

Tentative Four Year Plan: BS Chemistry / 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, Microeconomics, and Macroeconomics

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Class	Fall Term	Spring Term
Freshman	CHEM 151: Chemical Principles I CHEM 161: Chemical Principles Lab MATH 171: Precalculus BIOL 155: Principles of Biology I BIOL 165: Principles of Biology I Lab INQ 1XX: Freshman Inquiry Seminar <div style="text-align: right;">Credits: 15</div>	CHEM 152: Chemical Principles II CHEM 162: Chemical Principles. II Lab MATH 270: Calculus I BIOL 156: Principles of Biology II BIOL 166: Principles of Biology II Lab ENG 111: College Writing <div style="text-align: right;">Credits: 15</div>

Summer: Job Shadow and find clinical/volunteer experience

Sophomore	CHEM 251: Organic Chemistry I CHEM 261: Organic Chemistry I Lab MATH 271: Calculus II PH 251: General Physics I OR PH 258: Introduction to Physics I PH 268: Introduction to Physics I Lab PSY 211: General Psychology <div style="text-align: right;">Credits: 15</div>	CHEM 252: Organic Chemistry II CHEM 262: Organic Chemistry II Lab CHEM 265: Inorganic Chemistry I CHEM 266: Inorganic Chemistry I Lab PH 252: General Physics II OR PH 258: Introduction to Physics II PH 268: Introduction to Physics II Lab Gen Ed: English <div style="text-align: right;">Credits: 15</div>
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Summer: Job Shadow, clinical/volunteer experience, and GRE Prep

Junior	CHEM 353: Analytical Chemistry I CHEM 363: Analytical Chemistry I Lab CHEM 366: Inorganic Chemistry II CHEM 367: Inorganic Chemistry II Lab BIOL 201: Genetics Gen Ed: Psychology course, PSY 260 –OR- PSY 354 <div style="text-align: right;">Credits: 14</div>	CHEM 358 Analytical Chemistry II CHEM 368 Analytical Chemistry II Lab CHEM 257 Organic Spectroscopy BIOL 341: Microbiology SOC 211: Principles of Sociology NFSS 111 Health Education <div style="text-align: right;">Credits: 16</div>
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Summer: Take GRE and Submit Application

Senior	CHEM 354: Physical Chemistry I CHEM 364 Physical Chemistry I Lab BCHM 453 Biochemistry I BCHM 463 Biochemistry Lab COM 113 Public Speaking Gen Ed: Elective (as needed) NFSS1XX Health Education <div style="text-align: right;">Credits: 15</div>	CHEM 355 Physical Chemistry II CHEM 470 Chemistry Seminar Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 15</div>
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