

Pre-Medical Program

Program Coordinator and Advisor: Dr. William H. Ilesley, DSB 215, 898-2078

Advisor: Mr. William H. Butler, Jr., SBA 125, 898-2046
 Advisor: Dr. James M. Cook, WPS 208, 898-2522
 Dr. James C. Howard, DSB 209, 898-2079
 Advisor: Dr. Amy E. Jetton, DSB 114, 898-5952
 Advisor: Dr. Matthew Klukowski, DSB 120-B, 904-8435
 Advisor: Dr. Gary D. White, WPS 106, 898-2072
 Advisor: Dr. Paul Kline, DSB 235, 898-5466
 Advisor: Dr. Vincent Cobb, SBA 130, 898-2059

Advisor: Dr. Paul D. Lee, WPS 217, 898-5833
 Advisor: Dr. Dwight J. Patterson, WPS 100B, 904-8
 Advisor: Dr. John DuBois, DSB 117, 898-2040
 Advisor: Dr. Martin V. Stewart, DSB 217, 898-2073
 (Optometry, Podiatry, & Osteopathic)
 Advisor: Dr. Eric W. Klumpe, WPS 216, 898-2486
 Advisor: Dr. Chuck Higgins, WPS 216A, 898-5946
 Advisor: Dr. Jerry Reagan, JH 230B, 494-8740

The following curriculum meets the admission requirements for most medical schools. Application to medical schools is made through the American Medical College Application Service (AMCAS).

Most students accepted to medical school receive a B.S. degree in chemistry and/or biology. Students majoring in other disciplines will be considered if they have completed the requirements of the medical school. A few very highly qualified students may be admitted to medical school after their junior year in college. Students should select a major and work closely with their advisors in order to stay on track. *After completion of 60 hours, students must fill out an upper-division form (obtain from the department of your major) and file one copy with the Records Office.*

All medical schools require students to take the Medical College Admission Test, (MCAT), which is given throughout the year. Students being currently admitted to publicly supported medical schools in Tennessee have average scores above 9.1 in all areas on the MCAT. **In order to obtain competitive scores on the MCAT, students should have completed at least freshman English, general chemistry, freshman biology, college physics, and two semesters of organic chemistry.**

Students must submit applications to medical school before the November deadline for the class beginning the following August. Students should schedule a meeting with the MTSU Preprofessional Advisory Committee. The forms necessary for the interview can be obtained from the Coordinator in DSB 241.

Pre-medical students should gain as much knowledge as possible about the practice of medicine and the health care field. Talking to physicians, working in health care facilities, and active participation in Preprofessional student organizations are highly recommended. Also, it is a good idea for students to visit the medical school(s) to which they plan to apply. Students should make every effort to meet the representatives of the medical schools when they come to our campus during the Fall semester. Let the representatives know you and your interest in their medical program. Also, personal acquaintance makes the student more than a name on an application form.

Students who plan to apply for admission to a school of optometry, osteopathy, or podiatry should follow the pre-medical curriculum.

*****The curriculum below lists all general education classes, all pre-medicine requirements recommended science courses. Since pre-medicine students can obtain a degree of their choice, it is very important to work closely with your advisor regarding the recommended science courses and fulfillment of degree requirements.*****

Freshman

+Chemistry * 1110/1111, 1120/1121	8 hrs
+Math ** 1730, 1910	8 hrs
+Biology 1110/1111, 1120/1121	8 hrs
+English 1010, 1020	6 hrs
● <u>COMM 2200 (Gen Ed)</u>	3 hrs
Total	33 hrs

Sophomore

+Chemistry 3010/3011, 3020/3021	8 hrs
Biology 3250/3251, 2230/2231	8 hrs
+Physics 2010/2011, 2020/2021	8 hrs
● English 2030 or 2020 or HUM 2610	3 hrs
● <u>Humanities/Fine Arts (Gen Ed)</u>	6 hrs
Total	33 hrs

Junior

Chemistry 2230/2231	5 hrs
Chemistry 3530/3531 or 4500	4 hrs
CSCI 1150 (recommended)	3 hrs
Biology 3020/3021, 4210/4211	8 hrs
● History 2010, 2020, or 2030	6 hrs
● <u>Behavioral/Social Sciences</u>	6 hrs
Total	32 hrs

Senior

Chemistry 4330/4331, 4340/4341	8 hrs
Biology 4130/4131	4 hrs
<u>Chemistry, Biology, & Gen Elec.</u>	10 hrs
	22 hrs

** May want to take MATH 1710 before MATH 1730 (the prerequisite for MATH 1910)

* Students who have not had high school chemistry should enroll in Chemistry 1010.

*** Electives must be selected carefully in order to assure meeting institutional requirements for graduation: (1) completion of General Studies requirements; (2) completion of a minor; (3) completion of 120 hours with a minimum of 42 semester hours of upper-division work (courses numbered 3000 and above-).

+ Denotes courses required by medical schools

● General Education Courses

Pre-Medicine is a Program, not a Major. YOU CAN OBTAIN A DEGREE OF YOUR CHOICE. Until you decide what major/degree you want to obtain, you will be listed as Science – Pre-Medical in the computer system.

The following courses are required for Medical School Admission:

General Chemistry (CHEM 1110/1111, 1120,1121) –	8 hours
General Biology (BIOL 1110/1111, 1120/1121) -	8 hours
Organic Chemistry (CHEM 3010/3011, 3020/3021) -	8 hours
Physics (PHYS 2010/2011, 2020/2021) -	8 hours
English Composition (ENGL 1010, 1020) -	6 hours
Math –up to Calculus (MATH 1730 or 1910) -	4 hours

**If you are obtaining a degree in a major outside of science, you will work on your major requirements along with the requirements listed above. Please work with your Pre-Medical advisor to make sure you are taking appropriate courses for your pre-medical program. Work with your major advisor on major degree requirements.

Pre-Medical Students are encouraged to do the following to remain competitive students:

- Get to know your pre-professional advisors and other professors.
- Research the professional schools that you might wish to attend; note their requirements for admission.
- Read some general books on strategies for successful admission.
- Surf the World Wide Web and see what's available on-line. You can find a lot of good information on the web.
- Volunteer/community service
- Join Clubs
 - o Pre-Scripts, 2nd & 4th Wed/Month @ 5:00 in DSB 106 (Pre-Med and Pre-Pharmacy)
 - o Student National Medical Association (Pre-Med)
 - o Delta Delta Sigma (Pre-Dental and Pre-Dental Hygiene)
 - o Women in Science and Engineering
 - o Chemistry Club
 - o TriBeta
- Get experience in your pre-professional field.
- STUDY HARD and maintain a good GPA in all courses, especially science courses.