



**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).

<b>UNIVERSITY:</b>	NSU
<b>CURRENT PROGRAM TITLE:</b>	Geographic Information Science (GIS)
<b>CIP CODE:</b>	
<b>UNIVERSITY DEPARTMENT:</b>	Science and Mathematics
<b>BANNER DEPARTMENT CODE:</b>	NGISC
<b>UNIVERSITY DIVISION:</b>	College of Arts and Sciences
<b>BANNER DIVISION CODE:</b>	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.*

*Michael Weros*  
 \_\_\_\_\_  
 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>			
Prof.	Num.	Title	Cr. Hrs.	Prof.	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
<b>Choose 1</b>				<b>Choose 1</b>			
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			<b>13</b>	Total number of hours required for certificate			<b>12</b>

**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.