

MEDICAL SCIENCE, M.S.

Department Chair: Dale Connally

Program Director: Jacob Brewer

The Master of Science (MS) program in Medical Science is a specialized master's program designed to prepare graduates to pursue further academic training in medicine, dentistry, other professional health schools, completing a rigorous combination of multidisciplinary courses.

The MS Medical Science program is designed to elevate student's qualifications for professional programs.

Admission Requirements

Students may have a bachelor's degree in any field but must include typical science courses. A strong science background is encouraged. The program will not fulfill undergraduate medical-based professional school prerequisites. Prior to admission, applicants must have completed the following pre-requisite courses, all with grades of a C or better.:

- General Biology I & II
- General Chemistry I & II
- General Physics I & II
- Biochemistry and Organic Chemistry I & II
- Statistics

Must have a minimum cumulative GPA of 3.0. The applicant will be notified to record a video interview if meeting the minimum criteria.

Standardized test scores (optional): GRE or MCAT or DAT

Personal Statement – one page statement that highlights your strength as an applicant, motivation for this program, and relevant extracurricular activities

2 letters of recommendation (one from a science faculty member). Applicants who have previously applied to medical school may use the same documents to apply to this program.

The one-year MS in Medical Science program will be a minimum of 33 credit hours and will be a non-thesis program with three-term admission cycle (Spring, Summer, Fall) to accommodate different start date of medical-based professional schools.

Code	Title	Hours
Required STEM Coursework		
BIO 5432	Microbiology and Immunology (Cardiopulmonary Physiology)	4
MSMS 5300	Biostatistics	3
MSMS 5500	Advanced Human Anatomy	5
BIO 5220	Pathophysiology	2
MSMS 5350	Pharmacology (Pharmacology)	3
Additional STEM Coursework		
CHE 5380	Principles of Biochemistry	3
BIO 5432	Microbiology and Immunology	4
Other Required Coursework:		
MSMS 5201	Introduction to Clinical Research & Evidence-based Decision Making	2
MSMS 5202	Introduction to Physical Exam Skills and Patient Communication	2

MSMS 5250	Medical Ethics from a Christian Perspective	2
MSMS 5260	Health Industry & Health Disparities in the United States	2
MSMS 5100	Seminar: Professional Development for MSMS Graduate Students (Seminar)	1
Total		33
Total Hours		33