

**ASSOCIATION OF SCHOOLS AND COLLEGES OF OPTOMETRY**

GENERAL AND SCHOOL-SPECIFIC PREREQUISITES

Updated May 2015

**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
<b>ALABAMA</b> <a href="http://www.uab.edu/optometry">http://www.uab.edu/optometry</a> 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
<b>ARIZONA</b> <a href="http://www.midwestern.edu/Programs_and_Admission/AZ_Optometry.html">http://www.midwestern.edu/Programs_and_Admission/AZ_Optometry.html</a> Midwestern University, Arizona College of Optometry	1 course	1 course <sup>1</sup>	1 course <sup>1</sup>	1 course w/lab	1 course	1 course	1 course	1 course
<b>CALIFORNIA</b> <a href="http://www.ketchum.edu/index.php/admissions/od/">http://www.ketchum.edu/index.php/admissions/od/</a> Southern California College of Optometry at Marshall B. Ketchum University	1 sem or 1 qtr	1 sem or 1 qtr/lab <sup>1</sup>	1 sem or 1 qtr/lab <sup>1</sup>	1 sem or 1 qtr	1 sem or 1 qtr	1 sem or 1 qtr/lab	1 sem or 1 qtr	1 sem or 1 qtr
<b>CALIFORNIA</b> <a href="http://optometry.berkeley.edu">http://optometry.berkeley.edu</a> University of California - Berkeley, School of Optometry <sup>2</sup>	1 sem or 1 qtr	1 sem or 1 qtr w/lab	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
<b>CALIFORNIA</b> <a href="http://prospective.westernu.edu/optometry/welcome-11/">http://prospective.westernu.edu/optometry/welcome-11/</a> Western University of Health Sciences, College of Optometry	1 course	SR	SR	1 course w/lab	1 course	1 course w/lab	1 course	1 course
<b>FLORIDA</b> <a href="http://optometry.nova.edu">http://optometry.nova.edu</a> Nova Southeastern University, College of Optometry	1 sem or 2 qtrs	1 sem or 2 qtrs <sup>3</sup>	1 sem or 2 qtrs <sup>3</sup>	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs	SR	SR
<b>ILLINOIS</b> <a href="http://www.ico.edu">http://www.ico.edu</a> Illinois College of Optometry	1 course	Rec	Rec	1 course	Rec	1 course w/lab	1 course	1 course
<b>INDIANA</b> <a href="http://www.opt.indiana.edu">http://www.opt.indiana.edu</a> Indiana University, School of Optometry	1 course of College Math	SR	SR	1 course (lab Rec)	1 course	1 course w/lab	1 course	1 course
<b>MASSACHUSETTS</b> <a href="http://www.mcphs.edu/optometry">http://www.mcphs.edu/optometry</a> MCPHS University, School of Optometry	1 course	Rec	Rec	1 course	Rec	1 course	1 course	1 course
<b>MASSACHUSETTS</b> <a href="http://www.neco.edu">http://www.neco.edu</a> New England College of Optometry	1 sem or 2 qtrs	Rec	Rec	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs	1 sem or 2 qtrs	1 sem or 2 qtrs
<b>MICHIGAN</b> <a href="http://www.ferris.edu/mco">http://www.ferris.edu/mco</a> Michigan College of Optometry at Ferris State University	1 sem or 2 qtrs	Rec	Rec	1 yr w/lab	SR	1 course w/lab	1 sem	1 sem or 2 qtrs
<b>MISSOURI</b> <a href="http://optometry.umsl.edu">http://optometry.umsl.edu</a> University of Missouri-St. Louis, College of Optometry	1 sem or 1 qtr <sup>4</sup>	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

<sup>1</sup>Separate anatomy/physiology courses or combined anatomy and physiology I, II courses are acceptable. <sup>2</sup>One semester or one quarter of immunology (w/o lab) is required. <sup>3</sup>If a combined anatomy/physiology course is not taken, separate courses in anatomy and physiology must be taken. <sup>4</sup>Trigonometry is required either as part of calculus, or as a separate high school or college course. <sup>5</sup>One course in biochem can substitute for one course of either general or organic chemistry. <sup>6</sup>More than one course may be required in order to cover complete content. <sup>7</sup>Organic chemistry – standard one year course sequence or one semester of organic chemistry combined with one semester of biochemistry. <sup>8</sup>One semester of calculus will fulfill one year college math requirement. <sup>9</sup>One 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. <sup>10</sup>Molecular biology can substitute for biochem. <sup>11</sup>Eight hours of advanced human biological sciences are required; junior or senior-level anatomy or physiology is strongly recommended. <sup>12</sup>Two semesters gen chemistry and one semester org chemistry are required. <sup>13</sup>Bacteriology can substitute for microbiology.

