INVESTIGATIVE AND MEDICAL SCIENCES

This degree is designed mainly as a preparatory degree for post-baccalaureate studies, especially medical school. The Bachelor of Science in Investigative and Medical Sciences offers a strong base in both basic sciences and medically related coursework. The uniquely flexible curriculum is designed to provide graduates with the knowledge, attitudes and skills that will enhance their competitive edge as they seek employment, or pursue medical school, graduate school or professional programs.

ADMISSION REQUIREMENTS

• Minimum GPA of 3.0 on a 4.0 scale average in high school chemistry, biology, mathematics and English
• Four years of mathematics (with algebra) and English
• Physics is recommended
• Minimum ACT score of 20 in each subsection or an SAT score of 500 or above in each area

WHY CHOOSE SLU

• Medically relevant coursework ideal to prepare graduates for health professional schools including medicine, physician assistant, dental, veterinary, pharmacy, etc
• Medical scholar, pre-medicine, pre-physician assistant, and other pre-professional curriculum options are available
• Undergraduate opportunities to conduct research and produce projects and papers acceptable for publication and presentation at professional conferences
• Opportunities to participate in professional conferences with SLU BLS faculty and fellow students
• Low student to faculty ratio

STUDENT ACTIVITY

Students in the Department of Biomedical Laboratory Science have numerous opportunities for personal and professional growth through professional interactions. For students interested in getting involved, the Student Association of Medical Diagnostics plans and provides social and service opportunities. The Department encourages and facilitates student attendance at laboratory professional conferences and opportunities to present their research findings.

TRACK TO POST-BACCALAUREATE STUDIES

Professional schools and programs:
- Medical
- Dental
- Optometry
- Physician assistant
- Veterinary science
- Public Health

Graduate school:
- Pathology
- Microbiology
- Pharmacology
- Physiology
- Forensic science

Forensic science programs:
- Federal
- State
- Municipal crime laboratory

CAREER ENTRY OPPORTUNITIES

Medical research associate:
- National Institutes of Health
- Centers for Disease Control
- Universities
- Pharmaceutical companies

Technical or sales representative:
- Pharmaceutical company
- Biotechnology company
- Medical information system company

PROFESSIONAL ASSOCIATIONS

Students in the Department of Biomedical Laboratory Science are encouraged to join and participate in the laboratory professional organization of their choice. BLS faculty support the American Society for Clinical Laboratory Science, its state constituent society ASCLS-Missouri, and the American Society for Clinical Pathology.

ACCREDITATION

The Investigative and Medical Sciences degree is based on the Medical Laboratory Science Major, which has been continuously accredited since the graduation of its first class in 1933 by the National Accrediting Agency for Clinical Laboratory Science, 5600 N. River Road, Suite 720, Rosemont, IL 60018. For more information, visit naacls.org.

FOR MORE INFORMATION

Phone: 314-977-2570
Email: dchs@slu.edu
Website: BLS.SLU.EDU
INVESTIGATIVE AND MEDICAL SCIENCES - TRANSFER

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ADMISSION REQUIREMENTS

Minimum admission criteria include:
• Cumulative GPA of 2.5 on a 4.0 scale in college level courses from an accredited institution
• Math and science coursework GPA of 2.5 on a 4.0 scale

TRACK TO POST-BACCALAUREATE STUDIES

Professional schools and programs:
• Medical
• Dental
• Optometry
• Physician assistant
• Veterinary science
• Public Health

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