



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Natural Resource Law Enforcement (B.S.)
CIP CODE:	22.0207
UNIVERSITY DEPARTMENT:	Natural Resource Management
UNIVERSITY DIVISION:	Agriculture, Food & Environmental Science

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

4/27/2019

Vice President of Academic Affairs or
President of the University

Date

1. This modification addresses a change in:

- | | |
|----------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input 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: 2019-2020 Academic Year

3. Program Degree Level: Associate Bachelor's Master's Doctoral

4. Category: Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur:

- 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:

6. Primary Aspects of the Modification:

Existing Curriculum

Proposed Curriculum (Highlight Changes)

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs		
System General Requirements				32-34	System General Requirements				32-34
		SGR 1 Written Communication ENGL 101 Composition I (3) ENGL 201 Composition II (3)	6			SGR 1 Written Communication ENGL 101 Composition I (3) ENGL 201 Composition II (3)	6		
		SGR 2 Oral Communication SPCM 101 Fundamentals of Speech	3			SGR 2 Oral Communication SPCM 101 Fundamentals of Speech	3		
		SGR 3 Social Sciences/Diversity CJUS 201 Introduction to Criminal Justice (3) SOC 150 Social Problems (3)	6			SGR 3 Social Sciences/Diversity CJUS 201 Introduction to Criminal Justice (3) SOC 150 Social Problems (3)	6		
		SGR 4 Arts & Humanities/Diversity Select two of the following courses with different prefixes, except for SPAN: PHIL 100 Introduction to Philosophy (3)	6-8			SGR 4 Arts & Humanities/Diversity Select two of the following courses with different prefixes, except for SPAN: PHIL 100 Introduction to Philosophy (3)	6-8		

Existing Curriculum

Proposed Curriculum (Highlight Changes)

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
		PHIL 220 Introduction to Ethics (3) MCOM 151 Intro to Mass Communication (3) SPAN 101 Introductory Spanish I (4) SPAN 102 Introductory Spanish II (4)				PHIL 220 Introduction to Ethics (3) MCOM 151 Intro to Mass Communication (3) SPAN 101 Introductory Spanish I (4) SPAN 102 Introductory Spanish II (4)	
		SGR 5 Mathematics MATH 102 College Algebra	3			SGR 5 Mathematics MATH 114 College Algebra	3
		SGR 6 Natural Sciences BIOL 151-151L General Biology I & Lab (4) AND CHEM 106-106L Chemistry Survey & Lab (4)	8			SGR 6 Natural Sciences BIOL 151-151L General Biology I & Lab (4) AND CHEM 106-106L Chemistry Survey & Lab (4)	8
College Requirements			0	College Requirements			0
<p>Students seeking the Bachelor of Science degree must complete the System General Education Requirements. In some majors, the student must select a "specialization." Additional requirements for both Bachelor of Science degrees follow.</p> <ol style="list-style-type: none"> The requirements of one of the College's majors must be met. Specific requirements are listed under each program of study. 25 semester credits must be upper division (300 and above), with the exception that MATH 125 and 225, Calculus II and III, may be counted as five credits toward the total. <p>Bachelor of Science in Agriculture, Food and Environmental Sciences</p> <p>Students must complete a minimum of 11 credits from the approved list of Group 1 courses in Agriculture, Food and Environmental Science. Some departments require specific courses from the list, whereas others leave the selection entirely to the student and the advisor.</p> <ul style="list-style-type: none"> ABS 475-475L Integrated Natural Resource Management & Lab (3) (Supporting Coursework) NRM 110 Introduction to Natural Resource Management (3) (Major Requirement) NRM 282-282L Natural Resource Statistics & Lab (3) (Major Requirement) WL 220 Introduction to Wildlife and Management (3) (Major Requirement) 				<p>Students seeking the Bachelor of Science degree must complete the System General Education Requirements. In some majors, the student must select a "specialization." Additional requirements for both Bachelor of Science degrees follow.</p> <ol style="list-style-type: none"> The requirements of one of the College's majors must be met. Specific requirements are listed under each program of study. 25 semester credits must be upper division (300 and above), with the exception that MATH 125 and 225, Calculus II and III, may be counted as five credits toward the total. <p>Bachelor of Science in Agriculture, Food and Environmental Sciences</p> <p>Students must complete a minimum of 11 credits from the approved list of Group 1 courses in Agriculture, Food and Environmental Science. Some departments require specific courses from the list, whereas others leave the selection entirely to the student and the advisor.</p> <ul style="list-style-type: none"> ABS 475-475L Integrated Natural Resource Management & Lab (3) (Supporting Coursework) NRM 110 Introduction to Natural Resource Management (3) (Major Requirement) NRM 282-282L Natural Resource Statistics & Lab (3) (Major Requirement) NRM 311 Principles of Ecology (Major Requirement) WL 220 Introduction to Wildlife and Management (3) (Major Requirement) 			
Major Requirements			55	Major Requirements			52
<p><i>Botany Requirement-</i> Select <u>one</u> of the following: BOT 201-201L General Botany & Lab (3) BOT 405-405L Grasses & Grasslike Plants & Lab (3) BOT 415-415L Aquatic Plants & Lab (3) BOT 419-419L Plant Ecology & Lab (3)</p>			3	<p><i>Botany Requirement-</i> Select <u>one</u> of the following: BOT 201-201L General Botany & Lab (3) BOT 405-405L Grasses & Grasslike Plants & Lab (3) BOT 415-415L Aquatic Plants & Lab (3) BOT 419-419L Plant Ecology & Lab (3)</p>			3
NRM	110	Introduction to Natural Resource Management	3	NRM	110	Introduction to Natural Resource Management	3
NRM	119	Orientation to Natural Resource Management	2	NRM	119	Orientation to Natural Resource Management	2
NRM	230	Natural Resource Management Technique	3	NRM	230	Natural Resource Management Technique	3
NRM	282-282L	Natural Resource Statistics & Lab	3	NRM	282-282L	Natural Resource 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

