

# 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 ( $\geq 485$ ), DAT ( $\geq 15$ ), PCAT ( $\geq 24$ ) or GRE ( $\geq 300$ ).

## Plan of Study

Code	Title	Credits
<b>Required Courses</b>		
BIOLOGY 5511	Professional Development	1
BIOLOGY 5510	Gross Anatomy for Nurse Anesthetists	3
BIOLOGY 5510L	Gross Anatomy for Nurse Anesthetists	1
BIOLOGY 5515	Biochemistry	4
BIOLOGY 5539	Mammalian Physiology	4
LS-CBB 5520	Cell and Molecular Biology II	3
BIOLOGY 5592	Master of Arts Topics in Biology	4
<b>Elective Courses</b>		<b>10</b>
BIOLOGY 5540	Pathophysiology (Recommended)	
BIOLOGY 5528	Human Genomic Epidemiology	
BIOLOGY 5542	Neurobiology	
BIOLOGY 5593	Master of Science Topics	
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	
<b>Total Credits</b>		<b>30</b>