

## DEGREE(S)

+ Bachelor of Science (B.S.) in Investigative and Medical Sciences

## PROGRAM OVERVIEW

This degree meets the needs of students considering a wide variety of career paths in the health sciences and is designed mainly as a preparatory degree for post-baccalaureate studies, especially medical school.

The investigative and medical sciences (IMS) program offers a strong foundation in basic sciences and medically related coursework. The uniquely flexible curriculum, which includes credit hours for an area of specialization, 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 education or professional programs such as physician assistant, dentistry, pharmacy, veterinary, etc.

The IMS bachelor's degree requires a minimum of 120 credit hours for completion. A core of liberal arts courses complements the strong basic science and medical courses. The curriculum also includes a minimum of 24 credit hours in an area of specialization chosen by the student to match their professional goals. These hours may be applied to a minor or certificate, including minors in biology or health care ethics and certificates in health information management, or a second bachelor's degree such as forensic science.

Students in the Investigative and Medical Sciences program have numerous opportunities for both personal and professional growth through faculty, professional and peer interactions.

For students interested in getting involved in campus and community life, Saint Louis University provides numerous opportunities through its student life network.

## ABOUT THE FACULTY

The investigative and medical sciences faculty are certified laboratory scientists that are nationally recognized within their profession and dedicated to developing competent graduates who are responsive to the needs of society.

## CURRICULUM

The IMS degree meets the needs of students considering a wide variety of career paths involving medicine and laboratory diagnostics.

This degree offers students:

- + A strong foundation in both basic sciences and medically related coursework
- + Basic science courses that are required for the Medical College Admission test (MCAT) and for admission into medical school
- + Medical courses in various areas of diagnostic medicine
- + A flexible curriculum which includes a specialized area of specialization, which consists of 34 flexible credit hours that can be used to earn a minor or second bachelor's degree that supports the student's career choice
- + Pre-medicine, pre-professional health, pre-physician assistant (PA) and PA Scholars curriculum options for degree candidates
- + Excellent option for medical scholars
- + Active student association sponsoring service projects, social events, fundraisers and trips to professional conferences
- + Opportunities for research

The majority of IMS students follow one of five career paths:

- + Preparatory degree for professional program, such as medical, physician assistant, optometry, dentistry, veterinary or pharmacy schools
- + Preparatory degree for graduate school in the biomedical sciences
- + Career in forensic science
- + Career in a research
- + Career in a biotechnology or pharmaceutical industries

ADMISSION.SLU.EDU

### Contact

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### Graduate Programs

For a full listing of programs, visit [graduate.slu.edu](http://graduate.slu.edu)

## ADMISSION REQUIREMENTS

Admission consideration for the investigative and medical sciences program is initially based on a strong overall academic background. The average GPA of admitted students is 3.6 on a 4.0 scale and the average ACT score is a 28.

Admission criteria include:

- + Minimum GPA of 3.0 in high school chemistry, biology, mathematics and English
- + Four years of high school math (with algebra) and English, with some physics recommended
- + Minimum ACT score of 20 in each subsection or an SAT of 500 or above in each area

Transfer applicants must have a 2.5 GPA in math and science coursework and possess a 2.5 cumulative GPA. Interested applicants who do not meet all the admission requirements should still apply for individual consideration.

## SCHOLARSHIPS AND FINANCIAL AID

There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need. In addition to University scholarships, the Doisy College of Health Sciences Alumni Association offers a scholarship to sophomores, juniors and seniors.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For more information, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

## WHY CHOOSE THIS PROGRAM?

- + The IMS program is an ideal pre-professional program for students seeking advanced degrees in health care due to its focus in basic science, research and diagnostic medicine.
- + The IMS program consistently has a low student-faculty ratio which allows for more individualized attention.
- + With the emphasis on research found in the IMS program, students have numerous opportunities to have their work published in various journals. In addition, many of our students travel to regional and national conferences in order to present their research findings.
- + The Investigative and Medical Sciences program has an excellent medical school acceptance rate

Benefits of the investigative and medical sciences program also include a wide range of career paths.

Professional School and Programs

- + Medical, dental, optometry or physician assistant
- + Veterinary science, public health and others

Graduate School

- + Pathology, microbiology or pharmacology
- + Physiology or forensic science

Forensic Science Programs

- + Federal, state or municipal crime laboratory programs

Medical Research Associate

- + National Institutes of Health
- + Centers for Disease Control
- + Universities

Other Career Options

- + Biotechnology technician
- + Pharmaceutical research associate
- + Pharmaceutical technical or sales representative

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