

Tentative Four Year Plan: BS Chemistry / Pre-Pharm

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 Pharmacy program requirements not covered below. Some possible recommended courses would include the following: Micro or Macro Economics, A second English course, Public Speaking, Biochemistry, Social or Behavioral Science

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Class	Fall Semester	Spring Semester
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 Gen Ed: Elective (as needed) <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 PCAT 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 BIOL 251: Anatomy and Physiology BIOL 261: Anatomy and Physiology Lab <div style="text-align: right;">Credits: 15</div>	CHEM 358 Analytical Chemistry II CHEM 368 Analytical Chemistry II Lab CHEM 257 Organic Spectroscopy BIOL 341: Microbiology BIOL 252: Anatomy and Physiology BIOL 262: Anatomy and Physiology Lab <div style="text-align: right;">Credits: 15</div>
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Summer: Take PCAT and Submit Application

Senior	CHEM 354: Physical Chemistry I CHEM 364 Physical Chemistry I Lab BCHM 453 Biochemistry I BCHM 463 Biochemistry Lab Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: NFSS 1XX <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) NFSS 111: Health Education <div style="text-align: right;">Credits: 14</div>
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