

The Ohio State University
College of Medicine

Medical Laboratory Science Minor (MEDLBS-MN)

Medical Laboratory Science Division
Dr. Tammy Bannerman, PhD
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Columbus, OH 43210
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<https://hrs.osu.edu/academics/undergraduate-programs/medical-laboratory-science>

The Medical Laboratory Science minor provides students, especially those preparing for admission to professional schools in medicine, dentistry, pharmacy and to graduate programs for physician assistant and other related health fields, with basic knowledge to evaluate and interpret clinical laboratory data.

Required prerequisite courses:

All courses require the following prerequisites: Biology 1113, Chemistry 1210 and 1220. MEDLBS 4050 or MEDLBS 5050 AND MEDLBS 4200 or MEDLBS 5200 are prerequisites for MEDLBS 4250/5250.

Minor Coursework (3-5 courses, min. 12 CH)

Students may select an appropriate number of courses/credit hours from the following:

Online Courses:

- MEDLBS 4000 Med Lab Clinical Bacteriology (3)**
- MEDLBS 4100 Med Lab Special Microbiology (3)*
- MEDLBS 4150 Med Lab Microscopy (2)**
- MEDLBS 4050 Med Lab Hematology (5)*
- MEDLBS 4250 Med Lab Immunohematology (4)*
- MEDLBS 4300 Med Lab Clinical Chemistry (5)*
- MEDLBS 4200 Med Lab Immunology (3)**
- MEDLBS 4500 Phlebotomy (1)*

In Person Courses:

- MEDLBS 5000 Med Lab Microbiology II (3)**
May not be taken if choosing MEDLBS 4000
- MEDLBS 5050 Med Lab Hematology (5) *
May not be taken if choosing MEDLBS 4050
- MEDLBS 5100 Med Lab Microbiology I (3)*
May not be taken if choosing MEDLBS 4100
- MEDLBS 5150 Med Lab Microscopy (2)**
May not be taken if choosing MEDLBA 4150
- MEDLBS 5200 Med Lab Immunology (3)**
May not be taken if choosing MEDLBS 4200
- MEDLBS 5250 Med Lab Immunohematology (4)*
May not be taken if choosing MEDLBS 4250
- MEDLBS 5300 Med Lab Chemistry (5)*
May not be taking if choosing MEDLBS 4300

**only available in Autumn semesters;*

***only available in Spring semesters;*

Courses are not typically offered in Summer terms

Medical Laboratory Science minor program guidelines:

Credit hours required: A minimum of 12 credit hrs. 1000 level courses shall not be counted in the minor. At least 6 credit hrs must be upper-level courses as defined by the College of Medicine (3000 level or above.)

Transfer and EM credit hours allowed: A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE: A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits: No more than 3 credit hours.

Minor approval: The minor course work can be approved by any advisor if following the minor sheet. Any variations from the minor sheet must be approved by an HRS advisor in Atwell 206.

Filing the minor program form: The minor program form must be filed by the beginning of the junior year.

Changing the minor: Once the minor program is filed in the college office, any changes must be approved by the minor coordinator (or the coordinator's designee).

College of Arts and Sciences
Curriculum and Assessment Services
306 Dulles Hall, 230 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>
Approved CAA 9/7/16
Updated 3-12-18 DH
Updated 5-18-18 DH
Updated 6-9-21 DH
Rev. CAA 02-07-2024 RLS
Rev. CAA 09-18-2024 RLS