



Preparing people to lead extraordinary lives

Post-Baccalaureate Sample Academic Plans: Biology, Chemistry, and Physics Sequence

- This plan is intended to help Post-bacc students envision their academic path in preparation for a competitive health professional school application but is not comprehensive. Additional courses are suggested and may be required depending on your specific career aspirations or chosen schools.
- Course sequencing may be impacted by math placement, course offerings, and repeating of classes, among other factors not listed.
- Health Professional schools typically require a grade of “C” or better for required courses for admission.

FALL START

	FALL	SPRING	SUMMER SESSION A	SUMMER SESSION B
YEAR 1	BIOL 101/111 General Biology I Lecture/Lab (4 credits) CHEM 160/161 Chemical Structure and Properties Lecture/Lab (4 credits) MATH 131* Applied Calculus I (3 credits)	BIOL 102/112 General Biology II Lecture/Lab (4 credits) CHEM 180/181 Chemical Reactivity I Lecture/Lab (4 credits)	CHEM 240/241 Chemical Reactivity II Lecture/Lab (4 credits)	CHEM 260/261 Quantitative Methods in Chemistry Lecture/Lab (4 credits)
YEAR 2	PHYS 111/111L College Physics I & Lab (4 credits)	PHYS 112/112L College Physics II & Lab (4 credits)	CHEM 361 Biochemistry (3 credits)	<i>Careful planning and development of a strong application before applying to health professional schools, regardless of time to complete courses, is strongly recommended.</i>

SUMMER START

	SUMMER SESSION A	SUMMER SESSION B	FALL	SPRING
YEAR 1	CHEM 160/161 Chemical Structure and Properties Lecture/Lab (4 credits) MATH 131* Applied Calculus I (3 credits)	CHEM 180/181 Chemical Reactivity I Lecture/Lab (4 credits)	CHEM 240/241 Chemical Reactivity II Lecture/Lab (4 credits) BIOL 101/111 General Biology I Lecture/Lab (4 credits)	CHEM 260/261 Quantitative Methods in Chemistry Lecture/Lab (4 credits) BIOL 102/112 General Biology II Lecture/Lab (4 credits)
YEAR 2	PHYS 111/111L College Physics I Lecture/Lab (4 credits)	PHYS 112/112L College Physics II Lecture/Lab (4 credits)	CHEM 361 Biochemistry (3 credits)	<i>Careful planning and development of a strong application before applying to health professional schools, regardless of time to complete courses, is strongly recommended.</i>

*Based on Math Placement

¹Additional courses are strongly suggested depending on pre-health interest, such as Cell Biology, Human Structure & Function, Microbiology, and Genetics for pre-medical and pre-dental students who are preparing to take the MCAT or DAT.