



# Pre-Optometry Course Plan

Freshman Year			
✓	Fall	✓	Spring
	BIOL 1306: Biology for Science Majors I*		BIOL 1307: Biology for Science Majors II*
	BIOL 1106: Biology for Science Majors Lab I*		BIOL 1107: Biology for Science Majors Lab II*
	ENGL 1301: First Year Writing I*		CHEM 1311: Chemistry I*
	MATH 2312: Pre-Calculus		CHEM 1111: Chemistry I Lab*
	Core: HIST 1377-US History to 1877		ENGL 1302: First Year Writing II*
			MATH 2413: Calculus I
Sophomore Year			
✓	Fall	✓	Spring
	CHEM 1312: Chemistry II*		CHEM 2323: Organic Chemistry I*
	CHEM 1112: Chemistry II Lab*		CHEM 2123: Organic Chemistry I Lab*
	PHYS 1301: General Physics I		PHYS 1302: General Physics II*
	PHYS 1101: General Physics I Lab		PHYS 1102: General Physics II Lab*
	Core: Social & Behavioral Sciences (PSYC 2301)		Core: Creative Arts
Junior Year			
✓	Fall	✓	Spring
	BIOL 3324: Physiology		BIOL 2321: Microbiology
	BIOL 3224: Physiology Lab		BIOL 2121: Microbiology Lab
	BCHS 3304: Biochemistry*		Core: GOVT 2306-US & TX Constitutions
	MATH 3339, MATH 1342, PSYC 2317 or or other Statistics*		OAT Preparation (3-4 months)
	OAT Preparation (if applicable)		OAT Testing (recommend no later than May)
Senior Year			
✓	Fall	✓	Spring
	Core: GOVT 2305 – US Government		Core: Language, Philosophy, & Culture
	Advanced Biology Course**		Advanced Biology Course**
	Additional courses to strengthen application		Additional courses required by particular OD school
	Additional courses to complete major		Additional courses to strengthen application
	Optometry School Interviews (Aug – Dec)		Additional courses to complete major

- This plan is a *suggested* timeline for students who wish to apply to dental school after their Junior Year. Your schedule may differ depending on your personal goals, major, AP/IB and transfer credit, and use of Winter/Summer sessions. It is important you work closely with your major advisor to outline your specific degree plan.
- Certain optometry schools may have additional requirements—please review every school in which you are interested.

\*Required prior to taking OAT

\*\*Recommended Advanced Biology Courses include: Anatomy, Genetics, Cell Biology, Neuroscience, Immunology, Virology, etc.