

PREMEDICINE

ADVISER: Deborah G. Duke, Ed.D.

Most schools of medicine require for admission a minimum of three years of college work with a strong GPA and relatively high scores on the Medical College Admissions Test (MCAT); however, preference is given to those who have a bachelor's degree. Students who wish to complete a baccalaureate degree before transferring to medical school may elect any major. It should be remembered that the Medical College Admissions Test is based on a science and verbal emphasis, and the program of study should be planned accordingly. Upon request, Harding will confer the bachelor of science degree with a major in general science on students who complete two years in an approved school of medicine and who meet Harding's Liberal Arts and premedical requirements.

Although students may choose any major, the following courses should be included in their academic plans for the first three years. These courses are necessary to prepare for the Medical College Admissions Test, which should be taken near the completion of the spring semester of the junior year. Most medical schools require many, if not all, of these courses as prerequisites. Additional science electives are also recommended.

First Year

CHEM 121, 122*

MATH 171, 201*

ENG 111, 211

Sem. Hrs. (Fall, Spring)

4, 4

5, 5

3, 3

Second Year

CHEM 249, 250

BIOL 259

Sem. Hrs. (Fall, Spring)

4, 4

0, 4

Third Year

PHYS 201, 202**

BIOL Electives***

CHEM 324

Sem. Hrs. (Fall, Spring)

4, 4

4, 4

3, 0

* Students inadequately prepared for MATH 171 or CHEM 121 must first take leveling courses.

** Or PHYS 211-212.

*** BIOL electives may be selected from BIOL 121, 249, 253, 261, 271, 280, 315, 425, and 471.

Chem 121 College Chemistry

Chem 122 College Chemistry

Math 171 College Algebra and Trigonometry

Math 201 Analytics & Calculus I

English 111 Composition I

English 211 Composition II

Chem 249 Organic Chemistry

Chem 250 Organic Chemistry

Biol 259 Cell Biology

Phys 201-202 General Physics

Phys 211-212 Engineering Physics

Chem 324 Biochemistry I

Biol 121 General Zoology

Biol 249 Anatomy & Physiology I

Biol 253 Anatomy & Physiology II

Biol 261 Vertebrate Morphology

Biol 271 Microbiology

Biol 280 Animal Physiology

Biol 315 Genetics

Biol 425 Molecular & Cellular Biology

Biol 471 Immunology