



**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 – Forensic Science Specialization
CIP CODE:	400501
UNIVERSITY DEPARTMENT:	Chemistry and Physics
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

12/8/2020

Date

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

- Total credits required within the discipline Total credits of supportive course work
- Total credits of elective course work Total credits required for program
- Program name Existing specialization
- CIP Code Other (explain below)

2. Effective date of change: 8/23/2021

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):

Existing Curriculum				Proposed Curriculum (highlight changes)			
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
BIOL	151/151L	General Biology I/Lab	4	BIOL	151/151L	General Biology I/Lab	4
BIOL	281/281L	Introduction to Statistics/Lab	3	BIOL	281/281L	Introduction to Statistics/Lab	3
CHEM	112/112L	General Chemistry I/Lab	4	CHEM	112/112L	General Chemistry I/Lab	4
CHEM	114/114L	General Chemistry II/Lab	4	CHEM	114/114L	General Chemistry II/Lab	4
CHEM	326/326L	Organic Chemistry I/Lab	4	CHEM	326/326L	Organic Chemistry I/Lab	4
CHEM	332/332L	Analytical Chemistry/Lab	4	CHEM	332/332L	Analytical Chemistry/Lab	4
CHEM	490	Seminar	1	CHEM	490	Seminar	1
CJUS	313	Crime Scene Investigation	3	CJUS	313	Crime Scene Investigation	3
CJUS	314/314L	Criminalistics/Lab	3	CJUS	314/314L	Criminalistics/Lab	3
PHYS	111/111L	Introduction to Physics I/Lab	4	MATH	123	Calculus I	4
PHYS	113/113L	Introduction to Physics II/Lab	4	PHYS	211/211L	University Physics I/Lab	4
				PHYS	213/213L	University Physics II/Lab	4
		Choose 1: BIOL 240/240L Biotechnology Lab Methods and Techniques/ Lab (3 cr) BIOL 343/343L Cell and Molecular Biology/Lab (4cr)	3-4			Choose 1: BIOL 240/240L Biotechnology Lab Methods and Techniques/ Lab (3 cr) BIOL 343/343L Cell and Molecular Biology/Lab (4 cr)	3-4
		Choose 1: CHEM 328/328L Organic Chemistry II/Lab CHEM 460/460L Biochemistry/ Lab	4			Choose 1: CHEM 328/328L Organic Chemistry II/Lab CHEM 464/464L Biochemistry I/ Lab	4
		Choose 1: CJUS 431 Criminal Law CJUS 433 Criminal Procedure	3			Choose 1: CJUS 431 Criminal Law CJUS 433 Criminal Procedure	3
Total number of hours required for major, minor, or specialization			51-52	Total number of hours required for major, minor, or specialization			55-56
Total number of hours required for degree			120	Total number of hours required for degree			120

7. Explanation of the Change:

PHYS 111/111L Introduction to Physics I/Lab and PHYS 113/113L Introduction to Physics II/Lab will not be offered in the foreseeable future. These classes are being replaced by PHYS 211/211L University Physics I/Lab and PHYS 213 University Physics II/Lab.

CHEM 460/460L Biochemistry/Lab has been replaced by a two-semester sequence. CHEM 464/464L Biochemistry I/Lab replaces CHEM 460/460L.

MATH 123 Calculus I has been added to the BS in Chemistry and the BSEd in Chemistry. Adding the class to this specialization will enable consistency within the program and will help students prepare for upper-level chemistry courses.