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.

_____   4/15/2021
Vice President of Academic Affairs or   Date
President of the University

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: 8/20/2021**

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*):

		Existing Curriculum					*Proposed Curriculum (highlight changes)*	
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
MIS	484	Database Management Systems	3		MIS	484	Database Management Systems	3
BIOL or GEOG	484/L	Remote Sensing and lab	4		BIOL or GEOG	484/L	Remote Sensing	3
Choose 1					**Choose 1**			
BIOL	436	Biogeography	3		BIOL	436	Biogeography	3
GEOG	436	Biogeography	3		GEOG	436	Biogeography	3
MIS	385	Data Mining	3		MIS	385	Data Mining	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 minor			19		Total number of hours required for minor			18

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 minor to 18, which is in keeping with the BOR's general guidelines for an academic minor.