



**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:	Geographic Information Science (GIS)
CIP CODE:	450702
UNIVERSITY DEPARTMENT:	History and Geography
BANNER DEPARTMENT CODE:	NHIG
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

4/15/2021

 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) |

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.
GEOG	372	Introduction to GIS	3	GEOG	372	Introduction to GIS	3
GEOG	473	GIS: Data Creation and Integration	3	GEOG	473	GIS: Data Creation and Integration	3
BIOL or GEOG	484/L	Remote Sensing and lab	4	BIOL or GEOG	484/L	Remote Sensing	3
Choose 1				Choose 1			
BADM	220	Business Statistics	3	BADM	220	Business Statistics	3
BIOL	281	Introduction to Statistics	3	BIOL	281	Introduction to Statistics	3
ECON	220	Business Statistics	3	ECON	220	Business Statistics	3
MATH	381	Introduction to Probability and Statistics	3	MATH	381	Introduction to Probability and Statistics	3
PSYC	371	Statistics in Psychological Research	3	PSYC	371	Statistics in Psychological Research	3
SOC	209	Statistical Reasoning for Social Science	3	SOC	209	Statistical Reasoning for Social Science	3
Total number of hours required for certificate			13	Total number of hours required for certificate			12

7. Explanation of the Change:

Remote Sensing is a variable credit course in the BOR system. We intend to teach this as a 3-credit course. This will also reduce the overall credits in the certificate to 12, which is in keeping with the BOR’s general guidelines for an academic certificate.