



**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 310	Laboratory Operations	2

Course Description

This course will provide an overview of basic operations within the medical laboratory including quality control, instrumentation, and laboratory math.

Pre-requisites or Co-requisites

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

Registration Restrictions

Medical Laboratory Science major.

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
MLS 403L	Diagnostic Immunology Lab	1
MLS 461	Introduction to Management and Education	3

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

The essential medical laboratory practices that will be covered in the proposed MLS 310 are currently spread across several courses. MLS 403L Diagnostic Immunology Lab will be discontinued, as its essential content, including topics on dilutions and pipetting, will be integrated into MLS 310. Additionally, due to previous curriculum changes, quality control was moved to MLS 461 Introduction to Management and Education, and this content will now be shifted from MLS 461 to MLS 310.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Replacement of MLS 403L Diagnostic Immunology Lab (1 cr.); Effective date of deletion: fall 2025

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

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](#)): 001 - Face to Face

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

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

Laboratory operations have been recognized as an area of need in the curriculum, leading to the creation of a new 2-credit course, MLS 310 Laboratory Operations. Relevant content from MLS 403L Diagnostic Immunology Lab, which is being phased out, and MLS 461 Introduction to Management and Education will be incorporated into this new 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).

Heather Moser, Instructor, MS

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

All needed facilities and equipment 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