

SOUTH DAKOTA BOARD OF REGENTS

ACADEMIC AFFAIRS FORMS

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Ecology and Environmental Science (B.S.)
CIP CODE:	03.0104
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.

	р ; рил				4/07/0010				
	Dennis D. Hedge		<u> </u>	4/27/2019					
	Vice President of Academic Affairs	or			Date				
	President of the University								
1.	This modification addresses a change in:								
\boxtimes	Total credits required within the discipline		Tota	al credits of sup	portive course work				
\boxtimes	Total credits of elective course work		Tota	al credits requir	ed for program				
	Program name		Exis	sting specializat	ion				
	CIP Code		Oth	er (explain belo	w)				
2.	Effective date of change: 2019-2020 Academ	nic Yea	ır						
3.	Program Degree Level: Associate □ Bach	elor's	\times	Master's □	Doctoral \square				
4.	Category: Certificate □ Specialization □	Mino	or 🗆	Major ⊠					
5.	If a name change is proposed, the change w	ill occi	ır:						
	☐ On the effective date for all students								
	\square On the effective date for students new to the	ne prog	ram (e	enrolled studen	ts 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 Ed	ucation Requirement	s	32-34	System	General E	Education Requirements	32-34		
SGR 1 W	ritten Com	munication		6	SGR 1 V	Written Co	mmunication	6		
ENGL 10	01 Composi	ition I (3)			ENGL 1	01 Compo	osition I (3)			
ENGL 20	01 Composi	tion II (3)			ENGL 2	201 Compo	osition II (3)			
SGR 2 O	ral Commu	nication		3	SGR 2 Oral Communication					
SPCM 10)1 Fundame	entals of Speech			SPCM 1					
SGR 3 Sc	ocial Science	ces/Diversity		6	SGR 3 S	Social Scie	nces/Diversity	6		
SGR 4 A	SGR 4 Arts and Humanities/Diversity					SGR 4 Arts and Humanities/Diversity				
SGR 5 M	SGR 5 Mathematics					Mathematic	es	3-5		
MATH 102 College Algebra (3)					MATH					
OR	_	-			OR		_			
MATH 1	15 Precalcu	ılus (5)			MATH	115 Precal	culus (5)			

