



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

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	SDSU
<b>CURRENT PROGRAM DEGREE:</b>	B.S.
<b>CURRENT PROGRAM MAJOR/MINOR:</b>	Medical Laboratory Science
<b>CURRENT SPECIALIZATION:</b>	N/A
<b>CIP CODE:</b>	51.1005
<b>UNIVERSITY DEPARTMENT:</b>	Allied & Population Health
<b>BANNER DEPARTMENT CODE:</b>	SAPH
<b>UNIVERSITY COLLEGE:</b>	Pharmacy & Allied Health Professions
<b>BANNER COLLEGE CODE:</b>	3P

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

Dennis D. Hedge

3/28/2024

Vice President of Academic Affairs or  
President of the University

Date

**1. This modification addresses a change in:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline   | <input type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work  | <input type="checkbox"/> Total credits required for program      |
| <input type="checkbox"/> Program name  | <input type="checkbox"/> Existing specialization                 |
| <input type="checkbox"/> CIP Code  | <input type="checkbox"/> Other (explain below)                   |
| <input type="checkbox"/> Modification requiring Board of Regents approval<br><i>Must have prior approval from Executive Director or designee</i> |  |

**2. Effective date of change: 2024-2025 Academic Year**

**3. Program Degree Level:**

Associate  Bachelor's  Master's  Doctoral

**4. Category:**

Certificate  Specialization  Minor  Major

**5. If a name change is proposed, the change will occur:**

- On the effective date for all students  
 On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name:

