

## EOU Pre-Medicine Pathway Checklist

Course	Course Description	Cr.	Prerequisite
SOC 204	General Sociology	5	
SOC 205	General Social Problems	5	
PSY 201	General Psychology	4	
PSY 202	General Psychology	4	PSY 201
ANTH 203	Intro to Cultural Anthropology	5	
MATH 112	Precalculus	4	MATH 111 or equivalent
PHYS 201	General Physics w/lab	4	MATH 111 or equivalent. Math 112 recommended.
PHYS 202	General Physics w/lab	4	PHYS 201 w/lab
PHYS 203	General Physics w/lab	4	PHYS 202 w/lab
BIOL 211	Principles of Biology	4	Co-requisite: BIOL 211L and CHEM 204
BIOL 211 Lab	Principles of Biology Lab	1	Co-requisites: BIOL 211, CHEM 204
BIOL 212	Principles of Biology	4	Prerequisites: BIOL 211, CHEM 204; co-requisite: CHEM 205
BIOL 212 Lab	Principles of Biology Lab	1	Prerequisites: BIOL 211, CHEM 204; co-requisites: BIOL 212, CHEM 205
BIOL 213	Principles of Biology	4	Prerequisites: BIOL 211, 212, CHEM 204, 205; co-requisite CHEM 206
BIOL 213 Lab	Principles of Biology Lab	1	Prerequisites: BIOL 211, 212, CHEM 204, 205; co-requisites BIOL 213, CHEM 206
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
BIO 445	Immunology	3	BIOL 211, 212, 213 or a majors-level biology sequence and CHEM 334. At least Junior standing
BIO 462	Cellular Neurobiology	3	BIOL 431
CHEM 204	General Chemistry w/lab	5	HS CHEM or consent of instructor & MATH 111 (can be taken concurrently)
CHEM 205	General Chemistry w/lab	5	CHEM 204 or consent of instructor. MATH 112 or equiv. recommended.

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CHEM 206	General Chemistry w/lab	5	CHEM 205 or equivalent
CHEM 334	Organic Chemistry I	4	CHEM 205 or equivalent
CHEM 335	Organic Chemistry II	4	CHEM 334 or equivalent
CHEM 338	Organic Chemistry I Lab	1	CHEM 334 or equivalent
CHEM 336	Organic Chemistry III	4	CHEM 335 & 338
CHEM 339	Organic Chemistry II Lab	1	CHEM 335 & 338
CHEM 450 or 454	Structural Biochemistry or Biochemistry Lab	4 or 2	CHEM 336

Optional Courses (not required, but recommended):

BIOL 323  
BIOL 341  
BIOL 342

**\*\*\* Please note: The curriculum in pre-medicine is designed to prepare students for the Medical College Admission Test (MCAT) and entrance into medical school. A bachelor's degree (B.A./B.S.) is required prior to matriculation to medical school. No particular major is preferred, but a degree in biology or chemistry-biochemistry encompasses many of the prerequisite courses.**