

ASSOCIATION OF SCHOOLS AND COLLEGES OF OPTOMETRY
GENERAL AND SCHOOL-SPECIFIC PREREQUISITES
 April 2018

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
ALABAMA http://www.uab.edu/optometry University of Alabama at Birmingham, School of Optometry	1 course	SR	SR	1 sem or 2 qtrs w/lab	1 course	1 course	1 course	1 course
ARIZONA http://www.midwestern.edu/Programs_and_Admission/AZ_Optomety.html Midwestern University - Arizona College of Optometry	1 course	1 course ¹	1 course ¹	1 course w/lab	1 course	1 course	1 course	1 course
CALIFORNIA http://www.ketchum.edu/index.php/admissions/od/ Southern California College of Optometry at Marshall B. Ketchum University	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
CALIFORNIA http://optometry.berkeley.edu University of California - Berkeley, School of Optometry ²	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
CALIFORNIA http://prospective.westernu.edu/optometry/welcome-11/ Western University of Health Sciences, College of Optometry	1 course	1 course ³	1 course ³	1 course w/lab	1 course	1 course w/lab	1 course	1 course
FLORIDA http://optometry.nova.edu Nova Southeastern University, College of Optometry	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
ILLINOIS https://www.midwestern.edu/programs_and_admission/il_optomety.html Chicago College of Optometry, Midwestern University	1 course	1 course ¹	1 course ¹	1 course w/lab	1 course	1 course	1 course	1 course
ILLINOIS http://www.ico.edu Illinois College of Optometry	1 course	Rec	Rec	1 course	Rec	1 course w/lab	1 course	1 course
INDIANA http://www.opt.indiana.edu Indiana University, School of Optometry	1 course of college math	SR	SR	1 course (2 nd course Rec)	1 course	1 course w/lab	1 course	1 course
KENTUCKY http://www.upike.edu/KYCO University of Pikeville, Kentucky College of Optometry	1 sem or 2 sem college math	SR (Jr. or Sr. level only)	SR (Jr. or Sr. level only)	1 course w/lab	SR	SR	SR	1 course
MASSACHUSETTS https://www.mcphs.edu/academics/school-of-optometry/optometry MCPHS University, School of Optometry	1 course	Rec	Rec	1 course	Rec	1 course	1 course	1 course
MASSACHUSETTS http://neco.edu/admissions/requirements New England College of Optometry	1 course	Rec	Rec	1 course w/lab	1 course	1 course	1 course	1 course

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. ³If a combined A&P course, it must be at least 3 semester or 4 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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School	CALC	ANAT	PHYSIO	ORGAN CHEM	BIO CHEM	MICRO	STATS	PSYCH
MICHIGAN http://www.ferris.edu/mco Michigan College of Optometry at Ferris State University	1 sem or 2 qtrs ⁵	Rec	Rec	1 yr w/lab	1 sem or 2 qtrs ⁶	1 course w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs
MISSOURI http://optometry.umsl.edu University of Missouri-St. Louis, College of Optometry	1 sem or 1 qtr ⁷	SR	SR	1 sem or 2 qtrs w/lab	SR	1 sem or 1qtr w/lab	1 sem or 1 qtr	2 sems or 2 qtrs
NEW YORK http://www.sunyopt.edu State University of New York, State College of Optometry	1 sem or 1 qtr	Rec	Rec	2 sems or 3 qtrs w/lab ⁸	Rec ⁸	Rec	1 sem or 1 qtr	1 sem or 1 qtr
OKLAHOMA http://optometry.nsuok.edu Northeastern State University – Oklahoma College of Optometry	1 sem ⁵	SR	SR	1 sem w/lab	1 sem ⁵	1 sem	1 sem	1 sem
OHIO http://optometry.osu.edu The Ohio State University, College of Optometry	1 course	SR	See below ⁹	1 course	See below ⁹	1 course w/lab	SR	1 course
OREGON http://www.pacificu.edu Pacific University, College of Optometry	1 sem or 1 qtr	1 sem w/lab	1 sem w/lab	See below ¹⁰	See below ¹⁰	1 sem or 1 qtr w/lab	1 sem or 1 qtr	1 sem or 1 qtr
PENNSYLVANIA http://www.Salus.edu Salus University Pennsylvania College of Optometry	SR ¹¹	Rec	Rec	See below ¹²	See below ¹²	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs
PUERTO RICO http://www.optonet.inter.edu Inter American University of Puerto Rico, School of Optometry	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
TENNESSEE https://www.sco.edu/academic-information Southern College of Optometry	1 course	SR	SR	1 course w/lab	1 course ¹³	1 course w/ lab ¹⁴	1 course	1 course
TEXAS http://www.opt.uh.edu University of Houston, College of Optometry	1 course	SR ¹⁵ (Jr. or Sr. level only)	SR ¹⁵ (Jr. or Sr. level only)	1 course w/lab	1 course	1 course w/lab	1 course	1 course
TEXAS http://www.uiw.edu/optometry/ University of the Incarnate Word, Rosenberg School of Optometry	1 course	SR	SR	1 course w/lab ¹⁶	1 course ¹³	1 course w/lab ¹³	1 course	1 course

⁵Calculus 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. ⁷Trigonometry is required either as part of calculus, or as a separate high school or college course. ⁸One course in biochem can substitute for one course of either general or organic chemistry. ⁹More than one course may be required in order to cover complete content. ¹⁰Organic 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. ¹¹One semester of calculus will fulfill one year college math requirement. ¹²One 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. ¹³Molecular biology can substitute for biochem. ¹⁴Bacteriology can substitute for microbiology. ¹⁵Eight hours of advanced human biological sciences are required; junior or senior-level anatomy or physiology is strongly recommended. ¹⁶Two semesters gen chemistry and one semester org chemistry are required.