

**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Substantive Program Modification Program

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Geographic Information Sciences (B.S.) [S.BS.GSI]
CIP CODE:	45.0702
UNIVERSITY DEPARTMENT:	Geography
UNIVERSITY DIVISION:	Natural Sciences

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.

Dennis D. Hedge

Vice President of Academic Affairs or
President of the University

5/8/18

Date

1. This modification addresses a change in:

Total credits required within the discipline
Total credits of elective course work
Program name
CIP Code

Total credits of supportive course work
Total credits required for program
Existing specialization
Other

Existing Curriculum

Proposed Curriculum (highlight changes)

SGR 5 – Mathematics	3	SGR 5 – Mathematics	3
SGR 6 – Natural Sciences			
GEOG 131-131L Physical Geography: Weather and Climate (Major Core)			
GEOG 132-132L Physical Geography: Natural Landscapes			

CEE 434-534 – Hydrology (3) CSC 105 - Introduction to Computers (COM) (3) CSC 150 - Computer Science I (COM) (3) CSC 205 - Advanced Computer Applications (COM) (3) CSC 474-574 - Computer Networks (3) GE 121 - Engineering Design Graphics I (1) GEOG 384-384L - Advanced Cartography & Lab (3) GEOG 485-485L - Quantitative Remote Sensing & Lab (3) MATH 115 - Precalculus * (COM) (5)		CEE 434-534 – Hydrology (3) CSC 105 - Introduction to Computers (COM) (3) CSC 150 - Computer Science I (COM) (3) CSC 205 - Advanced Computer Applications (COM) (3) CSC 474-574 - Computer Networks (3) GE 121 - Engineering Design Graphics I (1) GEOG 384-384L - Advanced Cartography & Lab (3) GEOG 485-485L - Quantitative Remote Sensing & Lab (3) INFO 101 - Introduction to Informatics (3) MATH 115 - Precalculus * (COM) (5) MATH 120 - Trigonometry (COM) (3)	
Summary of Credits Geographic Information Sciences (B.S.)			
System General Education Requirements <i>Additional required credits of coursework beyond Major and Support Courses</i>	30 21	System General Education Requirements <i>Additional required credits of coursework beyond Major and Support Courses</i>	30 21
A&S College Requirements <i>Additional required credits of coursework beyond SGRs, Major, and Support Courses</i>	13+ 5+	A&S College Requirements <i>Additional required credits of coursework beyond SGRs, Major, and Support Courses</i>	13+ 5+
		Department Requirements <i>Additional required credits of coursework beyond SGRs, Major, and Support Courses</i>	13+ 5+
Majors Requirements	41	Majors Requirements	41
Electives (<i>Taken as needed to complete any additional degree requirements</i>)	53	Electives (<i>Taken as needed to complete any additional degree requirements</i>)	53
Total number of hours required for major	41	Total number of hours required for major	41
Total number of hours required for degree	120	Total number of hours required for degree	120

7. Explanation of the Change:

The Department of Geography will move from the College of Arts & Sciences to the College of Natural