

ASSOCIATION OF SCHOOLS AND COLLEGES OF OPTOMETRY
GENERAL AND SCHOOL-SPECIFIC PREREQUISITES
 May 2020

GENERAL REQUIREMENTS for most optometry programs include at least one year of Biology or Zoology, General Chemistry, General Physics, English and College Math. Contact the schools or colleges directly by visiting their websites to confirm prerequisite courses and to learn whether AP credits and/or on-line credits are accepted to complete prerequisites.

ADDITIONAL SCHOOL-SPECIFIC REQUIREMENTS

School	CALC	ANAT	PHYSIO	ORGAN CHEM	BIO CHEM	MICRO	STATS	PSYCH	SHADOWING
ALABAMA University of Alabama at Birmingham, School of Optometry http://www.uab.edu/optometry	1 course	SR	SR	1 sem or 2 qtrs w/lab	1 course	1 course	1 course	1 course	Req 40 hrs
ARIZONA Arizona College of Optometry, Midwestern University http://www.midwestern.edu/Programs_and_Admission/AZ_Optometry.html	1 course	1 course ¹	1 course ¹	1 course w/lab	1 course	1 course	1 course	1 course	SR
CALIFORNIA Southern Calif. Col. of Optometry at Marshall B. Ketchum Univ. https://www.ketchum.edu/optometry/requirements	1 sem or 1 qtr	1 sem or 1 qtr/no lab required ¹	1 sem or 1 qtr/no lab required ¹	1 sem or 1 qtr/no lab required	1 sem or 1 qtr/no lab required	1 sem or 1 qtr/lab	1 sem or 1 qtr	1 sem or 1 qtr	Rec
CALIFORNIA University of California-Berkeley, School of Optometry ² http://optometry.berkeley.edu	1 sem or 1 qtr	1 sem or 1 qtr, lab SR	1 sem or 1 qtr w/lab	1 sem or 1 qtr, w/lab	1 sem or 1 qtr	1 sem or 1 qtr	1 sem or 1 qtr	1 sem or 1 qtr	SR
CALIFORNIA Western University of Health Sciences, College of Optometry https://prospective.westernu.edu/optometry/od/	1 course	1 course ³	1 course ³	1 course w/lab	1 course	1 course w/lab	1 course	1 course	SR
FLORIDA Nova Southeastern University, College of Optometry http://optometry.nova.edu	1 sem or 2 qtrs	1 sem or 2 qtrs ⁴	1 sem or 2 qtrs ⁴	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs	SR	SR	SR
ILLINOIS Chicago College of Optometry, Midwestern University https://www.midwestern.edu/programs_and_admission/il_optometry.html	1 course	1 course ¹	1 course ¹	1 course w/lab	1 course	1 course	1 course	1 course	Rec
ILLINOIS Illinois College of Optometry http://www.ico.edu	1 course	Rec	Rec	1 course	Rec	1 course w/lab	1 course	1 course	SR
INDIANA Indiana University, School of Optometry https://optometry.iu.edu/	1 course of college math	SR	SR	1 course (2nd course Rec)	1 course	1 course w/lab	1 course	1 course	SR
KENTUCKY University of Pikeville, Kentucky College of Optometry http://www.upike.edu/KYCO	1 or 2 sem college math	SR	SR	1 course w/lab	SR	SR	SR	1 course	SR

¹Separate anatomy/physiology courses or combined anatomy and physiology I, II courses are acceptable. ²One semester or one quarter of immunology (w/o lab) is required. Due to the COVID-19 pandemic, Berkeley Optometry will accept pass/no pass prerequisite coursework along with online lecture and labs taken during terms impacted by the crisis. ³ If a combined A&P course, it must be at least 4 semester or 6 quarter units. A lab is not required. ⁴If a combined anatomy/physiology course is not taken, separate courses in anatomy and physiology must be taken.

