

PRE-OPTOMETRY

Office of Health Professions, University of North Texas

2018-19

Texas Optometry Schools

University of Houston, College of Optometry
University of the Incarnate Word, The Rosenberg
School of Optometry

Applying to Optometry School

Application Services include:

- *The Optometry Centralized Application Service (OptomCAS)*
- *UNT's Health Professions Advisory Committee (HPAC)—See an advisor for more information*

Additional Information:

- *Requires completion of the Optometry Admission Test (OAT)*
- *The OAT should be taken during the Fall semester preceding the year of planned entry to Optometry School*

Debrah A. Beck, Ph.D.
Director for Health Professions
debrah.beck@unt.edu

Todd Lang, M.S.
Senior Academic Counselor
todd.lang@unt.edu

Mardreana Reed, M.Ed.
Academic Counselor
mardreana.reed@unt.edu

UNT Health Professions Program
Hickory Hall 256
1155 Union Circle #311365
Denton, TX 76203

Phone: 940-369-8606
Website: healthcareers.unt.edu

Preparing for the OAT?

Visit www.ada.org/en/oat
for information about the test

Exam Preparation Materials:

ExamCrackers
Kaplan
Princeton Review

Get Involved!

Alpha Epsilon Delta
Pre-Health Minority Club
(Alpha Delta)
Medically Dedicated Students
Pre-Optometry Association
UNT's Volunteer Organizations
American Optometric Association
Texas Optometric Association
Association of Schools and Colleges of
Optometry
Hearts for the Homeless

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)

P
R
E
R
E
Q
U
I
S
I
T
E
S

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)
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)

Webpages and Resources

Texas Optometry Schools

University of Houston College of Optometry

<http://www.opt.uh.edu/>

University of the Incarnate Word, The Rosenberg School of Optometry

<http://www.uiw.edu/optometry/>

Student and Professional Associations

Alpha Epsilon Delta

<https://unt.campuslabs.com/engage/organization/AlphaEpsilonDelta>

Alpha Delta: Pre-Health Minority Club

<https://unt.campuslabs.com/engage/organization/alpha-delta-the-minority-pre-health-organization>

Medically Dedicated Students

<https://unt.campuslabs.com/engage/organization/medically-dedicated-students-organization>

Pre-Optometry Association

<https://unt.campuslabs.com/engage/organization/pre-optometry-association>

UNT's Volunteer Organizations

<http://studentaffairs.unt.edu/>

American Optometric Association

<http://www.aoa.org/?sso=y>

Texas Optometric Association

<http://texas.aoa.org/>

Association of Schools and Colleges of Optometry

<http://www.opted.org/>

Hearts for the Homeless

<https://unt.campuslabs.com/engage/organization/hearts-for-the-homeless-dallas>

OAT Information and Preparation

About the OAT

<http://www.ada.org/en/oat>

OAT Prep Materials

<http://www.examcrackers.com/>

<http://www.kaptest.com/>

<http://www.princetonreview.com/>

Contact Us

To schedule an advising appointment, please contact our front desk at 940-369-8606. Have a quick question? Feel free to send us an e-mail using the addresses listed on the front page.

The best way to achieve your academic and career goals is to ask for help! We are committed to providing you the best service possible, so we look forward to seeing you in the near future!

Career Exploration

Texas Hot Jobs

<http://texashotjobs.mobi/>

Explore Health Careers.org

<http://explorehealthcareers.org/en/home>