

MASTER OF ARTS: BIOLOGY

Student Learning Outcomes

Students graduating from this program will:

- Students will be able to integrate fundamental concepts in anatomy, biochemistry, cell biology and physiology.
- Students will be able to apply basic biological sciences knowledge to clinical situations.
- Students will be able to create a professional and reflective professional school application.
- Students will develop strategies for conducting professional school interviews.

Admission Requirements

- BS or BA in Biology or Chemistry (preferred).
- Undergraduate GPA of 3.0 or higher.
- Three letters of recommendation.
- Statement of purpose.
- Minimum score on one of the following exams: MCAT (≥ 485), DAT (≥ 15), PCAT (≥ 24) or GRE (≥ 300).

Plan of Study

Code	Title	Credits
Required Courses		
BIOLOGY 5511	Professional Development	1
BIOLOGY 5510	Gross Anatomy for Nurse Anesthetists	3
BIOLOGY 5510L	Gross Anatomy for Nurse Anesthetists	1
BIOLOGY 5512	Graduate Cell Biology	3
or LS-CBB 5520	Cell and Molecular Biology II	
BIOLOGY 5515	Biochemistry	4
BIOLOGY 5539	Mammalian Physiology	4
BIOLOGY 5592	Master of Arts Topics in Biology	4
Elective Courses		10
BIOLOGY 5540	Pathophysiology (Recommended)	
BIOLOGY 5528	Human Genomic Epidemiology	
BIOLOGY 5542	Neurobiology	
BIOLOGY 5593	Master of Science Topics	
BIOLOGY 5514	Graduate Biostatistics 1	
BIOLOGY 5516	Global Health: New and Emerging Infections Diseases	
BIOLOGY 5517	From Bench to Bedside: Translational Research	
BIOLOGY 5518	Graduate Histology	
LS-CBB 5504	Graduate Virology	
LS-MBB 5509	Graduate Developmental Biology	
MEDB 5501	Applied Biostatistics I	
MEDB 5510	Clinical Research Methodology	
MEDB 5511	Principles and Applications of Epidemiology	
Total Credits		30