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MASSACHUSETTS MCPHS University, School of Optometry https://www.mcphs.edu/academics/school-of-optometry/optometry	1 course	Rec	Rec	1 course	Rec	1 course	1 course	1 course	Rec
MASSACHUSETTS New England College of Optometry http://neco.edu/admissions/requirements	1 course	Rec	Rec	1 course w/lab	1 course	1 course	1 course	1 course	SR
MICHIGAN Michigan College of Optometry at Ferris State University http://www.ferris.edu/mco	1 sem or 2 qtrs ⁵	Rec	Rec	1 sem w/lab	1 sem or 2 qtrs ⁶	1 course w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs	SR Req 20 hrs Early Adm Prog only
MISSOURI University of Missouri-St. Louis, College of Optometry http://optometry.umsl.edu	1 sem or 1 qtr	SR	SR	1 sem or 2 qtrs w/lab	SR	1 sem or 1qtr w/lab	1 sem or 1 qtr	1 sem or 1 qtr	SR 20 hrs or more
NEW YORK State University of New York, College of Optometry http://www.sunyopt.edu	1 sem or 1 qtr	Rec	Rec	2 sems or 3 qtrs w/lab ⁷	Rec ⁷	Rec	1 sem or 1 qtr	1 sem or 1 qtr	Required
OKLAHOMA Northeastern State Univ. – Oklahoma College of Optometry http://optometry.nsuok.edu	1 sem ⁵	SR	SR	1 sem w/lab	1 sem ⁶	1 sem	1 sem	1 sem	SR 30+ hrs
OHIO The Ohio State University, College of Optometry http://optometry.osu.edu	1 course	SR	1 course ⁸	1 course	1 course ⁸	1 course w/lab	SR	1 course	Minimum 10 hrs with 2 ODs
OREGON Pacific University, College of Optometry http://www.pacificu.edu	1 sem or 1 qtr	1 sem w/lab	1 sem w/lab	See below ⁹	See below ⁹	1 sem or 1 qtr w/lab	1 sem or 1 qtr	1 sem or 1 qtr	SR 10+ hrs
PENNSYLVANIA Salus University Pennsylvania College of Optometry http://www.Salus.edu	SR ¹⁰	Rec	Rec	See below ¹¹	See below ¹¹	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs	Req 25 hrs, Optometry or Ophthalmology

⁵ Calculus I or its equivalent is required, not brief calculus or elements of calculus ⁶For institutions with multiple levels of biochemistry offered, the more stringent biochemistry course is required. ⁷One course in biochem can substitute for one course of either general or organic chemistry. ⁸If school spreads material over two courses, then both courses are required. ⁹Organic chemistry – standard one year course sequence with lab or one semester of organic chemistry with lab combined with one semester of biochemistry with lab if one is offered. ¹⁰One semester of calculus will fulfill one year college math requirement. ¹¹One semester of organic chemistry I with lab and one semester of organic chemistry II with lab are required. Biochem or molecular biology (lab highly recommended) may substitute for organic chemistry II

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PUERTO RICO Inter American University of Puerto Rico, School of Optometry http://www.optonet.inter.edu	1 sem or 2 qtrs	Rec	Rec	1 sem or 2 qtrs	1 sem or 2 qtrs	1 sem or 2 qtrs	1 sem or 2 qtrs	1 sem or 2 qtrs	SR
TENNESSEE Southern College of Optometry https://www.sco.edu/academic-information	1 course	SR	SR	1 course w/lab	1 course ¹²	1 course w/lab ¹³	1 course	1 course	Minimum 30 hrs in at least 2 settings
TEXAS University of Houston, College of Optometry http://www.opt.uh.edu	1 course	See below ¹⁴	See below ¹⁴	1 course w/lab	1 course	1 course w/lab	1 course	1 course	SR
TEXAS Univ. of the Incarnate Word, Rosenberg School of Optometry http://www.uiw.edu/optometry/	1 course	1 course ¹⁵	1 course ¹⁵	1 course w/lab ¹⁶	1 course ¹⁷	1 course w/lab ¹³	1 course	1 course	20 hrs with OD

¹²Upper-level molecular biology can substitute for biochem. ¹³Bacteriology can substitute for microbiology. ¹⁴Eight hours of junior-/senior-level human biological sciences are required; a minimum of three hours must be anatomy and/or physiology. Freshman-/sophomore-level A&P will not satisfy this requirement ¹⁵1 course Human Anatomy and/or Human Physiology w/lab required. One semester of any of the following courses with lab may substitute: Biology II, Cell Biology or Genetics ¹⁶Two semesters gen chemistry and one semester org chemistry are required. ¹⁷Molecular biology can substitute for biochem.