University of North Texas Health Professions Program: Pre-Optometry Information

UNT Health Professions Program Contact Information:
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940-565-2051 – http://cas.unt.edu/advising/health-professions

Student and Professional Associations:
UNT’s Volunteer Organizations – www.unt.edu/volunteer
American Optometric Association – http://www.aoa.org/?sso=y
Texas Optometric Association – http://texas.aoa.org/
Association of Schools and Colleges of Optometry – www.opted.org

Optometry Schools in Texas:
University of Houston, College of Optometry – www.opt.uh.edu
University of the Incarnate Word, School of Optometry – http://www.uiw.edu/optometry/

Application Services:
The Optometry Centralized Application Service – OptomCAS – http://www.optomcas.org/
UNT’s Pre-Professional Advisory Committee (PPAC) – See your advisor for more information

Helpful Informational Websites:
OAT Information – www.opted.org
*The OAT should be taken during the fall semester preceding the year of planned entry to Optometry School.
Course Requirements for Optometry Programs in Texas
All courses must be complete with a grade of ‘C’ or better.

University of Houston
BIOL 1710/1730 Principles of Biology I (4hrs)
BIOL 1720/1740 Principles of Biology II (4hrs)
BIOL 2041/2042 Microbiology (4hrs)
Advanced BIOL from the following (8hrs)
  • BIOL 300 Anatomy of Vertebrates
  • BIOL 3800/3810 Animal Physiology
  • BIOL 3451/3542 Genetics
  • BIOL 3510/3520 Cell Biology
  • BIOL 4201/4202 Immunology
CHEM 1410/1430 General Chemistry I (4hrs)
CHEM 1420/1440 General Chemistry II (4hrs)
CHEM 2370/3210 Organic Chemistry I (4hrs)
BIOC 3621 Elementary Biochemistry (3hrs)
  or BIOC 4540 Biochemistry I
  or BIOC 4570 Biochemistry and Molecular Biology of the Gene
PHYS 1410/1430 General Physics I (4hrs)
PHYS 1420/1440 General Physics II (4hrs)
MATH 1680 Statistics (3hrs)
MATH 1710 Calculus I (4hrs) *May require MATH 1100 and 1650 as prerequisites.
PSYC 1630 General Psychology I (3hrs)

University of the Incarnate Word
BIOL 1710/1730 Principles of Biology I (4hrs)
BIOL 1720/1740 Principles of Biology II (4hrs)
BIOL 2041/2042 Microbiology (4hrs)
  or BIOL 3381/3382 Medical Bacteriology *requires BIOL 2041/2042 as prerequisites
CHEM 1410/1430 General Chemistry I (4hrs)
CHEM 1420/1440 General Chemistry II (4hrs)
CHEM 2370/3210 Organic Chemistry I (4hrs)
BIOC 3621 Elementary Biochemistry (3hrs)
  or BIOC 4540 Biochemistry I
PHYS 1410/1430 General Physics I (4hrs)
PHYS 1420/1440 General Physics II (4hrs)
MATH 1680 Statistics (3hrs)
MATH 1710 Calculus I (4hrs) *May require MATH 1100 and 1650 as prerequisites.
PSYC 1630 General Psychology I (3hrs)
ENGL 1310 College Writing I (3hrs)
ENGL 1320 College Writing II (3hrs)
Recommended Courses: BIOL 2301/2311 A&P I, BIOL 2302/2312 A&P II, and PHIL 2600 Ethics
Additional course for students without a bachelor’s degree:
  • 6 hours of Humanities (theology, philosophy, history, foreign language, literature, or art)
  • 6 hours of Behavioral and Social Sciences (sociology, psychology, political science, history, anthropology, geography, economics, or communication)

*Program requirements may change without notice and vary with each school.*

Last updated 9-30-2014 by MES