

## Pre-Optometry Planning Guide

Course Names	Course Numbers	Semesters Offered	Prerequisites	Required by Programs?	OAT
General Chemistry with lab	Chem 11 a Chem 11b Chem 18a (L) Chem 18b (L) <b>OR</b> Chem 15a (H) Chem 15b (H) Chem 19a Chem 19b	Fall, Summer Spring, Summer Fall, Summer Spring, Summer  Fall Spring Fall Spring	Math 5a or placement into Math 10a Chem 11a, Chem 11a, Chem 11b  Chem 11a Chem 15a Chem 15a Chem 15a, Chem 19a	Yes	Yes
Biology with lab	Bio 14a Bio 15b Bio 18b (L) Bio 18a (L)	Fall, Spring Fall, Spring, Summer Fall Spring	Bio 15b Bio 18b, Bio 14a	Yes	Yes
Organic chemistry with lab	Chem 25a Chem 25b Chem 29a (L) Chem 29b (L)	Fall, Summer Spring, Summer Fall, Summer Spring, Summer	1 Yr Gen Chem  Chem 18b or Chem 19b	Yes	Yes
Physics with lab	Physics 10a Physics 10b Physics 18a (L) Physics 18b (L)	Fall, Summer Spring, Summer Fall, Summer Spring, Summer	Math 10a Phys 10a	Yes	Yes
Calculus	Math 10a	Fall, Spring, Summer	Math 5a or placement into Math 10a	Yes	No
Statistics	Math 8a <b>OR</b> Bio 51a <b>OR</b> Psys 51a	Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer	Bio 14a, Bio 15b Psys 10a	Yes	No
Intro Psychology	Psys 10a	Fall, Spring, Summer		Yes	No
2 Semesters English/Writing	Any; UWS, English			Yes	Helpful
Biochemistry	Bchm 88b <b>OR</b> Bchm 100a	Spring Fall	1 Yr Bio & 1 Yr O-Chem 1 Yr O-Chem	Most	No
Microbiology	Bio 132a Bio 159a (L)	Fall Spring	Bio 14a, Bio 15b Bio 18a, Bio 18b	Most	No
Human Anatomy	Bio 43b	Spring	Bio 15b	Some	No
Human Physiology	Bio 42a	Fall, Summer	Bio 14a, Bio 15b	Some	No
Prerequisite courses vary from school to school. It's very important that you check the websites of schools you know you want to apply to in order to make sure you're taking the courses they require. The courses in this table are a summary of the most common requirements.					