

PROGRAM ON PRE- OPTOMETRY - PHOP

CORE COURSES

Code	Title	Credits
MATH 131 or MATH 133	Calculus I Theory and Application of Calculus	4
BIO 155	Foundations of Molecular Biology	2
BIO 156	Foundations of Ecology and Evolution	2
BIO 157	Foundations of Cellular Biology	2
BIO 158	Foundations of Form and Function	2
BIO 221	Introduction to Genetics	3,4
BIO 230	Molecular Cell Biology	4
CHEM 121 & CHEM 122	Principles of Chemistry I and Principles of Chemistry II	8
CHEM 221 & CHEM 222	Organic Chemistry I and Organic Chemistry II	6
CHEM 324	Biochemistry (no lab)	3
SOC 153 or SOC 203 or SOC 257	Sociological Imaginations Social Problems Sociology of Families	3
PSYC 156 or PSYC 157	Introduction to Psychology: Culture and Systems Introduction to Psychology: Science for the Citizen	3
PHYS 121 & PHYS 122 or PHYS 111 & PHYS 112	General Physics I: Mechanics and Waves and General Physics II: Temperature, Electricity, and Light College Physics I: Mechanics and Waves and College Physics II: Temperature, Electricity, and Light	8
MATH 114 or PSYC 324	Introduction to Statistics Statistics in Psychology	3

Two classes in ENLT or ENWR at 100, 200, 300, or 400

Suggested:

OAT and Application preparation course: 1 class in SPL390

40 hours of professional exploration in two two optometry practice settings addressing the needs to two distinct populations.

Total Credits **53-54**

Note: Students may need other courses for specific programs of interest.

It is up to the student to identify programs and make their advisor aware of extra courses needed as early as possible.