qtr = quarter; sem = semester; Rec = Recommended; SR = Strongly Recommended

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<b>NEW YORK</b> <a href="http://www.sunyopt.edu">http://www.sunyopt.edu</a> State University of New York, State College of Optometry	1 sem or 1 qtr	Rec	Rec	2 sems or 3 qtrs w/lab <sup>5</sup>	Rec <sup>5</sup>	Rec	1 sem or 1 qtr	1 sem or 1 qtr
<b>OKLAHOMA</b> <a href="http://optometry.nsuok.edu">http://optometry.nsuok.edu</a> Northeastern State University – Oklahoma College of Optometry	Rec	SR	SR	1 sem	1 sem	1 sem	1 sem	1 sem
<b>OHIO</b> <a href="http://optometry.osu.edu">http://optometry.osu.edu</a> The Ohio State University, College of Optometry	1 course	SR	See below <sup>6</sup>	1 course	See below <sup>6</sup>	1 course w/lab	SR	1 course
<b>OREGON</b> <a href="http://www.pacificu.edu">http://www.pacificu.edu</a> Pacific University, College of Optometry	1 sem or 1 qtr	1 sem w/lab	1 sem w/lab	See below <sup>7</sup>	See below <sup>7</sup>	1 sem or 1 qtr w/lab	1 sem or 1 qtr	1 sem or 1 qtr
<b>PENNSYLVANIA</b> <a href="http://www.Salus.edu">http://www.Salus.edu</a> Salus University Pennsylvania College of Optometry	SR <sup>8</sup>	Rec	Rec	See below <sup>9</sup>	See below <sup>9</sup>	1 sem or 2 qtrs w/lab	1 sem or 2 qtrs	1 sem or 2 qtrs
<b>PUERTO RICO</b> <a href="http://www.optonet.inter.edu">http://www.optonet.inter.edu</a> 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
<b>TENNESSEE</b> <a href="http://www.sco.edu">http://www.sco.edu</a> Southern College of Optometry	1 course	Rec	Rec	1 course w/lab	1 course <sup>10</sup>	1 course w/ lab	1 course	1 course
<b>TEXAS</b> <a href="http://www.opt.uh.edu">http://www.opt.uh.edu</a> University of Houston, College of Optometry	1 course	SR <sup>11</sup> (Jr. or Sr. level only)	SR <sup>11</sup> (Jr. or Sr. level only)	1 course w/lab	1 course	1 course w/lab	1 course	1 course
<b>TEXAS</b> <a href="http://optometry.uiw.edu/">http://optometry.uiw.edu/</a> University of the Incarnate Word, Rosenberg School of Optometry	1 sem or 2 qtrs	SR	SR	1 sem or 2 qtrs w/ lab <sup>12</sup>	1 sem or 2 qtrs <sup>10</sup>	1 sem or 2 qtrs w/lab <sup>13</sup>	1 sem or 1 qtr	1 sem or 1 qtr

<sup>1</sup>Separate anatomy/physiology courses or combined anatomy and physiology I, II courses are acceptable. <sup>2</sup>One semester or one quarter of immunology (w/o lab) is required. <sup>3</sup>If a combined anatomy/physiology course is not taken, separate courses in anatomy and physiology must be taken. <sup>4</sup>Trigonometry is required either as part of calculus, or as a separate high school or college course. <sup>5</sup>One course in biochem can substitute for one course of either general or organic chemistry. <sup>6</sup>More than one course may be required in order to cover complete content. <sup>7</sup>Organic chemistry – standard one year course sequence or one semester of organic chemistry combined with one semester of biochemistry. <sup>8</sup>One semester of calculus will fulfill one year college math requirement. <sup>9</sup>One 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. <sup>10</sup>Molecular biology can substitute for biochem. <sup>11</sup>Eight hours of advanced human biological sciences are required; junior or senior-level anatomy or physiology is strongly recommended. <sup>12</sup>Two semesters gen chemistry and one semester org chemistry are required. <sup>13</sup>Bacteriology can substitute for microbiology.

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