



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

**New Course Request**

**SDSU**

**College of Pharmacy and Allied Health Professions /  
Department of Allied and Population Health**

**Institution**

**Division/Department**

Dennis D. Hedge

12/17/2024

**Institutional Approval Signature**

**Date**

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
MLS 426	Foundations of Medical Laboratory Microbiology	3

**Course Description**

This course will cover foundational concepts and 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 341-341L	Diagnostic Microbiology I 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 341 and MLS 341L are similar courses, they have important differences compared to the proposed course, MLS 426. MLS 341 and MLS 341L are full semester courses intended for on-campus students that introduce diagnostic microbiology and correlating laboratory procedures specific to a clinical microbiology lab. 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 426 Foundations of Medical Laboratory Microbiology will be a partial term course that will include online laboratory components.

**Section 3. Other Course Information**

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

No. Schedule Management, explain below: The asynchronous online section of MLS 341 will be discontinued. This section was 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):** 015 - Online Asynchronous

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 prepares students for later topic-specific modular courses. MLS 426 will incorporate both didactic and online laboratory components to establish foundational knowledge necessary for the planned Train in Place 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 course (MLS 341) did not align with the accelerated approach. Clinical experiences in the future semesters will expand upon the foundational knowledge and skills established in this course.

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).

Tiffany Niemann, Instructor, MS

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

The course will be taught online. All the facilities and equipment needed are available.

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