



PRE-OPTOMETRY

Pre-Professional Health Sciences Program

REQUIRED COURSES

Course #	Course Description	Credits
BIOL 173	Concepts in Biology	4
BIOL 225	Molecules, Genes and Cells.....	4
BIOL 205	Introduction to Microbiology.....	3
OR		
BIOL 327	Advanced Microbiology	3
BIOL 437	Advanced Human Anatomy	4
BIOL 447	Advanced Human Physiology	4
CHEM 223/224	Gen. Chemistry I and II.....	8
CHEM 315/316	Org. Chemistry I and II.....	8
BIOCH 376	Foundational Biochemistry	3
MATH 120	Descriptive Statistics	2
MATH 220	Inferential Statistics	2
MATH 185	Calculus I	4
PHYS 252/253	University Physics I	4
PHYS 262/263	University Physics II.....	4
PSYC 101	General Psychology.....	3
	Writing	6
	Total credits	63

RECOMMENDED COURSES

Course #	Course Description	Credits
BIOL 337	Immunology	3
BIOCH 438	Molecular Genetics.....	3
BIOL 245	Animal, Form, and Function.....	4
	Total credits	10

BE WELL PREPARED AT EMU FOR OPTOMETRY SCHOOL WITH:

- ▶ Clinical experience/job shadowing
- ▶ Faculty mentoring
- ▶ Real-world research
- ▶ Mock interview