

Tentative Four Year Plan: BS Molecular Biology and Biotechnology / Pre-Vet

The below is a tentative schedule and assumes the incoming student with the following placements; Pre-Calculus (Math 171) and College Writing II (ENGL 111). It is highly recommended that you consult a pre-professional faculty advisor to adapt the schedule to your particular circumstances.

Please check with any specific Veterinary program requirements not covered below. Some possible recommended courses would include the following: General Zoology, Animal Physiology, Comparative Vertebrate Anatomy, Animal Behavior, Animal Nutrition, Evolution, Wildlife Management, Fisheries, Ornithology, Herpetology Microeconomics, and Macroeconomics

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Class	Fall Term	Spring Term
Freshman	BIOL 105: Freshman Biology Seminar BIOL 155: Principles of Biology I BIOL 165: Principles of Biology I Laboratory CHEM 153: General Chemistry I CHEM 163: General Chemistry I Laboratory INQ 1XX: Freshman Inquiry Seminar ENG 111: College Writing <div style="text-align: right;">Credits: 15</div>	BIOL 156: Principles of Biology II BIOL 166: Principles of Biology II Laboratory CHEM 154: General Chemistry II CHEM:164: General Chemistry II Laboratory MATH 171: Precalculus PYSH 211: General Psychology <div style="text-align: right;">Credits: 15</div>

Summer: Job Shadow and find clinical/volunteer experience

Sophomore	BIOL 201: Genetics BIOL 203: Cell Biology CHEM 251: Organic Chemistry I CHEM 261: Organic Chemistry I Laboratory Gen Ed: English NFSS 111: Health Education <div style="text-align: right;">Credits:15</div>	BIOL 341: General Microbiology CHEM 252: Organic Chemistry II CHEM 262: Organic Chemistry II Laboratory Math 270: Calculus SOC 211: Principles of Sociology <div style="text-align: right;">Credits: 15</div>
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Summer: Job Shadow, clinical/volunteer experience, and GRE Prep

Junior	BIOL 251: Anatomy and Physiology I BIOL 261: Anatomy and Physiology I Laboratory PH 251: General Physics I BCHM 453: Biochemistry BCHM 463: Biochemistry Lab BIOL 483: Molecular Biology <div style="text-align: right;">Credits: 16</div>	BIOL 252: Anatomy and Physiology II BIOL 262: Anatomy and Physiology Laboratory II PH 252: General Physics II MATH 221: Statistics COM 113 Public Speaking <div style="text-align: right;">Credits: 15</div>
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Summer: Take GRE and Submit Application

Senior	BIOL Elective (BIOL 300+) BIOL Elective (BIOL 300+) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 15-16</div>	BIOL 485: Biotechnology BIOL 450: Cell Physiology Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: NFSS 1XX <div style="text-align: right;">Credits: 15</div>
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