180	Genetics	4		PHY 1500	College Physics I	3
General Education	Elective	3		PHY 1560	College Physics I Lab	1
Pre-PT elective	PSY Block. Choose one from PSY 2050, 2200, 2250, 3050, 3600, 4010	3		BIO elective***		3-4
University-wide Elective		3-4		BIO 3040	Principles of Ecology	4
General Education	Physical Education	1		University-wide Elective		3-4
Total Credits		13-14		Total Credits		14-16

Senior Year						
Fall				Spring		
Course Number	Course Title	Credits		Course Number	Course Title	Credits
BIO 3710	Cell Biology (WE)	4		BIO elective***		3-4
PHY 1510	College Physics II	3		Pre-PT Elective	Medical Terminology (NUR 2010) or one taken at community college, recommended. Can take additional PSY or EXPH or SOC	3
PHY 1570	College Physics Lab II	1		General Education	Social Science** SOC1020 or SOC1050	3
General Education	Philosophy or Religion	3		University-wide Elective		3-4
Pre-PT Elective	EXPH block. Choose EXPH 4120 Exercise Physiology (recommended) or EXPH 4110 Biomechanics	3		Writing in the Discipline Course	BIO 4700 or other WD	3
University-wide Elective		3-4				
Total Credits		17-18		Total Credits		15-17

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