



**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 DEGREE:	BSEd
CURRENT PROGRAM MAJOR/MINOR:	Biology Education
CURRENT SPECIALIZATION (If applicable):	
CIP CODE:	131322
UNIVERSITY DEPARTMENT:	Science and Mathematics
BANNER DEPARTMENT CODE:	NSCM
UNIVERSITY COLLEGE:	College of Arts and Sciences
BANNER COLLEGE 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

10/17/2023

Date

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

- | | |
|--|--|
| <input 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 checked="" 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
<i>Must have prior approval from Executive Director or designee</i> | |

2. Effective date of change: 8/1/2024

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. 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:**

7. 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	Seminar	2	IDL	190	Seminar	2
BIOL	130	Success in Science	1	BIOL	130	Success in Science	1
BIOL	151/151L	General Biology I/Lab	4	BIOL	151/151L	General Biology I/Lab	4
BIOL	153/153L	General Biology II/Lab	4	BIOL	153/153L	General Biology II/Lab	4
BIOL	311/311L	Principles of Ecology/Lab	4	BIOL	311/311L	Principles of Ecology/Lab	4
BIOL	343/343L	Cell and Molecular Biology/Lab	4	BIOL	343/343L	Cell and Molecular Biology/Lab	4
BIOL	371/371L	Genetics/lab	4	BIOL	371/371L	Genetics/lab	4
BIOL	490	Seminar	1	BIOL	490	Seminar	1
BIOL	495	Practicum	1	BIOL	495	Practicum	1
MATH	123	Calculus I	4	MATH	114	College Algebra	3
		BIOL electives	4			BIOL electives	4
		Choose 1: BIOL 357/357L Invertebrate Zoology/ Lab	4			Choose 1: BIOL 357/357L Invertebrate Zoology/ Lab	4

		BIOL 365/365L Vertebrate Zoology/Lab				BIOL 365/365L Vertebrate Zoology/Lab	
		Choose 1: BIOL 301/301L Plant Systematics/Lab BIOL 351/351L Plant Structure and Function	4			Choose 1: BIOL 301/301L Plant Systematics/Lab BIOL 351/351L Plant Structure and Function/Lab	4
		Choose 1: BIOL 221/221L Human Anatomy/Lab BIOL 325/325L Physiology/ Lab	4			Choose 1: BIOL 220/220L Anatomy & Physiology I / Lab BIOL 230/230L Anatomy & Physiology II/Lab	4
		Secondary Education requirements	48			Secondary Teacher Education requirements	48
		General Education courses	30			General Education courses	30
Total number of hours required for major, minor, or specialization			45	Total number of hours required for major, minor, or specialization			44
Total number of hours required for degree			120	Total number of hours required for degree			120

8. Explanation of the Change:

Calculus I was removed from the BS Biology program curriculum, but it was not removed from the BSEd Biology curriculum. MATH 114 has been deemed a more sufficient and more appropriate level of math proficiency for the BSEd Biology curriculum.

Multiple courses count towards GE credit also (i.e. BIOL 151/151L; BIOL 153/153L; MATH 114).

For substantial modifications requiring Board approval, complete the items below. N/A
References to external sources should be documented with a footnote (including web addresses where applicable).

9. Date of approval from the Executive Director or designee.
10. Identify the program modification requested.
11. Provide justification for the desired modification.
12. Would the requested modification require a change to the catalog description and/or the program learning outcomes? If so, describe.
13. Indicate the number of students currently enrolled in the program.
14. Describe the real impact to students.
15. Describe the real impact to the university.
16. Describe any cost associated with the program modification.
17. Describe any risks and unintended consequences associated with the program modification.
18. Would this modification be effective for current and future students, or only students who enroll following the change?