BIOMEDICAL SCIENCES GRADUATE PROGRAMS

Programs
Graduate Degree Programs

- Anatomic Pathology, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/anatomic-pathology-ms/)
- Anatomy Research, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/anatomy-research-ms/)
- Anatomy, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/anatomy-ms/)
- Biochemistry and Applied Bioinformatics, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/biochemistry-and-applied-bioinformatics/)
- Biochemistry, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/biochemistry-ms/)
- Bioethics and Medical Humanities, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/bioethics-medical-humanities-ms/)
- Biomedical Informatics, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/biomedical-informatics-ms/)
- Biomedical Sciences, PhD (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/biomedical-sciences-phd/)
- Clinical Anatomy, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/clinical-anatomy-ms/)
- Clinical Research Methods, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/clinical-research-methods-ms/)
- Clinical Research, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/clinical-research-ms/)
- Medical Genetics and Genomics, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/medical-genetics-genomics-ms/)
- Microbiology and Immunology, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/microbiology-immunology-ms/)
- Molecular and Cellular Pathobiology, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/molecular-cellular-pathobiology-ms/)
- Molecular Medicine, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/molecular-medicine-ms/)
- Pharmacology, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/pharmacology-ms/)
- Physiology, MS (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/physiology-ms/)

Graduate Certificates

- Sports Medicine Certificate (Graduate) (https://catalog.tulane.edu/medicine/biomedical-sciences-graduate-program/sports-medicine-cer/)

Courses

Biomedical Sciences (BMSP)

BMSP 6050  Advanced Cell Biology - MS  (3)
This course introduces all major aspects of cellular structure and function. It specifically covers cytoplasmic membranes, protein trafficking, cellular signaling and cell proliferating mechanisms.
BMSP 6070  Advanced Cell Biology (3)
BMSP 6800  Technology Commercialization (3)
BMSP 7100  Biomed Sciences Workshop (1)
BMSP 7110  Workshop (1)
BMSP 7120  Research Methods (2-4)
BMSP 7130  Research Methods (2-4)
BMSP 7140  Biomedical Sci Seminar (1)
BMSP 7150  Seminar (1)
BMSP 7500  Special Topics (1-6)
BMSP 7770  Systems Biology (3)
BMSP 7990  Independent Study (1-6)
BMSP 9980  Masters Research (0)
Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

BMSP 9990  Dissertation Research (0)
Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

SPMD 6100  Foundations of Sports Medicine (3)
This course will provide the students with an overview in the field of sports medicine. The course focuses on the basic information and skills important to the recognition, care, prevention, and preliminary rehabilitation of athletic injuries. The course will explore medical providers involved in total athlete care, provide terminology associated with sports medicine, and discover the human body systems as they pertain to sports medicine.

SPMD 6110  Non-traumatic Injuries (3)

SPMD 6120  Sports Performance Enhancement (3)
This course offers a comprehensive study of the physical, nutritional, and therapeutic methods of injury recovery while holding a focus on the needs of athletes who want to improve performance within their sport.

SPMD 6130  Continuum of Care: Developing a Sports Medicine Program (3)
This course will explore the process of developing and maintaining a sports medicine program that fully addresses the continuum of care for athletes within an institution or organization at the collegiate and secondary levels. Students will discover the components of a comprehensive athletic healthcare program including: health and safety policies and procedures, roles and responsibilities of involved healthcare providers, and best practices of sports medicine.