



Pre-OPTOMETRY PREREQUISITE COURSES

[REQUIREMENTS CAN CHANGE AT ANY TIME. CHECK BACK OFTEN FOR UPDATES AND REVIEW APPLICATION SERVICE AND SCHOOL WEB SITES FOR CHANGES THAT MAY OCCUR BETWEEN UPDATES.]

The following courses offered by The University of Texas at Austin meet the minimum admission requirements for the Doctor of Optometry (O.D.) program at the University of Houston - College of Optometry and the University of the Incarnate Word - School of Optometry in San Antonio.

The O.D. degree requires four years of post-baccalaureate training and education, including two externship rotations during the fourth year.

Information about optometry as a career, and general information about other schools and colleges of optometry, may be obtained from:

**American Optometric Association
Career Guidance Coordinator**
<http://www.aoa.org/>

**Association of Schools and Colleges of
Optometry (ASCO)**
<http://www.opted.org>

General information on the program may be obtained from:

**Office of Student Affairs and Admissions
University of Houston
College of Optometry**
<http://www.opt.uh.edu>

**Office of Admissions
University of the Incarnate Word
School of Optometry**
<http://optometry.uiw.edu/>

Classes are admitted only in the Fall semester.

Online application can be made through OptomCAS the Optometry School's Centralized Application Service at: <http://www.optomcas.org/>.

The Optometry Admissions Test (OAT) is required for applicants; this computerized test is available year round. General information about the OAT and an electronic application are available online at <http://www.opted.org>. Students are strongly encouraged to take the OAT in the calendar year preceding planned admission.

Admission requirements may change on short notice. The health professions advisors strongly recommend that you stay informed about prerequisites and current admission policies by reviewing professional school web sites on a regular basis and by staying in contact with our office for updates to this advising aid. Prerequisite courses may not be taken on a pass/fail basis and must be completed with a grade of "C" or better. No online laboratories will be accepted.

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	University of Houston College of Optometry	University of the Incarnate Word School of Optometry
General Biology	BIO 311C, BIO 311D ¹ BIO 205L OR BIO 206L	BIO 311C, BIO 311D ¹ BIO 205L OR BIO 206L
Genetics	[BIO 325]*	[BIO 325]*
Microbiology	BIO 326R or BIO 326M & BIO 126L	BIO 326R or BIO 326M & BIO 126L
Human Anatomy (4 hours)	BIO 446L	BIO 446L (recommended)
Animal or Human Physiology (4 hours)	BIO 365S & 165U	BIO 365S & 165U (recommended)
General Chemistry (8 hours with lab)	CH 301, CH 302, AND CH 204	CH 301, CH 302, AND CH 204
Organic Chemistry (4 hours with lab)	CH 310M, [CH 310N]*, & CH 210C OR CH 318M & CH 118K	CH 310M, [CH 310N]*, & CH 210C OR CH 318M AND CH 118K
Biochemistry or Molecular Biology (3 hours)	CH 369 OR CH 339K & CH 339L ²	CH 369 OR CH 339K & CH 339L ² OR BIO 344
Mathematics: Elementary Functions	M 305G	6 Hours Total M 305G + M 408C or M 408N + M 408S or M 408K + M 408L
Calculus	M 408C OR M 408K OR M 408N	
Physics (8 hours including labs- chosen from one of these sequences) ³	I. PHY 302K, 102M & PHY 302L, 102N II. PHY 317K, 117M & PHY 317L, 117N III. PHY 301, 101 & PHY 316, 116 IV. PHY 303K, 103M & PHY 303L, 103N	I. PHY 302K, 102M & PHY 302L, 102N II. PHY 317K, 117M & PHY 317L, 117N III. PHY 301, 101 & PHY 316, 116 IV. PHY 303K, 103M & PHY 303L, 103N
Psychology (3 hours)	PSY 301	PSY 301
English		RHE 306 & E 316K
Ethics		(recommended)
Statistics (3 hours)	M 316, EDP 371, SSC 303, SSC 304, SSC 305, OR SSC 306. (PSY 418, SOC 317L, OR SW 318 will satisfy the statistics requirement but are restricted to students in those majors.)	M 316, SSC 303, SSC 304, SSC 305, OR SSC 306.

* Courses listed in brackets are not required for UHCO, but are prerequisites for required classes at UT Austin.

¹ BIO 211, BIO 212, and BIO 214 also satisfy the general biology requirement and were replaced by BIO 311C and BIO 311D in Fall 2005.

² One semester of biochemistry is required. Do not take CH 339K unless you intend to take CH 339L to complete the sequence.

³ Prerequisites vary. Check the course schedule for prerequisites for each PHY sequence.

Students considering majors in Chemistry, Physics, Biochemistry, and Cell & Molecular Biology (and some other undergraduate majors) should be aware that these require a calculus based physics sequence rather than PHY 302K/L. See your academic advisor regarding PHY requirements for your degree.