The Ohio State University College of Medicine
Medical Laboratory Science Division
Medical Laboratory Science Minor (MEDLBS-MN)

Medical Laboratory Science Division Dr.
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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.

Students should work with their academic advisor to declare the Medical Laboratory Science minor early in their academic career and to plan the timely completion of coursework. Most courses are offered *either* autumn or spring semester; courses are not typically offered in the summer.

Prerequisite Courses (3-4 courses; 14-17 CH)
Complete both items below:

1. BIOLOGY 1113(.xx)(H)(E) (4-5)
2. CHEMISTRY 1210 and 1220 (10)
   -OR-
   CHEMISTRY 1206, 1208 and 1220 (12)
   -OR-
   CHEMISTRY 1610 and 1620 (10)
   -OR-
   CHEMISTRY 1910H and 1920H (10)

Note: Several of the courses below have prerequisites beyond those required by the minor program. Please see the course catalog for details.

Required Courses (3-5 courses; min. 12 CH)
Select 3-5 courses from the list below. 4000-level courses are online; 5000-level courses are in-person.

- MEDLBS 4000 ***-OR-*** 5000 - Med Lab Clinical Bacteriology /Med Lab Microbiology II (3)
- MEDLBS 4050 ***-OR-*** 5050 - Med Lab Hematology (5)
- MEDLBS 4100 ***-OR-*** 5100 Med Lab Special Microbiology/Med Lab Microbiology I (3)
- MEDLBS 4150 ***-OR-*** 5150 Med Lab Microscopy (2)
- MEDLBS 4200 ***-OR-*** 5200 Med Lab Immunology (3)
- MEDLBS 4250 ***-OR-*** 5250 Med Lab Immunohematology (4)
- MEDLBS 4300 ***-OR-*** 5300 Med Lab Clinical Chemistry /Med Lab Chemistry (5)
- MEDLBS 4500 Phlebotomy (1)

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 two courses between the GE and the minor as long as the minor consists of at least 4 courses.

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.

Declaring the minor: Students should see their assigned academic advisor to declare the minor prior to the filing of the graduation application. Students do not need the approval of the Medical Laboratory Science Division to declare the minor.

Approval of Coursework
Initial approval of the minor coursework:
Students who complete the minor following the guidelines on this sheet need only verify with their academic advisor that the minor appears complete on the Degree Audit Report. No approval from the Medical Laboratory Science Division is required.

Approval for courses not listed on this form to apply to the minor program:
Students must obtain the approval of the Medical Laboratory Science Division to apply courses not listed on this form toward the Medical Laboratory Science minor. Please email Tammy.Bannerman@osumc.edu to request approval.

College of Arts and Sciences
Curriculum and Assessment Services
306 Dulles Hall,230 Annie & John Glenn Ave.
http://artsandsciences.osu.edu
Updated 6-9-21 DH
Rev. CAA 02-07-2024 RLS
Rev. CAA 09-18-2024 RLS
Updated 10-26-2026 MCR