

Pre-Medical

The Department of Biological Sciences offers two degree programs for students who want to concentrate in Pre-Med, [Biological Sciences](#) or [Microbiology](#). However, any bachelor's degree can be obtained to enter medical school. The typical pre-requisite courses for medical school are 6 hours of English, 6 hours of math, 8 hours of general biology, 8 hours of inorganic chemistry, 8 hours of organic chemistry and 8 hours of physics.

These degree programs encompass all Medical School requirements with two exceptions:

- 1) For the Biological Sciences degree, pre-meds must take CH 4511 Organic Chemistry I lab, and CH 4521 Organic Chemistry II lab. The credit hours for lab can be used for life science electives.
- 2) For both degree programs, PH 1133 Physics III must be taken to satisfy UMMC's requirements. The credit hours for this course can be used as a general elective.

The following are a list of courses recommended for Pre-Meds:

BIO 3033 Genetics I
BIO 3504 Comparative Anatomy
BCH 4113 Principles of Biochemistry
BIO 4503 Vertebrate Histology
BIO 4514 Animal Physiology

The [MCAT](#) is offered at Mississippi State University through the [testing center](#) and should be taken the spring semester of the junior year.

UMMC's Medical School Selection Factors:

- MCAT scores (average MCAT score of accepted applicants is 27)
- G.P.A. (average gpa of accepted applicants is 3.8)
- BCPM (biology, chemistry, physics, math) G.P.A. (average is 3.7)
- Community Service
- Evaluation letters from faculty
- Interview

Medical Schools

[University of Mississippi Medical Center](#) in Jackson, MS

[University of Alabama at Birmingham](#) in Birmingham, AL

[The University of Tennessee Health Sciences Center](#) in Memphis, TN

[Vanderbilt Medical Center](#) in Nashville, TN

Student Organizations

[AMSA](#) (American Medical Student Organization)

AED (Alpha Epsilon Delta; pre-professional honor society)

