

OPTOMETRY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B - Institutional Options, 4 credit hours			
See Institutional Options, page 119.			4
Area C - Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 119-120.			6
Area D - Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E - Social Sciences, 12 credit hours			
See Social Sciences, pages 122-123.			12
Area F - Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Elective and Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
Total			67

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Pre-Optometry.

**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.