Proposed Curriculum (Highlight Changes) Existing Curriculum Title Num Title

		Existing Curriculum		1	Proposed	Curriculum <mark>(Highlight Changes</mark>	<mark>')</mark>			
Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs			
OR	·			OR						
	121-121L S	urvey of Calculus (5)		MATH 121-121L Survey of Calculus (5)						
OR				OR		7.40				
MATH 123 Calculus I (4)					123 Calcul					
SGR 6 Natural Sciences					Natural Sci		8			
AND	1-151L Gei	neral Biology I & Lab (4)		BIOL 151-151L General Biology I & Lab (4) AND						
	06 106L C	hemistry Survey & Lab (4)			106 1061 (Chemistry Survey & Lab (4)				
OR	.00-100L C	Hemistry Survey & Lab (4)		OR	100-100L (enemistry Survey & Lab (4)				
-	12-112L G	eneral Chemistry & Lab (4)			112-112L (General Chemistry & Lab (4)				
	Requireme		0		Requiren		0			
		Bachelor of Science degree must				he Bachelor of Science degree must				
		n General Education Requirements.				em General Education Requirements.				
		student must select a				e student must select a				
		ditional requirements for both				Additional requirements for both				
		degrees follow.				ce degrees follow.				
		ats of one of the College's majors				ents of one of the College's majors				
		pecific requirements are listed under				Specific requirements are listed under				
	n program o				ch program					
		dits must be upper division (300				redits must be upper division (300				
		h the exception that MATH 125				ith the exception that MATH 125				
		us II and III, may be counted as				ulus II and III, may be counted as				
		ard the total.				ward the total.				
		in Agriculture, Food and				ce in Agriculture, Food and				
	mental Sci			Environmental Sciences						
Students	must comp	lete a minimum of 11 credits from		Students must complete a minimum of 11 credits from						
		Group 1 courses in Agriculture,		the approved list of Group 1 courses in Agriculture,						
		ental Science. Some departments		Food and Environmental Science. Some departments						
		rses from the list, whereas others		require specific courses from the list, whereas others						
		entirely to the student and the		leave the selection entirely to the student and the						
advisor.				advisor.						
	S 475-475I	Integrated Natural Resource		ABS 475-475L Integrated Natural Resource						
		Lab (3) (Major Requirement)		Management & Lab (3) (Major Requirement)						
		uction to Environmental Science		EES 275 Introduction to Environmental Science						
	(Major Req			(3) (Major Requirement)						
		duction to Natural Resource		 NRM 110 Introduction to Natural Resource 						
		(Major Requirement)		Management (3) (Major Requirement)						
		Natural Resource Statistics & Lab		 NRM 282-282L Natural Resource Statistics & Lab 						
	(Major Req					quirement)				
(3) ((iviajoi recq	unement)				Soils and Lab (3)				
Moior D	Requiremen	40	78-81	- Control of the Cont	Requirem		75-78			
		its				ients	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT			
Major Co	475-475L	Integrated Natural Pagarina	53-56	Major ABS	475-475L	Integrated Natural Descures	38-40 3			
ABS	4/3-4/3L	, e	3	ADS	4/3-4/3L		3			
DIOI	152 1521	Management & Lab	2.4	DIOI	152 1521	Management & Lab	2.4			
BIOL	153-153L	General Biology II & Lab (4)	3-4	BIOL	153-153L	General Biology II & Lab (4)	3-4			
OR	201 2011	Canadal Datama I 9 I at (2)		OR	201 2017	Compand Determined 1 (1 (2)				
BOT	201-201L	General Botany I & Lab (3)		BOT	201-201L	General Botany I & Lab (3)				
	200 2001	Animal Disperie 0 L d (2)		OR	200 2001	Animal Discoult (0.1 d. (2)				
OR	200-200L		4 -	NRM	200-200L					
NRM			4-5	CHEM	108-108L	Organic and Biochemistry & Lab (5)	4-5			
NRM CHEM	108-108L	Organic and Biochemistry & Lab (5)		0 D			1			
NRM CHEM OR	108-108L			OR						
NRM CHEM OR CHEM	108-108L 114-114L	General Chemistry II & Lab (4)		CHEM						
NRM CHEM OR	108-108L	General Chemistry II & Lab (4) Introduction to Environmental	3		114-114L <mark>275</mark>	Introduction to Environmental	 <mark>3</mark>			
NRM CHEM OR CHEM EES	108-108L 114-114L 275	General Chemistry II & Lab (4) Introduction to Environmental Science	3	CHEM EES	275	Introduction to Environmental Science				
NRM CHEM OR CHEM	108-108L 114-114L	General Chemistry II & Lab (4) Introduction to Environmental		CHEM		Introduction to Environmental Science				

Existing Curriculum Proposed Curriculum (Highlight Changes)

