



Pre-Health Professions Post Bac 2024-2025

The Pre-Health Professions Post Bac curriculum includes academic coursework appropriate for pre-health professions students, a required careers in health sciences seminar, and elective experiential courses in fall and spring terms. All of the courses are taught on the Rancho Cordova campus with the exception of MEDS410a and MEDS410b which may have components on the Elk Grove campus. Students must enroll in and complete a minimum of 12 credit hours of coursework in each semester to maintain full-time student status. Students are required to maintain full-time status throughout the PHPPB curriculum. A **minimum of 27 credit hours** and a maximum of 40 credit hours are required to complete the entire curriculum plan. It is strongly encouraged to go beyond the minimum credit hours to improve the BCPM GPA and to take prerequisite courses required by professional schools, if necessary. Additional coursework to reach the required 27 credit hours can be chosen from any category.

Students must choose their coursework in consultation with the academic advisor to ensure course offerings. From the courses listed below, students must meet the minimum credits requirements for each area:

Schedule Planning:

Core Sciences (9 credits required) (Course Name & Semester)	Critical and Systemic Thinking (3 credits required) (Course Name & Semester)	Professionalism (3 credits required) (Course Name & Semester)	Optional Coursework (Course Name & Semester)
Total Number of Credits:			



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Core Sciences (9 credits required)	Critical and Systemic Thinking (3 credits required)	Professionalism (3 credits required)	Optional Coursework
<p>Summer Courses</p> <p>Fall Courses CHEM 310 Biochemistry (3) BIOL 310 Microbiology (3) BIOL 410 Neuroscience (3) BIOL 420 Advanced Cell and Molecular Biology (3) BIOL 450 Human Genetics and Genomics (3)</p> <p>Spring Courses BIOL 340 Immunology (3) BIOL 430 Pharmacology (3) BIOL 460 Human Functional Anatomy (3) BIOL 470 Integrated Biological Problem Solving** BIOL480 Biomechanics (3)</p>	<p>Summer Courses COLL 310 Research Methods COLL 320 Scholarly Project</p> <p>Fall Courses COLL 310 Research Methods COLL 320 Scholarly Project PSYC 310 Developmental Psychology (3) PSYC 430 Psychology for Healthcare Practitioners (3)</p> <p>Spring Courses COLL 310 Research Methods COLL 320 Scholarly Project PSYC 410 Abnormal Psychology (3) PSYC 420 Cognitive Psychology (3) PSYC 430 Psychology for Healthcare Practitioners (3) SOCL 410 Sociology for Healthcare Practitioners (3)</p>	<p>Summer Courses COLL 210 Foundations of Service Learning COLL 220 Service-Learning Practicum</p> <p>Fall Courses SEMR 410 Health Professions Seminar I (1)*** COLL 210 Foundations of Service Learning COLL 220 Service-Learning Practicum COLL 420 Leadership (3)</p> <p>Spring Courses SEMR 420 Health Professions Seminar II (1)*** COLL 210 Foundations of Service Learning COLL 220 Service-Learning Practicum COLL 420 Leadership (3) COLL430 Service-learning for Healthcare Professionals (3) ENGL310 Professional Communication (2)</p>	<p>Summer Courses BIOL210 Human Anatomy (3) BIOL220 Human Physiology (3) COLL489 Pedagogy Seminar (1) COLL 490a Peer-Assistant Learning (1-3)* MATH120 Applied Statistics (3)</p> <p>Fall Courses BIOT210 Intro to Biotech (3) BIOT310 Ethical Concerns in Biotechnology (3) CHEM210 Organic Chemistry I (3) COLL489 Pedagogy Seminar (1) COLL 490a Peer-Assistant Learning (1-3)* ENGL320 Writing in the Health Sciences (3) HUMN410 Critical Analysis and Reasoning (3) MATH120 Applied Statistics (3) MEDS 410a Post-baccalaureate Std. Patient Clinical Experience I (2) PHYS210 Physics I (3) PHIL310 Philosophy and Contemporary Life (3)</p> <p>Spring Courses BIOL230 Genetics (3) BIOL240 Essentials of Biochemistry (3) BIOL240x Essentials of Biochemistry Online (3) BIOT320 OMICS in Biotechnology Research (3) CHEM220 Organic Chemistry II (3) COLL 430 Service Learning for Healthcare Professionals (2) COLL489 Pedagogy Seminar (1) COLL 490a Peer-Assistant Learning (1-3)* ENGL320 Writing in the Health Sciences (3) MATH120 Applied Statistics (3) MATH130 Calculus (3) MEDS 410b Post-baccalaureate Std. Patient Clinical Experience II (2) PHIL310 Philosophy and Contemporary Life (3) PHYS220 Physics II (3)</p>

*Requires a pedagogy seminar.

** Required for students applying to CNUCOM.

*** Health Professions Seminar courses are required

MCAT Review Workshops recommended but optional.

This curriculum is subject to change without notice.

This table represents when courses are typically offered. Actual offerings may vary.

Last edited 09/11/2024