

## Health Science (BS), Pre-Medical Sciences concentration

The following plan is possible on the presumption that an incoming student has an Associate of Arts (AA) degree and has completed the equivalent to **BIOL 107, PSYC 166, CHEM 130 (^)**, **PHY 185** and **PHYS 186**, **six credits of English courses, foreign language, and Missouri Statute** requirements prior to enrolling at Truman State University. This plan is one suggestion for sequencing major courses for students. There are other ways to sequence major courses, therefore students are encouraged to consult with their academic advisor to make strategic academic decisions about which courses to take each semester.

### Semester 1

- HLTH 255: Intro to Community and Public Health (3 cr)
- HLTH 290: Public Health Education Principles (3 cr)
- STAT 190: Basic Statistics (3 cr) (*unless already completed as part of AA degree*)
- CHEM 131: Chemical Principles II (4 cr)

\*Optional INDV 320: MCAT Prep course (2 cr)

### Semester 3

- HLTH 366: Program Assessment & Planning (3 cr)
- HLTH 410: Health Communication Methods (3 cr)
- CHEM 331: Organic Chemistry II (3 cr)
- CHEM 333: Organic Chemistry Lab (2 cr)
- JINS 3XX: WE/Junior Interdisciplinary Seminar (3 cr)

\* Register for the [CHES Exam](#) (Senior Test)

### Semester 2

- HLTH 270: Health Systems and Consumers (3 cr)
- HLTH 325: Health Management and Policy (3 cr)
- HLTH 349: WE/Research Methods in Health Science (3 cr)
- BIOL 325: Human Physiology (4 cr)
- CHEM 329: Organic Chemistry I (3 cr)

\* Prepare and register for graduate school entrance exam (e.g., MCAT, OAT, or DAT)

### Semester 4

- HLTH 400: CHES Exam Review (1 cr)
- HLTH 440: Capstone: Program Implementation and Evaluation (3 cr)
- Concentration selective course (3-4 cr) (*CHEM 335: Biochemistry I recommended; see [Catalog](#) for all options*)
- Concentration selective course (3-4 cr) (*BIOL 104 recommended; see [Catalog](#) for all options*)
- Upper-level Elective course (3 cr) (*Writing-Enhanced recommended*)

\* Take [CHES Exam](#) in April/October (Senior Test)

### NOTES:

- (^) Health Science Pre-Medical Sciences concentration students are specifically required to complete BIOL 107, CHEM 130, and PSYC 166 to fulfill Required Support. Students in pre-health studies such as pre-medicine, pre-dentistry, pre-optometry, or pre-physician assistant are required to take additional courses that are not identified in this plan.
- The Writing Enhanced (WE) course requirements are met by completing HLTH 320 (as an elective in the major or another WE course in any area), HLTH 349, and JINS 3XX.
- Students who wish to take the MCAT are recommended to complete a minimum of PHYS 185: Physics I (4 cr), PHYS 186: Physics II (4 cr), AND CHEM 329: Organic Chemistry I (3 cr), CHEM 331: Organic Chemistry II (3 cr), CHEM 333: Organic Chemistry Lab (2 cr) AND CHEM 335: Biochemistry I: Structure and Function (3 cr).
- Students may also need to request override for some classes.

**Department Chair:** Please contact the Center for Academic Excellence ([advise@truman.edu](mailto:advise@truman.edu)) with

any updates to the plan above. Updated 3-9-2026