



1/29/24

RE: Informational Item for CAA
Revision of Minor for Medical Laboratory Sciences

The Medical Laboratory Division is requesting to update the Medical Laboratory Science Minor (MEDLBS-MN) course offerings. We would like to add the new online courses and the in-person MEDLBS 5250 Immunohematology course. The online courses are:

- MEDLBS 4000 Med Lab Clinical Bacteriology (3)
- MEDLBS 4100 Med Lab Special Microbiology (3)
- 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)

The online courses have already been approved for the MEDLBS-MN and this is reflected in the OSU Course Catalog. We are not removing any of the current in-person courses on the minor advising sheet. This update will provide an opportunity for students to register for either online or in-person courses; as a result, provides schedule flexibility for students to obtain the MEDLBS-MN. This proposal was approved by the HRS Curriculum Committee on July 7, 2023.

Marcia Nahikian-Nelms, PhD, RDN, FAND
Assistant Dean for Academic Affairs
School of Health and Rehabilitation Sciences



206 Atwell Hall
453 W. 10th Ave.
Columbus, OH 43210

614-292-4758 Phone
614-292-0210 Fax

<https://hrs.osu.edu/>

July 7, 2023

Curriculum Committee
School of Health and Rehabilitation Sciences
The Ohio State University

Dear Dr. Bannerman:

On June 15, 2023, the HRS Curriculum Committee reviewed the proposed changes to the Medical Laboratory Science minor. The committee unanimously voted in support of these changes.

We are so grateful for your program's ongoing commitment to teaching excellence. No further action is needed on your part. We will update the minor form located on the Arts and Sciences and HRS websites.

Thank you.

Sincerely,

Marcia Nahikian-Nelms, PhD,RDN,LD,FAND
Professor, Clinical
Assistant Dean for Academic Affairs



THE OHIO STATE UNIVERSITY

**Division of Medical Laboratory Science
School of Health and Rehabilitation Sciences**

535 Atwell Hall
453 W. 10th Ave.
Columbus, OH 43210

614-292-7303 - Phone
614-292-0210 - Fax

<https://hrs.osu.edu/>

May 25, 2023

Curriculum Committee
School of Health and Rehabilitation Sciences

Dear Colleagues,

The Medical Laboratory Division is requesting to update the Medical Laboratory Science Minor (MEDLBS-MN) course offerings. We would like to add the new online courses and the in-person MEDLBS 5250 Immunohematology course. The online courses are:

- MEDLBS 4000 Med Lab Clinical Bacteriology (3)
- MEDLBS 4100 Med Lab Special Microbiology (3)
- 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)

The online courses have already been approved for the MEDLBS-MN and this is reflected in the OSU Course Catalog. We are not removing any of the current in-person courses on the minor advising sheet. This update will provide an opportunity for students to register for either online or in-person courses; as a result, provides schedule flexibility for students to obtain the MEDLBS-MN.

Programmatic Implications: More students may enroll in the online courses.

Thank you for your consideration of this request. We would like for the change to be implemented upon approval. Please let me know if you require any additional information.

Sincerely,

DocuSigned by:

0F7626C5A68B4DF...

Tammy L. Bannerman, Ph.D, D(ABMM)
Medical Laboratory Science, Division Director
Assoc Professor - Clinical

The Ohio State University
College of Medicine

Medical Laboratory Science Minor (MEDLBS-MN)

Medical Laboratory Science Division
Dr. Tammy Bannerman, PhD
535 Atwell Hall, 453 W. 10th Avenue
Columbus, OH 43210
614-292-7303

<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.

Students may select from the list of online courses below (credit hrs):

- MEDLBS 4000 Med Lab Clinical Bacteriology (3)**
- MEDLBS 4100 Med Lab Special Microbiology (3)*
- 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)*

Students may select from the list of in-person courses below (credit hrs):

- 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)**
- 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:

Required for graduation: No

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 at the 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.
- point-hour ratio required for the minor.
- 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).

The Ohio State University
College of Medicine

Medical Laboratory Science Minor (MEDLBS-MN)

Medical Laboratory Science Division
Dr. Tammy Bannerman, PhD
535 Atwell Hall, 453 W. 10th Avenue
Columbus, OH 43210
614-292-7303

<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, and Math 1150 or higher. For those students electing to take MEDLBS 5000, Microbiology 4000 is an additional prerequisite. For those students electing to take MEDLBS 5300, Chemistry 2510 and Biochemistry 4511 are additional prerequisites.

Students may select from the list of courses below (for a minimum of 12 credit hours):

MEDLBS 5000 Clinical Lab Microbiology I (3)**
MEDLBS 5050 Clinical Lab Hematology (5)*
MEDLBS 5100 Clinical Lab Microbiology II (3)*
MEDLBS 5150 Clinical Lab Microscopy (2)**
MEDLBS 5200 Clinical Lab Immunology (3)**
MEDLBS 5300 Clinical Lab Chemistry (5)*

**only available in Autumn semesters;*

***only available in Spring semesters;*

Courses are not typically offered in Summer terms

Medical Laboratory Science minor program guidelines:

Required for graduation: No

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 at the 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.
- point-hour ratio required for the minor.
- 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
154 Denney Hall, 164 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