

Tentative Four Year Plan : BS Biology Degree/ Pre-Opt		
Class	Fall Term	Spring term
Freshman	BIOL 105: Freshman Biology Seminar BIOL 155: Principles of Biology I BIOL165: Principles of Biology I Laboratory CHEM 153: General Chemistry I CHEM 163: General Chemistry I Laboratory MATH 110:Intermediate Algebra ENG 111: College Writing Credits: 15	BIOL 156: Principles of Biology II BIOL 166:Principles of Biology II Laboratory CHEM 154: General Chemistry II CHEM:164: General Chemistry II Laboratory MATH 171: Precalculus PYSH 211: General Psychology Credits: 15
Summer : 1. Job Shadow		
Sophomore	BIOL 201: Genetics BIOL 203: Cell Biology CHEM 251: Organic Chemistry I CHEM 261:Organic Chemistry I Laboratory MATH 270: Calculus I Gen Ed-PE Credits:16	BIOL 202:Principles of Ecology BIOL 341: General Microbiology CHEM 252: Organic Chemistry II CHEM 262: Organic Chemistry II Laboratory Gen- Ed – 2 nd English Gen Ed- 2 nd Psychology course Credits: 15
Summer: 1. Job Shadow 2. Test Prep		
Junior	BIOL 251:Anatomy and Physiology I BIOL 261: Anatomy and Physiology I Laboratory PH 251: General Physics I BCHM 453: Biochemistry SOC 211: Principles of Sociology HPE 111: Health Education Credits: 16	BIOL 252: Anatomy and Physiology II BIOL 262: Anatomy and Physiology Laboratory II PH 252: General Physics II BCHM 454: Biochemistry II BCHM 463: Biochemistry Laboratory Gen Ed Credits: 15
Summer: 1. Entrance Exam 2. Application		
Senior	BIOL Elective (300 +) BIOL 382: Evolution Gen Ed Gen Ed Credits: 14-16	BIOL Elective (300+) BIOL Elective (300+) Gen Ed Gen Ed Credits: 14-16
Note: Assumes incoming student places in Math 110 and English 111		

Pre-requisite Courses for Optometry	
Bio w/ Labs	2 sem.
Gen Chem w/ Labs	2 sem.
Org Chem w/ Labs	2 sem.
Physics w/ Labs	2 sem.
English	2 sem.
Math	2 sem. Calc, Stats
Microbiology	1 sem.

- GPA:
 - Minimum: 3.2
 - Average: 3.5
- Average OAT:
- Average Job Shadow Hours: 50+