

PRE-OPTOMETRY

Course Requirements for Optometry Schools in Texas

A 'C' or better is required in all coursework

University of Houston

BIOL 1710 General Biology I (3hrs)

BIOL 1720 General Biology II (3hrs)

BIOL 1760 General Biology lab (2hrs)

CHEM 1410/1430 General Chemistry I (4hrs)

CHEM 1420/1440 General Chemistry II (4hrs)

PHYS 1410/1430 General Physics I (4hrs)

PHYS 1420/1440 General Physics II (4hrs)

MATH 1710 Calculus I (4hrs)

See UNT catalog for prerequisites

Advanced BIOL courses (8hrs) from following:

BIOL 3000 Anatomy of Vertebrates (4hrs)

BIOL 3451/3452 Genetics (4hrs)

BIOL 3510/3520 Cell Biology (4hrs)

BIOL 4201/4202 Immunology (4hrs)

BIOL 4751 Neuroscience I (3hrs)

BIOL 4201/4202 (4hrs)

BIOL 4300 Histology (4hrs)

BIOL 4110 Endocrinology (3hrs)

CHEM 2370/3210 Organic Chemistry I (4hrs)

BIOC 3621 Principles of Biochemistry (3hrs)

or BIOC 4540 Biochemistry I (3hrs)

or BIOC 4570 Biochemistry and Molecular Biology of the Gene (3hrs)

BIOL 2041/2042 Microbiology (4hrs)

MATH 1680 Probability & Statistics (3hrs)

PSYC 1630 General Psychology I (3hrs)

**Bachelor's degree is required before admission*

University of the Incarnate Word

BIOL 1710 General Biology I (3hrs)

BIOL 1760 General Biology lab (2hrs)

BIOL 2301/2311 Human Anatomy & Physiology (4hrs)+

CHEM 1410/1430 General Chemistry I (4hrs)

CHEM 1420/1440 General Chemistry II (4hrs)

BIOL 2041/2042 Microbiology (4hrs) or BIOL 3381/3382

Medical Bacteriology (4hrs)—requires BIOL 2041/2042

CHEM 2370/3210 Organic Chemistry I (4hrs)

BIOC 3621 Principles of Biochemistry (3hrs)

or BIOC 4540 Biochemistry I (3hrs)

PHYS 1410/1430 General Physics I (4hrs)

PHYS 1420/1440 General Physics II (4hrs)

MATH 1680 Probability & Statistics (3hrs)

MATH 1710 Calculus I (4hrs)

See UNT catalog for prerequisites

PSYC 1630 General Psychology I (3hrs)

ENGL 1310 College Writing I (3hrs)

ENGL 1320 College Writing II (3hrs)

+One of the following can sub for the A&P I requirement:

BIOL 1720 (1760 must be taken), BIOL 3510/3520, or

BIOL 3451/3452

**Recommended Courses:*

BIOL 2302/2312 Human Anatomy &

Physiology II (4 Hours)

PHIL 2600 Ethics in Science (3hrs)

**Additional coursework for students WITHOUT a bachelor's degree:*

6 hours of humanities (theology, philosophy, history, foreign language, literature, or art)

6 hours of Behavioral & Social Science (sociology, psychology, political science, history, anthropology, geography, economics, or communication)



Scan the QR code to the left for more information on Texas Optometry Schools, MCAT preparation, pre-health organizations, application services, Health Professions Student Development Certificate and how to schedule an advising appointment

Mapping the Pre-Optometry Journey

With the help of your advisor, use the prerequisite courses listed on the following page to create an individual plan for your pre-optometry ambitions. Because circumstances can change and differ over time, this is an **unofficial** timeline and should be re-evaluated each semester.

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

Summer: Prepare for the OAT Exam; Application opens on OptomCAS

FALL _____	Hrs.	SPRING _____	Hrs.

Final Fall Semester
Take OAT Exam

Final Spring Semester
Deadline for OptomCAS (see school's website)

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To schedule an appointment, please visit appointments.unt.edu

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