

Life Sciences

Why do pathogens develop resistance to drugs?

How is our immune system affected by the bacteria in our digestive system?

Will understanding the human genome help us treat disease?

What happens to the brain's biochemistry as we age?

Can studying model organisms help us understand human diseases?

Why do certain chemicals cause adverse health effects?

This specialization focuses on life-system structure and function, with a particular emphasis on human anatomy, neuroscience, pharmacology and biochemistry.

You'll gain a detailed understanding of the human body, how the brain and nervous systems work, and how drugs and other chemicals affect the brain.

If you're interested in pursuing a career in the medical profession, Life Sciences is the right specialization for you.

Gain an advanced understanding of the human body's structure and function, and satisfy course requirements for applying to medical school, dentistry, pharmacy and veterinary school.



What will I study?

- Fundamentals of Microbiology
- Genetics and Molecular Biology
- Human Anatomy
- Neuropharmacology
- Organic Chemistry
- Principles of Pharmacology and Toxicology

What can I do with my degree?

Pursue career and advanced education opportunities in a variety of areas including:

- Dentistry
- Health policy
- Medicine
- Pharmacy
- Public Health
- Secondary School Teacher (through Concurrent Education)
- Veterinary

This program provides an excellent basis for writing the Medical College Admission Test® (MCAT®) exam.

An undergraduate Biological Science degree—with a specialization in Life Sciences—allows you to pursue graduate studies. This includes our Master of Science program in Applied Bioscience.

Want more information?

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