

Course Requirements for Pre-Vet Students (Based on Auburn Vet School)

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Requirement	Course Code	Course Title	Semesters Offered	Prerequisites
3 semesters of biology with lab	BIO 110	Evolution, Biodiversity, Ecology	FA and SP	MAT 110 or basic skills in math
	BIO 210	Introduction to Genetics	FA and SP	BIO 110
	BIO 230	Vertebrate Nutrition	Every other year	BIO 110, CHE 132 (or CHE 135)
2 semesters of general chemistry with lab	CHE 131	General Chemistry I	FA and SP	MAT 110 or basic skills in math
	CHE 132	General Chemistry II	FA and SP	CHE 131 with a grade C- or higher
1 semester of organic chemistry with lab	CHE 241	Organic Chemistry I	FA and SP	CHE 132 with a grade C- or higher
1 semester of physics with lab	PHY 110 or PHY 210	Introduction to Physics	FA and SP	PHY 110 or PHY 210
		General Physics I	SP	MAT 185, PHY 210, or permission of the instructor
2 semesters of general college composition	DLM 110	Doctrina Lux Mentis I	FA	
	DLM 120	Doctrina Lux Mentis II	SP	DLM 110
1 semester of Math	MAT 130	Introduction to Statistics	FA and SP	Basic skills in mathematics or permission of the instructor
One semester of biochemistry	BMB 210	Introduction to Biochemistry and Cell Biology	FA and SP	CHE 241
Upper-Level Course Requirements that Vary by Vet School				
Recommended Biology courses	BIO 320	Natural History of Vertebrates	SP	BIO 110
	BIO 325	Comparative Anatomy	FA	BIO 110
	BIO 335	Developmental Biology	SP	BIO 210 and BMB 210
	BIO 340	Microbiology	FA	BIO 110 and BMB 210
	BIO 345	Histology	FA	BMB 210
	BIO 350	Comparative Vertebrate Physiology	SP	BIO 110 and BMB 210
	BIO 355	Immunology	FA	BIO 210 and BMB 210
	BIO 385	Cellular Neurobiology	FA	BMB 210

Recommended Biochemistry Courses	BMB 310	Macromolecules	FA	CHE 241 and BMB 210
	BMB 320	Cellular Metabolism	SP	BMB 310
	BMB 340	Cell Biology	SP	BMB 210 or BMB 310

*** The course requirements vary between vet schools and there is no standardized “pre-vet” list. This compilation includes courses required by Auburn’s Veterinary school as well as courses that are most often required by other popular vet schools. For more information, contact your pre-vet advisor, Dr. Falk, via email at Amanda.falk@centre.edu.