



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**New Course Request**

<b>SDSU</b>	<b>College of Pharmacy and Allied Health Professions / Department of Allied and Population Health</b>
<b>Institution</b>	<b>Division/Department</b>
Dennis D. Hedge	12/17/2024
<b>Institutional Approval Signature</b>	<b>Date</b>

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
MLS 430	Medical Laboratory Microbiology Theory and Practice	4

**Course Description**

This course will cover human pathogens in humans with clinical applications in the medical microbiology laboratory.

**Pre-requisites or Co-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

**Registration Restrictions**

Medical Laboratory Science major – Accelerated program

**Section 2. Review of Course**

**2.1. Will this be a unique or common course?**

**Unique Course**

Prefix & No.	Course Title	Credits
MLS 441-441L	Diagnostic Microbiology II and Lab	3, 2
MLS 442	Clinical Microbiology	8-11

Provide explanation of differences between proposed course and existing system catalog courses below:

While MLS 441 and MLS 441L are similar courses, they have important differences compared to the proposed MLS 430. MLS 441-441L are full semester courses intended for on-campus students that build on content from MLS 341-341L and cover parasitology, mycology, advanced concepts and clinical correlation. MLS 442 is a theory and clinical internship course for USD MLS students completing their training in an 11-month clinical internship at an affiliated hospital program. MLS 430 Medical Laboratory Microbiology Theory and Practice will be a partial term course that includes online laboratory components. MLS 430 students will not be required to attend lab on-campus as part of the course but instead will participate in “Train in Place” training online and at their local sponsoring clinical site.

**Section 3. Other Course Information**

**3.1. Are there instructional staffing impacts?**

No. Schedule Management, explain below: The online section of MLS 441 Diagnostic Microbiology II and the on-campus MLS accelerated section of MLS 441L Diagnostic Microbiology II Lab will be discontinued. These sections were intended for the MLS Accelerated students and will no longer be needed under the revised curriculum for the accelerated MLS program.

**3.2. Existing program(s) in which course will be offered: Medical Laboratory Science (B.S.) –**

Accelerated Program

**3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4):** R - Lecture

**3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5):** 029 – Hybrid Online

**3.5. Term change will be effective:** fall 2025

**3.6. Can students repeat the course for additional credit?**  Yes, total credit limit:  No

**3.7. Will grade for this course be limited to S/U (pass/fail)?**  Yes  No

**3.8. Will section enrollment be capped?**  Yes, max per section: 24  No

**3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report?**  Yes  No

**3.10. Is this prefix approved for your university?**  Yes  No

#### **Section 4. Department and Course Codes (Completed by University Academic Affairs)**

**4.1. University Department:** Allied and Population Health

**4.2. Banner Department Code:** SAPH

**4.3. Proposed CIP Code:** 51.1005

Is this a new CIP code for the university?  Yes  No

### **NEW COURSE REQUEST Supporting Justification for On-Campus Review**

<u>Brad Laible</u>	<u>Brad Laible</u>	<u>10/31/2024</u>
<b>Request Originator</b>	<b>Signature</b>	<b>Date</b>
<u>James Amell</u>	<u>James Amell</u>	<u>10/31/2024</u>
<b>Department Chair</b>	<b>Signature</b>	<b>Date</b>
<u>Dan Hansen</u>	<u>Dan Hansen</u>	<u>10/31/2024</u>
<b>School/College Dean</b>	<b>Signature</b>	<b>Date</b>

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

This course will be an accelerated pathway-specific modular course. It combines elements of other courses in an intense, partial-semester manner that correlates with a part-time clinical experience in a “Train in Place” approach. MLS 430 will incorporate asynchronous online didactic and laboratory components with an in-person clinical experience allowing for applications of online learning in a hands-on approach. The Train in Place approach allows for improved efficiencies and allows students to complete didactic and laboratory content where they currently reside. The MLS Advisory Committee and accelerated MLS student feedback was that the current courses (MLS 441-441L) did not align with the accelerated approach. This proposed course would allow for an alternate delivery to meet the needs of our target learner population.

2. Note whether this course is:  Required  Elective
3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?

None.

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.  
N/A

5. Desired section size 24

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).  
Stacie Lansink, Lecturer, MS

7. Note whether adequate facilities are available and list any special equipment needed for the course.

The course will be taught online with some hands-on experience in the laboratory setting. All needed facilities and equipment will be provided by the clinical affiliate site.

8. Note whether adequate library and media support are available for the course.

Existing library and media support resources are sufficient for this course.

9. Will the new course duplicate courses currently being offered on this campus?  Yes  No
10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined. N/A