



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

Substantive Program Modification Form

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	NSU
CURRENT PROGRAM TITLE:	BS Chemistry
CIP CODE:	26.0101
UNIVERSITY DEPARTMENT:	Science and Mathematics
BANNER DEPARTMENT CODE:	NCHP
UNIVERSITY DIVISION:	College of Arts and Sciences
BANNER DIVISION CODE:	5A

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.



Vice President of Academic Affairs or
President of the University

10/9/2020

Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input 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) |

2. Effective date of change: 8/20/2021

3. Program Degree Level (place an "X" in the appropriate box):

Associate ☐ Bachelor's ☒ Master's ☐ Doctoral ☐

4. Category (place an "X" in the appropriate box):

Certificate ☐ Specialization ☐ Minor ☐ Major ☒

5. If a name change is proposed, the change will occur (place an "X" in the appropriate box):

- ☐ 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: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
IDL	190	First Year Seminar	2	IDL	190	First Year Seminar	2
CHEM	130	Success in Science	1	CHEM	130	Success in Science	1
CHEM	112/L	General Chemistry I	4	CHEM	112/L	General Chemistry I	4
CHEM	114/L	General Chemistry II	4	CHEM	114/L	General Chemistry II	4
CHEM	326/L	Organic Chemistry I	4	CHEM	326/L	Organic Chemistry I	4
CHEM	328/L	Organic Chemistry II	4	CHEM	328/L	Organic Chemistry II	4
CHEM	332/L	Analytical Chemistry	4	CHEM	332/L	Analytical Chemistry	4
CHEM	342	Physical Chemistry I	3	CHEM	342/L	Physical Chemistry I	4
CHEM	344	Physical Chemistry II	3	CHEM	344/L	Physical Chemistry II	4
CHEM	434/L	Instrumental Analysis	4	CHEM	434/L	Instrumental Analysis	4
CHEM	452/L	Inorganic Chemistry	4	CHEM	452/L	Inorganic Chemistry	4
CHEM	490	Senior Seminar	1	CHEM	490	Senior Seminar	1
CHEM	498	Undergraduate Research	1	CHEM	498	Undergraduate Research	1
MATH	123	Calculus I	4	MATH	123	Calculus I	4
Total number of hours required for major, minor, or specialization			43	Total number of hours required for major, minor, or specialization			45
Total number of hours required for degree			120	Total number of hours required for degree			120

7. Explanation of the Change:

Adding the labs to the Physical Chemistry courses will provide students additional skills in Chemistry, making them more marketable for graduate programs and/or research positions.