



**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 427	Medical Chemistry Theory and Practice	4

Course Description	This course will build on foundational medical chemistry concepts with clinical applications in the medical laboratory.
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Pre-requisites or Co-requisites

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

Registration Restrictions

Medical Laboratory Science major – Accelerated program
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Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
MLS 411-411L	Clinical Chemistry II and Lab	3, 1
MLS 439	Clinical Chemistry	5-12

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

MLS 439 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 427 will differ from MLS 411-411L due to not having urine and body fluid analysis didactic content and the addition of part-time clinical experiences and alternative delivery based on situational factors including condensation of content, learner population, and a “Train in Place” approach.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: The asynchronous online sections of MLS 411-411L 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> 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.

MLS 427 will include a continuation of the didactic theory covered in MLS 421 and will include part-time clinical training at an approved clinical site. This will allow for improved efficiencies and allow for students to complete didactic and laboratory experiences where they currently live. Advisory committee and accelerated MLS student feedback was that the current courses (MLS 311/411) did not align with the accelerated approach. MLS 421 will enhance the accelerated MLS program curriculum by allowing student to apply their knowledge of theory with clinical training.

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.
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