	T	Existing Curriculum	T			Curriculum (Highlight Changes)	
Pref	Num	Title	Cr Hrs		Num	Title	Cr Hrs
				EES	<mark>491</mark>	Independent Study (1)	1
				<mark>OR</mark>			
				EES	<mark>494</mark>	Internship (1)	
				<mark>OR</mark>			
				EES	<mark>496</mark>	Field Experience (1)	
				OR	100		
~~~				EES	<mark>498</mark>	Undergraduate Research (1)	
GEOG	372-372L	Introduction to GIS & Lab	3	GEOG	372-372L	Introduction to GIS & Lab	3
NRM	110	Introduction to Natural Resource	3	NRM NRM	<del>110</del>	Introduction to Natural Resource	3
		Management				Management	
NRM	119	Orientation to Natural Resource	2	NRM	119	Orientation to Natural Resource	2
		Management				Management	
NRM	230	Natural Resource Field Techniques	2	NRM	230	Natural Resource Field Techniques	2
NRM	282-282L	Natural Resource Management	3	NRM	282-282L	Natural Resource Management	3
		Statistics & Lab				Statistics & Lab	
NRM	300	Laws and Policies in Natural	3	NRM	300	Laws and Policies in Natural	3
		Resource Management				Resource Management	
NRM	311	Principles of Ecology	3	NRM	311	Principles of Ecology	3
NRM	311L	Principles of Ecology Lab	1	NRM	311L	Principles of Ecology Lab	1
PHIL	383	Bioethics (4)	3-4	PHIL.	<mark>383</mark>	Bioethics (4)	<del>3-4</del>
OR				<del>OR</del>			
PHIL	454	Environmental Ethics (3)		PHIL	<mark>454</mark>	Environmental Ethics (3)	
PHYS	101-101L	Survey of Physics & Lab (4)	4	PHYS	101-101L	Survey of Physics & Lab (4)	4
OR				OR			
PHYS	111-111L	Introduction to Physics & Lab (4)		PHYS	111-111L	Introduction to Physics & Lab (4)	
PS	213-213L	Soils & Lab	3	PS	213-213L	Soils & Lab	3
PS	243	Principles of Geology	3	<del>PS</del>	<mark>243</mark>	Principles of Geology	<mark>3</mark>
RANG	374-374L	Natural Resource Habitat	4	RANG	<mark>374-374L</mark>	Natural Resource Habitat	4
		Conservation, Management and				Conservation, Management and	
		Restoration			<u> </u>	Restoration	
					ajor Requir		12-13
				<b>EES</b>	<mark>275</mark>	Introduction to Environmental	3
					1 - 1	Science	-
				NRM	464	Ecosystem Ecology	3
				PS	<mark>243</mark>	Principles of Geology	3
				PHIL/	<mark>383</mark>	Bioethics (4)	<mark>3-4</mark>
				BIOL			
				OR		- I (0)	
) / · · · · ·	1 . 151		2.7	PHIL	454	Environmental Ethics (3)	2.5
	echnical Ele		25		Technical E		25
	minimum of						
		f <u>25 credits</u> from the following courses	•			of 25 credits from the following courses	S.
	e requires ad	ditional prerequisites or Instructor		(*Cours	se requires a	of 25 credits from the following courses additional prerequisites or Instructor	S.
Consent	e requires ad .)	ditional prerequisites or Instructor	1	(*Cours Consen	se requires a	additional prerequisites or Instructor	1
BIOL	e requires ad	ditional prerequisites or Instructor  Genetics and Cellular Biology &	4	(*Cours	se requires a		4
	e requires ad .)	ditional prerequisites or Instructor	1	(*Cours Consen BIOL	se requires a t.) 202-202L	Genetics and Cellular Biology & Lab	4
BIOL	e requires ad .) 202-202L	Genetics and Cellular Biology & Lab	4	(*Cours Consent BIOL BIOL	se requires a t.) 202-202L 373	Genetics and Cellular Biology & Lab  Evolution	4
BIOL	e requires ad .) 202-202L 201-201L	Genetics and Cellular Biology & Lab  General Botany & Lab	3	(*Cours Consent BIOL BIOL BOT	se requires a t.) 202-202L 373 201-201L	Genetics and Cellular Biology & Lab  Evolution  General Botany & Lab	4 3 3
BIOL BOT BOT	e requires ad .) 202-202L 201-201L 301-301L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab	3 4	(*Cours Consent BIOL BIOL BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab	4 3 3 4
BIOL BOT BOT BOT	e requires ad .) 202-202L 201-201L 301-301L 327-327L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab	3 4 4	(*Course Consent BIOL BIOL BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L	Genetics and Cellular Biology & Lab  Evolution  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab	4 3 3 4 4
BOT BOT BOT BOT BOT	e requires ad .) 202-202L 201-201L 301-301L 327-327L 405-405L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab	3 4 4 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab	4 3 3 4 4 3
BOT BOT BOT BOT BOT	202-202L 202-202L 201-201L 301-301L 327-327L 405-405L 415-415L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab	3 4 4 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab	4 3 3 4 4 3 3