Existing Curriculum

Proposed Curriculum (Highlight Changes)

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
RANG	374-374L	Natural Resource Habitat Conservation, Management, and Restoration	4	RAN G	374-374L	Natural Resource Habitat Conservation, Management, and Restoration	4
WL	220	Intro to Wildlife and Fisheries	3	WL	220	Intro to Wildlife and Fisheries	3
WL	294	Internship	3	WL	294	Internship	3
WL	355-355L	Mammalogy & Lab	3	WL	355-355L	Mammalogy & Lab	3
WL	363-363L	Ornithology & Lab	4	WL	363-363L	Ornithology & Lab	4
WL	367-367L	Ichthyology & Lab	3	WL	367-367L	Ichthyology & Lab	3
WL	411-411L	Principles of Wildlife Management & Lab	3	WL	411-411L	Principles of Wildlife Management & Lab	3
WL	412-412L	Principles of Fish Management & Lab	3	WL	412-412L	Principles of Fish Management & Lab	3
WL	420	Wildlife Law and Enforcement	3	WL	420	Wildlife Law and Enforcement	3
WL	430	Human Dimensions in Natural Resource Management	3	WL	430	Human Dimensions in Natural Resource Management	3
WL	434-434L	Herpetology & Lab	3	WL	434-434L	Herpetology & Lab	3
Supporting Coursework			24	Supporting Coursework			24
ABS	475-475L	Integrated Natural Resource Management & Lab	3	ABS	475-475L	Integrated Natural Resource Management & Lab	3
CJUS OR SOC	330	Civil Rights and Liberties (3)	3	CJUS OR SOC	330	Civil Rights and Liberties (3)	3
	325	Domestic and Intimate Violence (3)			325	Domestic and Intimate Violence (3)	
CJUS	334	Criminal Investigation	3	CJUS	334	Criminal Investigation	3
CJUS	412	Criminal Prosecution and Defense	3	CJUS	412	Criminal Prosecution and Defense	3
CJUS	431	Criminal Law	3	CJUS	431	Criminal Law	3
GEOG	372-372L	Introduction to GIS & Lab	3	GEOG	372-372L	Introduction to GIS & Lab	3
PS	213-213L	Soils & Lab	3	PS	213-213L	Soils & Lab	3
SOC	351	Criminology	3	SOC	351	Criminology	3
Electives			7-9	Electives			10-12
<p>Electives taken as needed to complete any additional degree requirements. Students may elect to complete one of the emphasis areas identified below.</p> <p>Regulation, Law and Policy Emphasis Select <u>three</u> of the following electives: AGECE 352 Agricultural Law (3) CJUS 203 Policing in a Free State (3) POLS 210 State and Local Government (3) POLS 430 Constitutional Law (3)</p> <p>Natural Resource Emphasis Select <u>three</u> of the following electives: EES 430-430L Biological Invasions & Lab (3) NRM 450-450L Freshwater Monitoring & Assessment & Lab (3) NRM 464 Ecosystem Ecology (3) NRM 466 Environmental Toxicology and Contaminants (3) NRM 482-482L Natural Resource Biometry (3) RANG 421 Grassland Fire Ecology (3) WL 415-415L Upland Game Ecology and Management & Lab (3) WL 417-417L Large Mammal Ecology & Management & Lab (3) WL 419-419L Waterfowl Ecology & Management & Lab (3) WL 427-427L Limnology and Lab (3) WL 431-431L Advanced Fisheries Management & Lab (3)</p>				<p>Electives taken as needed to complete any additional degree requirements. Students may elect to complete one of the emphasis areas identified below.</p> <p>Regulation, Law and Policy Emphasis Select <u>three</u> of the following electives: AGECE 352 Agricultural Law (3) CJUS 203 Policing in a Free State (3) POLS 210 State and Local Government (3) POLS 430 Constitutional Law (3)</p> <p>Natural Resource Emphasis Select <u>three</u> of the following electives: BIOL 373 Evolution (3) EES 430-430L Biological Invasions & Lab (3) NRM 450-450L Freshwater Monitoring & Assessment & Lab (3) NRM 464 Ecosystem Ecology (3) NRM 466 Environmental Toxicology and Contaminants (3) NRM 482-482L Natural Resource Biometry (3) RANG 421 Grassland Fire Ecology (3) WL 415-415L Upland Game Ecology and Management & Lab (3) WL 417-417L Large Mammal Ecology & Management & Lab (3) WL 419-419L Waterfowl Ecology & Management & Lab (3) WL 427-427L Limnology and Lab (3) WL 431-431L Advanced Fisheries Management & Lab (3)</p>			
Summary of Credits Natural Resource Law Enforcement (B.S.)							
System General Requirements			32-34	System General Requirements			32-34

*Existing Curriculum**Proposed Curriculum (Highlight Changes)*

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
		College Requirements	0			College Requirements	0
		Major Requirements	55			Major Requirements	52
		Supporting Coursework	24			Supporting Coursework	24
		Electives	7-9			Electives	10-12
		Total number of hours required for major	79			Total number of hours required for major	76
		Total number of hours required for degree	120			Total number of hours required for degree	120

7. Explanation of the Change:

NRM 110 Introduction to Natural Resource Management (3 cr.) was determined to overlap with other courses within NRM majors, and thus was eliminated as a requirement. BIOL 373 Evolution (3 cr.) was added as a choice in the Natural Resource Emphasis.