



Twin Cities Campus

Medical Technology B.S.

Medical School - Adm

Medical School

- **Students will no longer be accepted into this program after Summer 2007. Program requirements below are for current students only.**

- Program Type: Baccalaureate
- Requirements for this program are current for Spring 2012
- Required credits to graduate with this degree: 120
- Required credits within the major: 60
- This program is 9 terms (4½ years) long.
- This program requires summer terms.
- Degree: Bachelor of Science

The medical technology program prepares students to work as clinical laboratory scientists in hospital, clinical, and medical research laboratories. Students can be accepted in either the junior or senior year. All medical technology courses are taken in the fall and spring semester of the senior year, followed by 22 weeks of clinical coursework.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students must complete 9 courses before admission to the program.

Freshmen students are usually admitted to pre-major status before admission to this major

A GPA above 2.0 is preferred for the following:

- 2.50 already admitted to the degree-granting college
- 2.50 transferring from another University of Minnesota college
- 2.50 transferring from outside the University

Upon admission, students are required to submit proof of certain immunizations and vaccinations.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Pre-Medical Technology Courses

Students must take one math course at the level of college algebra or higher and one course in calculus or statistics. The same course may not be used to satisfy both distribution requirements.

[MATH 1031](#) - College Algebra and Probability [MATH] (3.0 cr)

or [MATH 1051](#) - Precalculus I [MATH] (3.0 cr)

or [MATH 1142](#) - Short Calculus [MATH] (4.0 cr)

or [MATH 1271](#) - Calculus I [MATH] (4.0 cr)

[MATH 1142](#) - Short Calculus [MATH] (4.0 cr)

or [MATH 1151](#) - Precalculus II [MATH] (3.0 cr)

or [MATH 1271](#) - Calculus I [MATH] (4.0 cr)

or [MATH 1272](#) - Calculus II (4.0 cr)

or [STAT 3011](#) - Introduction to Statistical Analysis [MATH] (4.0 cr)

[BIOL 1009](#) - General Biology [BIOL] (4.0 cr)

or [BIOL 1001](#) - Introductory Biology: Evolutionary and Ecological Perspectives [BIOL] (4.0 cr)

[BIOL 1002W](#) ~~{Inactive}~~[WI] (5.0 cr)

[CHEM 1021](#) ~~{Inactive}~~[PHYS] (4.0 cr)

[CHEM 1022](#) ~~{Inactive}~~[PHYS] (4.0 cr)

[CHEM 2301](#) - Organic Chemistry I (3.0 cr)

[CHEM 2302](#) - Organic Chemistry II (3.0 cr)

[PHSL 3051](#) - Human Physiology (4.0 cr)



General Requirements

All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the [liberal education requirements](#). Required courses for the major or minor in which a student receives a D grade (with or without plus or minus) do not count toward the major or minor (including transfer courses).

Program Requirements

INMD 3001, LAMP 4177, MEDT 1010, and MICB 4131 are highly recommended but not required for students pursuing a B.S. degree in medical technology.

Students are placed in a variety of clinical settings during their clinical coursework. In accord with Minnesota law, a criminal background check is required of each student before clinical courses. The Division of Medical Technology arranges this check.

Junior Year Courses

BIOC 3021 - Biochemistry (3.0 cr)
BIOL 4003 - Genetics (3.0 cr)
or GCD 3022 - Genetics (3.0 cr)
BIOL 2032 *{Inactive}* (4.0 cr)
or MICB 3301 - Biology of Microorganisms (5.0 cr)

Senior Year Courses

CLSP 4501 *{Inactive}* (2.0 cr)
CLSP 4502 *{Inactive}* (2.0 cr)
CLSP 4101 *{Inactive}* (2.0 cr)
CLSP 4102 *{Inactive}* (2.0 cr)
CLSP 4103 *{Inactive}* (2.0 cr)
CLSP 4602 *{Inactive}* (1.0 cr)
CLSP 4203 *{Inactive}* (1.0 cr)
CLSP 4302 *{Inactive}* (3.0 cr)
CLSP 4311 *{Inactive}* (2.0 cr)
CLSP 4304 *{Inactive}* (2.0 cr)
CLSP 4305 *{Inactive}* (2.0 cr)
CLSP 4401 *{Inactive}* (3.0 cr)
CLSP 4201 *{Inactive}* (3.0 cr)
CLSP 4202 *{Inactive}* (2.0 cr)

Clinical Courses

These courses should be completed during the 22 weeks of clinical rotations in the summer and fall terms following the senior year, including six weeks of clinical chemistry, five weeks in hematology and coagulation, five weeks in immunohematology, five weeks in microbiology, and one week in a specialty laboratory area.

CLSP 4703 *{Inactive}* (2.0 cr)
CLSP 4702 *{Inactive}* (2.0 cr)
CLSP 4704 *{Inactive}* (2.0 cr)
CLSP 4701 *{Inactive}* (2.0 cr)
CLSP 4089 *{Inactive}* (1.0 cr)