



Clinical Laboratory Science

at Benedictine University

Why study clinical laboratory science at Benedictine?

Clinical laboratory science is one of the most rapidly expanding branches of medical science with the demand for qualified clinical laboratory scientists far exceeding the number of trained people available. Because medical services are continuing to expand rapidly throughout the country, well trained people in this field will be assured positions for many years.

Benedictine University is one of the few schools in Illinois that offers a Bachelor of Science (B.S.) in Clinical Laboratory Science. Our suburban location offers easy access to outstanding medical facilities in the Chicago area. Benedictine's low student-to-faculty ratio allows you individualized attention.

What does a degree in Clinical Laboratory Science at Benedictine offer?

A B.S. in Clinical Laboratory Science from Benedictine will prepare you to:

- Perform and supervise tests and procedures in the clinical laboratory.
- Recognize interpretations of laboratory tests and have knowledge of conditions affecting test results.
- Develop data that may be used by the physicians in determining the presence, extent, and as far as possible, the cause of disease.
- Become a certified clinical laboratory scientist by passing the national certifying examinations.

What careers are available with a degree in Clinical Laboratory Science?

When you are certified as a clinical laboratory scientist, you can enter a variety of medical-related careers such as:

- Working in a clinical laboratory in hospitals, doctors' offices, pharmaceutical companies, public health departments and research institutions.
- Working for a chemical supply company.
- Working as a sales representative for a pharmaceutical company.

How does the program work?

When you major in Clinical Laboratory Science at Benedictine University, you will follow a three-year sequence of liberal arts and science courses. You are required to maintain a GPA of 2.8 or better. During your senior year, you will be eligible to complete a one calendar-year clinical program at a hospital affiliated with the University — Hines Veterans Administration (VA) Hospital in Hines, Ill. — where you will fulfill your clinical requirements. The application deadline is December 1.

Note: ONLY U.S. citizens may enter the Hines VA program.

When you have completed your clinical year (all grades must be "C" or better), you will earn a B.S. in Clinical Laboratory Science from Benedictine University. Upon completion of this program, you will be eligible to take the certifying examinations administered by the Board of Registry of the American Society of Clinical Pathologists and the National Credentialing Agency for Laboratory Personnel.

Recommended Program

Bachelor of Science in Clinical Laboratory Science

FRESHMAN

Writing Colloquium	3
College Trigonometry (MATH 111)	3
Principles of Organismal Biology	3
General Chemistry I and Lab	4
Artistic and Creative (QCA) course	3
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Research Writing	3
Principles of Biology	3
Principles of Biology Lab	1
General Chemistry II and Lab	4
Religions/Theological (QRT) course	3
Social Scientific I: Individuals, Organizations and Societies (QIO) course	3
	17

JUNIOR

Basic Speech	3
Cell Biology	3
Introduction to Computing and Lab (CMSC 180 and 182)	3
Management	3
Human Dignity and the Common Good (IDS 301)	3
	15

Human Physiology	4
Immunology	3
Biostatistics	3
Philosophical (QPL) course**	3
Historical (QHT) course	3
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Transfer students must complete 30 semester credit hours at Benedictine University to be considered an affiliate in the application process.

SOPHOMORE

Analytical Chemistry I and Lab	4
Microbiology	4
Genetics	3
College Physics I and Lab	4
Catholic and Benedictine Intellectual Traditions (IDS 201)	3
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Analytical Chemistry II and Lab	4
College Physics II and Lab	4
Introduction to Organic and Biochemistry and Lab *	4
Social Scientific II: Political, Global and Economic Systems (QPE)	3
Literary and Rhetorical (QLR) course	3
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SENIOR

One calendar-year, 32 semester credit-hour clinical curriculum at Hines VA Hospital.

- Hematology
- Clinical Microbiology
- Clinical Biochemistry
- Immunoserology
- Clinical Microscopy/Urinalysis
- Coagulation
- Special Topics
- Immunohematology

Acceptance into the senior-year program is not automatic and requires application.

*Students who may wish to attend professional school or graduate school should take Organic Chemistry (8 semester credit hours) and Biochemistry 361 (3 semester credit hours) instead of the Introduction to Organic and Biochemistry courses.

**General Ethics/Philosophical.