

## Pre-Veterinary Medicine Pathway Checklist

EOU Course	Course Title	Credits	Prerequisite(s)
ANTH 203	Intro to Cultural Anthropology	5	
*BIOL 231 + Lab	Human Anatomy & Physiology 1	4	MATH 072 (or placement score)
*BIOL 232 + Lab	Human Anatomy & Physiology 2	4	BIOL 231
*BIOL 233 + Lab	Human Anatomy & Physiology 3	4	BIOL 232
BIOL 221Z + Lab (BIOL 221L)	Principles of Biology 1	5	co-requisites: BIOL 221L & CHEM 221Z
BIOL 222Z + Lab (BIOL 222L)	Principles of Biology 2	5	BIOL 221Z, CHEM 221Z; co-requisite: CHEM 222Z
BIOL 223Z + Lab (BIOL 223L)	Principles of Biology 3	5	BIOL 221Z, 222Z, & CHEM 221Z, 222Z; co-requisite CHEM 223Z
BIOL 341 + Lab (BIOL 341L)	Genetics 1	4	BIOL 221Z - 223Z
BIOL 342 + Lab (BIOL 342L)	Genetics 2	4	BIOL 341
BIOL 445	Immunology	3	BIOL 221Z - 223Z & CHEM 334
BIOL 432 + Lab (BIOL 432L)	Animal Physiology	5	BIOL431
BIOL 462	Cellular Neurobiology	3	BIOL 431
COM 111Z	Public Speaking	4	
CHEM 221Z + Lab (CHEM 227Z)	General Chemistry 1	5	MATH 111Z (or placement score); can be taken concurrently
CHEM 222Z + Lab (CHEM 228Z)	General Chemistry 2	5	CHEM 221Z; MATH 112Z co-requisite recommended
CHEM 223Z + Lab (CHEM 229Z)	General Chemistry 3	5	CHEM 222Z
CHEM 334	Organic Chemistry 1	4	CHEM 222Z
CHEM 335	Organic Chemistry 2	4	CHEM 334
CHEM 336	Organic Chemistry 3	4	CHEM 335
CHEM 338	Organic Chemistry Lab 1	1	CHEM 334
CHEM 339	Organic Chemistry Lab 2	1	CHEM 335 & 338

CHEM 450 & 454	Structural Biochemistry & Biochemistry Lab	4/2	CHEM 336
CHEM 451	Metabolic Biochemistry	4	CHEM 450
MATH 112Z	Pre-Calculus 2	4	MATH 111Z (or placement score)
PHYS 201 + Lab (PHYS 201L)	General Physics 1	4	MATH 112Z (or placement score)
PHYS 202 + Lab (PHYS 202L)	General Physics 2	4	PHYS 201
PHYS 203 + Lab (PHYS 203L)	General Physics 3	4	PHYS 202
PSY 201Z	General Psychology 1	4	
PSY 202Z	General Psychology 2	4	
SOC 204Z	Intro to Sociology	4	
SOC 206Z	Social Problems	4	
STAT 327 or 352	Stat & Experimental Design or Statistics	5/4	MATH 111Z / STAT243Z & MATH 111Z (or placement score)

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\*Indicates courses that are not required by all Veterinary Medicine programs, but highly recommended.

It is highly recommended that students also take courses in Animal Nutrition or complete an Animal Science minor through the EOU partnership with OSU. Students must meet with an OSU advisor in order to map out requirements for the AS minor.

The pre-veterinary medicine curriculum at EOU is designed to meet the requirements for admission to schools of veterinary medicine. Additionally, the curriculum is designed to prepare students for the Graduate Record Examination (GRE) or Medical College Admission Test (MCAT) required by most schools of veterinary medicine. Students are strongly encouraged to work closely with their advisor when choosing appropriate coursework.