

SOUTH DAKOTA BOARD OF REGENTS ACADEMIC AFFAIRS FORMS

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Wildlife & Fisheries Sciences (B.S.)
CIP CODE:	03.0601
UNIVERSITY DEPARTMENT:	Natural Resource Management
UNIVERSITY DIVISION:	Agriculture, Food & Environmental 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	4/27/2019			
	Vice President of Academic	Affairs	or Date		
	President of the Unive	ersity			
1.	This modification addresses a chang	e in:			
\boxtimes	Total credits required within the di		\boxtimes Total credits of supportive course work		
\boxtimes	Total credits of elective course wor	rk	□ Total credits required for program		
	Program name		\Box Existing specialization		
	CIP Code		□ Other (explain below)		
2.	Effective date of change: 2019-2020	Academ			
3.	Program Degree Level: Associate		nelor's 🛛 Master's 🗆 Doctoral 🗆		
<i>4</i> .	Category: Certificate \Box Specializa		$Minor \square Major \boxtimes$		
 5.	If a name change is proposed, the cl		5		
0.	\Box On the effective date for all student	0			
			as program (appalled students will graduate from		
	existing program)		he program (enrolled students will graduate from		
	Proposed new name:				
6.	Primary Aspects of the Modification	n:			
0.	Existing Curriculum		Proposed Curriculum <mark>(Highlight Changes</mark>	·)	
Pref N	um Title	Cr Hrs		Cr Hr	
	ral Requirements	31-32		<mark>32</mark>	
	n Communication	6	SGR 1 Written Communication	6	
	NGL 101 Composition I (3)		ENGL 101 Composition I (3)		
	NGL 201 Composition II (3)		ENGL 201 Composition II (3)		
	GR 2 Oral Communication PCM 101 Fundamentals of Speech		SGR 2 Oral Communication		
	Sciences/Diversity	6	SPCM 101 Fundamentals of Speech SGR 3 Social Sciences/Diversity		
	c Humanities/Diversity	6	SGR 4 Arts & Humanities/Diversity		
SGR 5 Mathe	*	3	SGR 5 Mathematics		
	College Algebra	5	MATH 114 College Algebra	3	
SGR 6 Natura		7-8	SGR 6 Natural Sciences	8	
	1L Biology Survey I & Lab (3)		BIOL 101 101L Biology Survey I & Lab (3)		
OR			OR COR		

Existing Curriculum

Proposed Curriculum (*Highlight Changes*)

Pref Num Title Cr Hrs Pref Num Title Cr Hrs RD(1:151-13T): General Biology 1 & Lab (4) AND Pref Num Title Cr Hrs PHYS 101-101L: Survey of Physics (4) O Callage Requirements (Existing Curriculum				Curriculum <mark>(Highlight Changes</mark>	<u>)</u>	
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Management Management Management	NKM	110		3	<mark>NKM</mark>	110 110		<mark>-3</mark>	
			Management				<mark>Management</mark>		

Existing Curriculum

Proposed Curriculum (*Highlight Changes*)

