



Bachelor of Science (BS) in Health Science, Health Science Concentration: **Pre-Optometry Pathway**

Pre-Optometry Pathway YEAR ONE

Semester One	
Course	Cred
GE Obj 1: ENGL 1101 Writing & Rhetoric I	3
GE Obj 3: MATH 1143 College Algebra or MATH 1147 Precalculus	3-5
GE Obj 5: BIOL 1101/1101L General Biology I & Lab	4
DHS 1110 Introduction to Health Professions	3
Total	13-15

Semester Two	
Course	Cred
GE Obj 1: ENGL 1102 Writing & Rhetoric II	3
MATH 1160 Brief Calculus or MATH 1170 Calculus I	3-4
CPH 2200 Promoting Wellness	3
GE Obj 6: SOC 1101 Intro to Sociology	3
BIOL 1102/1102L General Biology II & Lab	4
Total	16-17

Pre-Optometry Pathway YEAR TWO

Semester Three	
Course	Cred
GE Obj 2: COMM 1101 Fund. of Oral Communication	3
BIOL 3301/3301L Anatomy and Physiology I & Lab	4
MATH 1153 Statistical Reasoning OR MGT 2216 Business Statistics	3
GE Obj 5: CHEM 1111/1111L General Chemistry I & Lab	5
Total	15

Semester Four	
Course	Cred
CHEM 1112/1112L General Chemistry II & Lab	4
BIOL 3302/3302L Anatomy and Physiology II & Lab	4
GE Obj 6: PSYC 1101 Intro to Psychology	3
GE Obj 4:	3
CPH 2210 or HO 0106 Medical Terminology	2
Total	16

Pre-Optometry Pathway YEAR THREE

Semester Five	
Course	Cred
Elective: CHEM 3301/3303 Organic Chemistry I & Lab	4
GE Obj 4:	3
PHYS 1111/1113 General Physics I & Lab	4
BIOL 2221/2221L Intro to Microbiology & Lab OR BIOL 2235/2235L General Microbiology & Lab	4
Total	15

Semester Six	
Course	Cred
Elective: CHEM 3302/3304 Organic Chemistry II & Lab	4
Elective: PHYS 1112/1114 General Physics II & Lab	4
GE Obj 7 or 8:	3
GE Obj 9	3
Elective: BIOL 4432 Biochemistry	3
Total	17

Pre- Optometry Pathway YEAR FOUR

Semester Seven	
Course	Cred
DHS 4426 Evidence Based Research in HS	3
Communication Competency	3
NTD 3340 Nutrition for Health Professionals OR NTD 2239 Nutrition	3
Professional Competency	3
Upper Division Free Electives	4-5
Total	16-17

Semester Eight	
Course	Cred
Upper Division Free Electives	6-7
Healthcare Competency	3
Diversity Competency	3
TOTAL	12-13