

SOUTH DAKOTA BOARD OF REGENTS

ACADEMIC AFFAIRS FORMS

Substantive Program Modification Form

UNIVERSITY:	NIVERSITY: SDSU					
CURRENT PROGRAM TITLE: Geospatial Science & Engineering (Ph.D.) – Rei						
	Sensing Geography Specialization					
CIP CODE:	03.0104					
UNIVERSITY DEPARTMENT:	Geography					
UNIVERSITY DIVISION:	Graduate School					
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. Hed	dge 4/27/2019					
Vice President of Acader	mic Affairs or Date					
President of the Un	iiversity					
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	President of the University			
1.	This modification addresses a change in:			
\boxtimes	Total credits required within the discipline		Total credits of sup	portive course work
\boxtimes	Total credits of elective course work		Total credits requir	red for program
\boxtimes	Program name	\boxtimes	Existing specializa	tion
	CIP Code		Other (explain belo	ow)
2.	Effective date of change: 2019-2020 Academ	ic Yea	r	
3.	Program Degree Level: Associate □ Bache	elor's l	☐ Master's ☐	Doctoral ⊠
4.	Category: Certificate □ Specialization ⊠	Mino	or □ Major □	
5.	If a name change is proposed, the change w	ill occı	ır:	
	\square On the effective date for all students			
	☑ On the effective date for students new to the existing program)	e prog	ram (enrolled studen	ts will graduate from

Proposed new name: Geospatial Science & Engineering (Ph.D.) – Remote Sensing Specialization

6. Primary Aspects of the Modification:

Existing Curriculum Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
						60 Credit Plan	
				GEOG	<mark>710</mark>	Evolution of Geographic Thought	<mark>3</mark>
GSE	740	Introduction to Geospatial Science and Engineering	3	GSE	740	Introduction to Geospatial Science and Engineering	3
GSE	790	Seminar in Geospatial Science and Engineering (1)	3	GSE	790	Seminar in Geospatial Science and Engineering (1)	3
GSE	898	Dissertation Coursework	36	GSE	898	Dissertation Coursework	36
		Specialization Coursework	6			Specialization Coursework	6
		Supporting Coursework	12-15			Supporting Electives (Students should consult their advisors to identify courses suitable for their area of interest)	9

Existing Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
						90 Credit Plan	
				GEOG	<mark>710</mark>	Evolution of Geographic Thought	<mark>3</mark>
				GSE	740	Introduction to Geospatial Science and	3
						Engineering	
				GSE	790	Seminar in Geospatial Science and	3
						Engineering (1)	
				GSE	898	Dissertation Coursework	36
						Specialization Coursework	6
						Supporting Electives (Students should	<mark>39</mark>
						consult their advisors to identify courses	
						suitable for their area of interest)	
Total	Total number of hours required for specialization		60	Total number of hours required for specialization		60	
Total number of hours required for degree		90			-	90	
		60	Total number of hours required for degree			60	
						90	90

7. Explanation of the Change:

This change is part of streamlining the "remote sensing" specializations. "Geography" will be removed from this specialization and the Geospatial Science & Engineering (Ph.D.) – Remote Sensing Engineering Specialization will be terminated. This way there is one "remote sensing" specialization that will be shared by Engineering and Geography. Also, GEOG 710 Evolution of Geographic Thought is added to the required courses. This course gives students a background to the history and philosophy of paradigms and areas of research in the discipline.