

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

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM TITLE:</b>	<b>Ecology and Environmental Science (B.S.) - Rangeland Ecology and Management Specialization</b>
<b>CIP CODE:</b>	<b>03.0104 – EES Major 01.1106 - Rangeland Ecology and Management Specialization</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Natural Resource Management</b>
<b>BANNER DEPARTMENT CODE:</b>	<b>SNAR</b>
<b>UNIVERSITY DIVISION:</b>	<b>Agriculture, Food &amp; Environmental Science</b>
<b>BANNER DIVISION CODE:</b>	<b>3F</b>

**University Approval**

*Existing Curriculum*

*Proposed Curriculum (Highlight Changes)*

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
SOC OR SOC	100	Intro to Sociology (3) (SGR #3)	3	SOC OR SOC	100	Intro to Sociology (3) (SGR #3)	3
SOC OR SOC	150	Social Problems (3) (SGR #3)		SOC OR SOC	150	Social Problems (3) (SGR #3)	
	240	The Sociology of Rural America (3) (SGR #3)			240	The Sociology of Rural America (3) (SGR #3)	
		Student Choice (SGR #4)	3			Student Choice (SGR #4)	3
		Student Choice (SGR #4)	3			Student Choice (SGR #4)	3
MATH	114	College Algebra (SGR #5) or higher	3	MATH	114	College Algebra (SGR #5) or higher	3
BIOL	151-151L	General Biology I & Lab (SGR #6)	4	BIOL	151-151L	General Biology I & Lab (SGR #6)	4
CHEM OR CHEM	106-106L	Chemistry Survey & Lab (4) (SGR #6)	4				
	112-112L	General Chemistry & Lab (4) SGR #6)					

*Existing Curriculum*

*Proposed Curriculum (Highlight Changes)*

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
NRM	119	Orientation to Natural Resource Management	2	NRM	119	Orientation to Natural Resource Management	2
NRM	230	Natural Resource Field Techniques	3	NRM	230	Natural Resource Field Techniques	2
NRM	276	Scientific Communications	1	NRM	276	Scientific Communications	1
NRM	282-282L	Natural Resource Management Statistics & Lab	3	NRM	282-282L	Natural Resource Management Statistics & Lab	3
NRM	300	Laws and Policies in Natural Resource Management	3	NRM	300	Laws and Policies in Natural Resource Management	3
NRM	311	Principles of Ecology	3	NRM	311	Principles of Ecology	3
PHYS OR PHYS	101-101L	Survey of Physics & Lab (4)	4	PHYS OR PHYS	101-101L	Survey of Physics & Lab (4)	4
	111-111L	Introduction to Physics & Lab (4)			111-111L	Introduction to Physics & Lab (4)	
PS	213-213L	Soils & Lab	3	PS	213-213L	Soils & Lab	3
RANG	205	Introduction to Range Management	3	RANG	205	Introduction to Range Management	3
RANG	210-210L	Range Plant Identification and Lab	2	RANG	210-210L	Range Plant Identification and Lab	2
RANG	215	Introduction to Integrated Ranch Management	3	RANG	215	Introduction to Integrated Ranch Management	3
RANG	321	Wildland Ecosystems	3	RANG	321	Wildland Ecosystems	3
RANG	374-374L	Habitat Conservation and Management and Lab	4	RANG	374-374L	Habitat Conservation and Management and Lab	4
RANG	400	Judging Teams	1	RANG	400	Judging Teams	1
RANG	421	Grassland Fire Ecology	3	RANG	421	Grassland Fire Ecology	3
RANG	425-425L	Rangeland Assessment and Monitoring and Lab	3	RANG	425-425L	Rangeland Assessment and Monitoring and Lab	3
RANG	491	Independent Study					
or							
RANG	494	Internship					
or							
RANG	496	Field Experience					
or							
RANG	498	Undergraduate					

*Existing Curriculum*

*Proposed Curriculum (Highlight Changes)*

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
		Total number of hours required for major	80-82			Total number of hours required for major	79-81
		Total number of hours required for degree	120			Total number of hours required for degree	120

**Academic Requirements:**



**7. Explanation of the Change:**

NRM 230 Natural Resource Management Techniques is being changed from 3 to 2 credits.