		Existing Curriculum		Г	roposea C	Curriculum <mark>(Highlight Changes</mark>))		
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 Management Techniques	3	NRM	230	Natural Resource Management Techniques	3		
NRM	282-282L	Natural Resource Statistics & Lab	3	NRM	282-282L	Natural Resource Statistics & Lab	3		
NRM/	311	Principles of Ecology	3	NRM/	311	Principles of Ecology	3		
BIOL	011		U	BIOL	011		Ũ		
RANG	374-374L	Natural Resource Habitat	4	RANG	<mark>374-374L</mark>	Natural Resource Habitat	<mark>4</mark>		
		Conservation Mgmt & Restoration &				Conservation Mgmt & Restoration			
		Lab				& Lab			
WL	220	Introduction to Wildlife	3	WL	220	Introduction to Wildlife	3		
WL	411	Principles of Wildlife Management	3	WL	411	Principles of Wildlife Management	3		
WL	412	Principles of Fisheries Management	3	WL	412	Principles of Fisheries Management	3		
Botany F	Requirement-	Select <u>one</u> of the following:	1-3	Botany H	Requirement	- Select one of the following:	1-3		
		Systematics (3)				t Systematics (3)			
BOT 405	5-405L Grass	ses & Grasslike Plants & Lab (3)				ses & Grasslike Plants & Lab (3)			
		tic Plants & Lab (3)				atic Plants & Lab (3)			
		Ecology & Lab (3)				t Ecology & Lab (3)			
		nge Plant Identification & Lab (2)				nge Plant Identification & Lab (2)			
		Геатs S01 (1)				Teams S01 (1)	8-11		
	ee of the foll		8-11		Take three of the following:				
		nalogy & Lab (3)				nalogy & Lab (3)			
		ology & Lab (4)				nology & Lab (4)			
		ology & Lab (3)				ology & Lab (3)			
		gy of Aquatic Invertebrates (3)		WL 418-418L Ecology of Aquatic Invertebrates (3)					
		tology & Lab (3,0)				etology & Lab (3,0)			
	ee of the foll		8-10		ee of the foll		8-10		
	EES 425-425L Disturbance & Restoration Ecology & Lab				⁷³ Evolution				
(4)	1001 D: 1				-425L Distu	urbance & Restoration Ecology &			
		gical Invasions & Lab		Lab (4)	4201 D'.1.				
	0-450L Fres	hwater Monitoring & Assessment &				ogical Invasions & Lab			
Lab (3)	4 Econotom	Ecology (3)				shwater Monitoring & Assessment			
		oxicology and Contaminants & Lab		& Lab (3		$\mathbf{F}_{cology}(3)$			
(3)	0-400L LC0	oxicology and containmants & Lab		NRM 464 Ecosystem Ecology (3) NRM 466-466L Ecotoxicology and Contaminants &					
	2-4821 NRN	A Biometry (3)		Lab (3)					
		Ecosystems (3)		NRM 482-482L NRM Biometry (2)					
		d Game Ecology & Management (3)			RANG 321 Wildland Ecosystems (3)				
		Mammal Ecology & Management &		RANG 374-374L Habitat Conservation and					
Lab (3)					Management & Lab (3)				
	419L Water	fowl Ecology & Management & Lab				d Game Ecology & Management			
(3)				(3)	-				
		ire Ecology (3)				Mammal Ecology & Management			
	WL 429-429L Ecology of Fishes & Habitat & Lab (3)				& Lab (3)				
WL 431-	-431L Advar	nced Fisheries Management & Lab (3)			-419L Water	rfowl Ecology & Management &			
				Lab (3)	a · · -				
						Fire Ecology (3)			
						by of Fishes & Habitat & Lab (3)			
					-451L Advai	nced Fisheries Management & Lab			
U11100)immerian 1	Paquiramant Complete two classes	6	(3) Human	Dimanaiana	Paquinament Complete two	6		
		Requirement - Complete two classes,	0			Requirement - Complete two	0		
Required		lective, from the following courses:			g courses:	& <u>one elective</u> , from the			
		ensions in Natural Resource		Required					
Manager						nensions in Natural Resource			
Electives				Manager					
NRM 300 Laws & Public Policies in Natural Resource				Electives					
Management (3)				NRM 300 Laws & Public Policies in Natural Resource					
		w & Enforcement (3)		Manager		·····			
						w & Enforcement (3)			
				0	~		i		

Existing Curriculum	Proposed Curriculum (Highlight Changes)						
Pref Num Title	Cr Hrs	Pref Num Title	Cr Hrs				
Electives	7-19	Electives					
Summary of Credits for Wildlife and Fisheries Sciences (B.S.)							
System General Requirements	31-32	System General Requirements	<mark>32</mark>				
College Requirements	0	College Requirements	<mark>2</mark>				
Major Requirements	70-81	Major Requirements	<mark>63-74</mark>				
Electives	7-19	Electives	<mark>12-23</mark>				
Total number of hours required for major	70-81	Total number of hours required for major	70-81				
Total number of hours required for degree	120	Total number of hours required for degree	120				

7. Explanation of the Change:

BIOL 101 Biology Survey I (3 cr.) (SGR 6) was removed to align with recent decisions to standardize prerequisites for common courses. 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 Advanced Management Electives. In addition, RANG 374 Natural Resource Habitat Conservation Mgmt & Restoration & Lab was moved to a choice in the Advanced Management Electives to give students more flexibility in choosing upper level courses.