

Tentative Four Year Plan: BS Chemistry / Pre-PA

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 Physical Assistant program requirements not covered below. Some possible recommended courses would include the following: Intro to Nutrition, a 3rd Psychology course, and Medical Terminology

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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 Credits: 15	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 Credits: 15

Summer: Job Shadow, Find Clinical 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 Gen Ed: English Credits: 18	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: Psychology (PSY 354 Abnormal Psych or PSY 260 Developmental Psych) Credits: 15
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Summer: Job Shadow, Clinical Experience, 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 251: Anatomy and Physiology BIOL 261: Anatomy and Physiology Lab Gen Ed: Elective (as needed) Credits: 15	CHEM 358 Analytical Chemistry II CHEM 368 Analytical Chemistry II Lab CHEM 257 Organic Spectroscopy BIOL 251: Anatomy and Physiology BIOL 261: Anatomy and Physiology Lab Gen Ed: Elective (as needed) Credits: 14
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Summer: Take GRE, Clinical Experience, 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 Credits: 15	CHEM 355 Physical Chemistry II CHEM 470 Chemistry Seminar NFSS 111: Health Education Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Credits: 14
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