**6. Is the program being modified associated with a current articulation agreement?**

Yes  No

- a. If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain: N/A

## 7. Primary Aspects of the Modification:

*Existing Curriculum*

*Proposed Curriculum (highlight changes)*

Prof.	Num.	Title	Cr. Hrs.	Prof.	Num.	Title	Cr. Hrs.
<b>System General Education Requirements</b>			<b>33</b>	<b>System General Education Requirements</b>			<b>33</b>
<b>System General Education Requirements - Electives</b>			<b>21</b>	<b>System General Education Requirements - Electives</b>			<b>21</b>
		SGR #1	3			SGR #1	3
		SGR #1	3			SGR #1	3
		SGR #2	3			SGR #2	3
		SGR #3	3			SGR #3	3
		SGR #3	3			SGR #3	3
		SGR #4	3			SGR #4	3
		SGR #4	3			SGR #4	3
<b>System General Education Requirements - Required</b>			<b>12</b>	<b>System General Education Requirements - Required</b>			<b>12</b>
MATH	114	College Algebra (SGR #5)	3	MATH	114	College Algebra (SGR #5)	3
CHEM	106	Chemistry Survey I (SGR #6)	3	CHEM	106	Chemistry Survey I (SGR #6)	3
CHEM	106L	Chemistry Survey I Lab (SGR #6)	1	CHEM	106L	Chemistry Survey I Lab (SGR #6)	1
CHEM	108	Chemistry Survey II (SGR #6)	4	CHEM	108	Chemistry Survey II (SGR #6)	4
CHEM	108L	Chemistry Survey II Lab (SGR #6)	1	CHEM	108L	Chemistry Survey II Lab (SGR #6)	1
<b>Major Requirements</b>			<b>80</b>	<b>Major Requirements</b>			<b>77</b>
BIOL	221	Anatomy	4	BIOL	221	Anatomy	4
BIOL	221L	Anatomy Lab	0	BIOL	221L	Anatomy Lab	0
BIOL	325	Physiology	4	BIOL	325	Physiology	4
BIOL	325L	Physiology Lab	0	BIOL	325L	Physiology Lab	0
MLS	201	Understanding Medical Laboratory Science	2	MLS	201	Understanding Medical Laboratory Science	2
MLS	301	Hematology I	2	MLS	301	Hematology I	2
MLS	301L	Hematology I Lab	1	MLS	301L	Hematology I Lab	1
MLS	311	Clinical Chemistry I	4	MLS	311	Clinical Chemistry I	4
MLS	341	Diagnostic Microbiology I	3	MLS	341	Diagnostic Microbiology I	3
MLS	341L	Diagnostic Microbiology I Lab	2	MLS	341L	Diagnostic Microbiology I Lab	2
MLS	401	Hematology II and Hemostasis	3	MLS	401	Hematology II and Hemostasis	3
MLS	401L	Hematology II and Hemostasis Lab	1	MLS	401L	Hematology II and Hemostasis Lab	1
MLS	403	Diagnostic Immunology	3	MLS	403	Diagnostic Immunology	3
MLS	403L	Diagnostic Immunology Lab	1	MLS	403L	Diagnostic Immunology Lab	1
MLS	411	Clinical Chemistry II	3	MLS	411	Clinical Chemistry II	3
MLS	411L	Clinical Chemistry II Lab	1	MLS	411L	Clinical Chemistry II Lab	1
MLS	412	Laboratory Methods	3	MLS	412	Laboratory Methods	3
MLS	412L	Laboratory Methods Lab	1	MLS	412L	Laboratory Methods Lab	1
MLS	431	Immunochemistry	2	MLS	431	Immunochemistry	2
MLS	431L	Immunochemistry Lab	1	MLS	431L	Immunochemistry Lab	1
MLS	441	Diagnostic Microbiology II	3	MLS	441	Diagnostic Microbiology II	3
MLS	441L	Diagnostic Microbiology II Lab	2	MLS	441L	Diagnostic Microbiology II Lab	2
MLS	451	Immunochemistry II	2	MLS	451	Immunochemistry II	2
MLS	451L	Immunochemistry II Lab	1	MLS	451L	Immunochemistry II Lab	1
MLS	461	Intro. To Management and Education	3	MLS	461	Intro. To Management and Education	3
MLS	471	Advanced Medical Diagnostics	2	MLS	471	Advanced Medical Diagnostics	2
MLS	471L	Advanced Medical Diagnostics Lab	2	MLS	471L	Advanced Medical Diagnostics Lab	2
MLS	472	Advanced Clinical Experience I	8	MLS	472	Advanced Clinical Experience I	5
MLS	473	Advanced Clinical Diagnostics I	3	MLS	473	Advanced Clinical Diagnostics I	3
MLS	474	Advanced Clinical Diagnostics II	3	MLS	474	Advanced Clinical Diagnostics II	3
MLS	475	Advanced Clinical Experience II	3	MLS	475	Advanced Clinical Experience II	3
MLS	483	Senior Capstone Clinical Experience	3	MLS	483	Senior Capstone Clinical Experience	3
MLS	489	Phlebotomy Clinical Experience	1	MLS	489	Phlebotomy Clinical Experience	1
STAT	281	Introduction to Statistics	3	STAT	281	Introduction to Statistics	3
<b>Electives (Additional elective credits needed to reach 120 credits)</b>			<b>7</b>	<b>Electives (Additional elective credits needed to reach 120 credits)</b>			<b>10</b>
<b>Summary of Credits Medical Laboratory Science (B.S.)</b>							
<b>System General Education Requirements</b>			<b>33</b>	<b>System General Education Requirements</b>			<b>33</b>
<b>Major Requirements</b>			<b>80</b>	<b>Major Requirements</b>			<b>77</b>

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
<b>Pref.</b>	<b>Num.</b>	<b>Title</b>	<b>Cr. Hrs.</b>	<b>Pref.</b>	<b>Num.</b>	<b>Title</b>	<b>Cr. Hrs.</b>
<b>Electives</b>			<b>7</b>	<b>Electives</b>			<b>10</b>
Total number of hours required for major			92	Total number of hours required for major			89
Total number of hours required for degree			120	Total number of hours required for degree			120

### **8. Explanation of the Change:**

The MLS Academic Affairs committee voted in favor of reducing the credits for MLS 472 Advanced Clinical Experience I from 8 credits to 5 credits. After reviewing the course, it was recognized the movement of content out of the course to other courses over the last few years has resulted in a course that does not have 8 credits of work. The 3 credits will be replaced by requiring an additional 3 credits of general electives.