



**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 405	Advanced Clinical Chemistry	3

Course Description
This course will provide comprehensive coverage of clinical chemistry principles including disease states and clinical applications.

Pre-requisites or Co-requisites

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

Registration Restrictions

Medical Laboratory Science major – Upward Mobility program.

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
MLS 311	Clinical Chemistry I	4
MLS 411	Clinical Chemistry II	3

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

MLS 311 and MLS 411 are the Clinical Chemistry series originally designed for the on-campus Medical Laboratory Science program. These courses collectively cover the vast topics of clinical chemistry necessary for medical laboratory science students. The proposed course, MLS 405 Advanced Clinical Chemistry, has been designed to better address the academic needs of the Upward Mobility learner population.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: Workload for this new course will be offset by no longer offering sections of MLS 411 Clinical Chemistry II that are intended for Upward Mobility students.

3.2. Existing program(s) in which course will be offered: Medical Laboratory Science (B.S.) – Upward Mobility 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> 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 405 Advanced Clinical Chemistry will expand upon topics introduced in MLS 312 MLT to MLS Transitional Experience, but will add additional focus on correlation, laboratory applications, and diagnostics. This course addition will replace MLS 411 Clinical Chemistry II, in the upward mobility pathway. This change is necessary to ensure comprehensive clinical chemistry education is provided to these students.
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. 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