

Pre-Optometry Pathway Checklist

EOU Course Number	Course Title	Credit	Prerequisites
WR 122	Argumentative Writing	4	WR 121 with a C- or better
PSY 201	General Psychology	4	
MATH 241 or 251	Survey of Calculus or Calculous	4	MATH 241: MATH 111 or equivalent MATH 242: MATH 112 or equivalent
STAT 327 or 352	Stat. & Experimental Design or Statistics	4-5	STAT 327: MATH 105, 111 or higher with a C- or better STAT 352: STAT 243 (or STAT 327) and MATH 111
PHYS 201 w/lab	General Physics I	4	MATH 111 or equivalent. Math 112 recommended
PHYS 202 w/lab	General Physics II	4	PHYS 201 w/lab
PHYS 203 w/lab	General Physics III	4	PHYS 202 w/lab
BIOL 231 + Lab	Human Anat. & Physiology I	4	MATH 070 or equivalent
BIOL 232 + Lab	Human Anat. & Physiology II	4	BIOL 231 w/lab with a C- or better
BIOL 233 + Lab	Human Anat. & Physiology III	4	BIOL 232 w/lab with a C- or better
BIOL 323 w/Lab	General Microbiology w/lab	5	BIOL 211, 212, 213 or a majors-level biology sequence.
CHEM 204 w/lab	General Chemistry I	5	HS CHEM or consent of instructor & MATH 111 (can be taken concurrently)
CHEM 205 w/lab	General Chemistry II	5	CHEM 204 or consent of instructor. MATH 112 or equiv. recommended.
CHEM 206 w/lab	General Chemistry III	5	CHEM 205 or equivalent
CHEM 334	Organic Chemistry I	4	CHEM 205 or equivalent
CHEM 335 & 338	Organic Chemistry II w/lab	5	CHEM 334 or equivalent
CHEM 336 & 339	Organic Chemistry III w/lab	5	CHEM 335 & 338
CHEM 450	Structural Biochemistry	4	CHEM 336
CHEM 451 & 454	Metabolic Chemistry & Biochemistry Lab	6	CHEM 450 Structural Biochemistry and CHEM 336 or equivalent or consent of instructor.

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***A full curriculum of pre-professional courses is offered at Eastern Oregon University for those seeking admission to a school of optometry to complete a Doctor of Optometry (O.D.) degree. Typically, students will complete one of the science degrees, but other degrees are accepted by professional optometry schools. Prerequisite coursework serves as preparation for the Optometry Admission Test (OAT) required for applicants seeking admission to optometry schools. Some optometry schools require observation experience under the supervision of an optometrist. Students are strongly encouraged to work closely with their advisor when selecting appropriate coursework.