

Health Science (BS), Pre-Medical Sciences Concentration

Semester 1

- TRU 120: First Year Seminar (3 cr)
- MATH 156: College Algebra (3 cr)
- CHEM 129: Basic Principles of Chemistry (3 cr), **OR** CHEM 130: Chemical Principles I (4 cr), **OR** BIOL 107: Cells, Molecules, and Genes (^) (4 cr)
- HLTH 255: Intro to Community and Public Health (3 cr)
- POL 101: Constitutional Government (1 cr), **OR** HIST 2100: Institutional History of the United States (1 cr)

Semester 3

- Elementary Foreign Language I (3 cr)
- HLTH 290: Public Health Education Principles (3 cr)
- STAT 190: Basic Statistics (3 cr)
- CHEM 131: Chemical Principles II (4 cr)
- BIOL 107: Cells, Molecules, and Genes (4 cr), **OR** BIOL 304: General Microbiology (^) (4 cr)

Semester 5

- HLTH 325: Health Management and Policy (3 cr)
- JINS 3XX: WE/_____ (^) (3 cr)
- PHYS 185: Physics I (4 cr)
- CHEM 331: Organic Chemistry II (3 cr)
- CHEM 333: Organic Chemistry Lab (2 cr)

Semester 7

- HLTH 410: Health Communication Methods (3 cr)
- Electives (3 cr)
- Dialogues Curriculum course (3 cr)
- Dialogues Curriculum course (3-6 cr)
- Register for the CHES Exam (*Senior Test*)

Semester 2

- MATH 157: Plane Trigonometry (2 cr)
- HLTH 270: Health Systems and Consumers (3 cr)
- CHEM 130: Chemical Principles I (^) (4 cr)
- COMM 170: Public Speaking (3 cr)
- PSYC 166: General Psychology (^) (3 cr)
- ENG 190: Writing as Critical Thinking (3 cr)

Semester 4

- Elementary Foreign Language II (3 cr)
- HLTH 349: WE/Research Methods in Health Science (^) (3 cr)
- BIOL 104: Ecology and Evolution of the Organism (4 cr)
- CHEM 329: Organic Chemistry I (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 6

- HLTH 366: Program Assessment & Planning (3 cr)
- PHYS 186: Physics II (4 cr)
- CHEM 335: Biochemistry I: Structure and Function (3 cr)
- Dialogues Curriculum course (3-6 cr)
- Take MCAT, OAT, or DAT (*and review course, if desired*)

Semester 8

- BIOL 325: Human Physiology (4 cr)
- HLTH 440: Program Implementation & Evaluation (3 cr)
- HLTH 400: CHES Exam Review (1 cr)
- Dialogues Curriculum course (3 cr)
- Dialogues Curriculum course (3 cr)
- Take CHES Exam in October (Senior Test)

NOTES:

- (^) -- All students must complete Perspectives requirements. Health Science Pre-Medical Sciences students are specifically **required** to complete **BIOL 107, CHEM 130, and PSYC 166** to fulfill Required Support.
- WE = Writing Enhanced course
- 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.
- See course pre-requisites at catalog.truman.edu/.
- You are encouraged to use these materials in conjunction with the Truman Catalog and Degree Works (available on TruView) as a guide in planning your progress toward completion of degree requirements. The Office of the Registrar is responsible for certifying completion of degree requirements based on requirements specified in the catalog.
- If you have not completed the Civics Exam, we recommend doing so in your **first year**.

- Truman students are required to complete a [Portfolio](#) to graduate. We recommend starting to compile your work for the Portfolio sooner than later.
- Students must complete their Application to Graduate **the semester prior to graduating**. Apply to graduate through TruView.
- Graduating seniors need to complete their seniors test and questionnaire. We recommend reviewing the [Assessment & Testing page](#) to plan accordingly.
- **The Dialogues curriculum** requires a certain number of courses/credit hours in the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

Department Chair: Please contact the Center for Academic Excellence with any updates to the plan above. Rev. 8-2-24