BOT BOT BOT BOT BOT BOT	201-201L 301-301L 327-327L 405-405L 419-419L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab	3 4 4 3 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L 419-419L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab	4 3 3 4 4 4 3 3 3
BOT BOT BOT BOT BOT	202-202L 202-202L 201-201L 301-301L 327-327L 405-405L 415-415L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater	3 4 4 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L 419-419L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab	4 3 3 4 4 3 3
BIOL  BOT  BOT  BOT  BOT  BOT  CEE	201-201L 301-301L 327-327L 405-405L 419-419L 323-323L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *	3 4 4 3 3 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT CEE	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L 419-419L 323-323L	Genetics and Cellular Biology & Lab  Evolution  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *	4 3 3 4 4 4 3 3 3 3
BOT BOT BOT BOT BOT BOT	201-201L 301-301L 327-327L 405-405L 419-419L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *  Environmental Engineering	3 4 4 3 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT BOT BOT BOT	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L 419-419L	Genetics and Cellular Biology & Lab  Evolution General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *  Environmental Engineering	4 3 3 4 4 3 3 3
BIOL  BOT  BOT  BOT  BOT  BOT  CEE	201-201L 301-301L 327-327L 405-405L 419-419L 323-323L	Genetics and Cellular Biology & Lab  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *	3 4 4 3 3 3 3	(*Course Consent BIOL BIOL BOT BOT BOT BOT BOT CEE	se requires a t.) 202-202L 373 201-201L 301-301L 327-327L 405-405L 415-415L 419-419L 323-323L	Genetics and Cellular Biology & Lab  Evolution  General Botany & Lab  Plant Systematics & Lab  Plant Physiology & Lab  Grasses and Grasslike Plants & Lab  Aquatic Plants & Lab  Plant Ecology & Lab  Water Supply and Wastewater Engineering & Lab *	4 3 3 4 4 4 3 3 3 3

Existing Curriculum (Highlight Changes)

		Existing Curriculum			Proposea	Curriculum (Highlight Changes)	<u>)</u>
Pref	Num	Title	Cr Hrs		Num	Title	Cr Hrs
CHEM	326-326L	Organic Chemistry I	4	CHEM	326-326L	Organic Chemistry I	4
CHEM	328-328L	Organic Chemistry II *	4	CHEM	328-328L	Organic Chemistry II *	4
CHEM	332-332L	Analytical Chemistry & Lab	3,1	CHEM	332-332L	Analytical Chemistry & Lab	3,1
CHEM	464	Biochemistry I *	3	CHEM	464	Biochemistry I *	3
CHEM	482	Environmental Chemistry *	3-4	CHEM	482	Environmental Chemistry *	3-4
EES	430-430L	Biological Invasions & Lab	3	EES	430-430L	Biological Invasions & Lab	3
EES	491	Independent Study	1-3	EES	491	Independent Study	1-3
EES	494	Internship	1-3	EES	494	Internship	1-3
EES	496	Field Experience		EES	496	Field Experience	
EES	498	Undergraduate Res	1-3	EES	498	Undergraduate Res	1-3
GEOG	473-473L	Data Creation & Integration & Lab	3	GEOG	473-473L		3
GEOG	474-474L	Vector Raster Modeling & Lab	3	GEOG		Vector Raster Modeling & Lab	3
GEOG	475-475L	GIS Applications & Lab	3	GEOG	475-475L		3
GEOG	484-484L	Remote Sensing & Lab	3	GEOG	484-484L	Remote Sensing & Lab	3
HLTH	443	Public Health Science	3	HLTH	443	Public Health Science	3
HLTH	445	Epidemiology	3	HLTH	445	Epidemiology	3
LA	331	Landscape Site Engineering	3	LA	331	Landscape Site Engineering	3
LA	341-341L	Planning Public Grounds & Lab *	3	LA	341-341L		3
LA	352	Planting Design and Specs*	4	LA	352	Planting Design and Specs*	4
MICR	231-231L	General Microbiology & Lab	4	MICR		General Microbiology & Lab	4
MICR	310-310L	Environmental Microbiology & Lab*	4	MICR	310-310L	Environmental Microbiology & Lab*	4
MICR	421-421L	Soil Microbiology & Lab	3	MICR	421-421L	Soil Microbiology & Lab	3
NRM	200-200L	Animal Diversity & Lab	3	NRM	200-200L		3
NRM	450-450L	Freshwater Monitoring and	3	NRM	450-450L		3
TVICIVI	430 430L	Assessment & Lab	3	TVICIVI	130 130L	Assessment & Lab	
NRM	464	Ecosystem Ecology	3	NRM	<del>464</del>	Ecosystem Ecology	3
NRM	466	Environmental Toxicology and	3	NRM	466	Environmental Toxicology and	3 3
INIXIVI	400	Contaminants	3	TVIXIVI	700	Contaminants	
NRM	482-482L	Natural Resource Management	3	NRM	482-482L	Natural Resource Management	3
INKIVI	402-402L		3	INIXIVI	402-402L		3
DD A C	252 2521	Biometry & Lab	2	DDAC	252 2521	Biometry & Lab	3
PRAG	353-353L	Physical Climate Meteorology & Lab	3	PRAG	353-353L	Physical Climate Meteorology & Lab	3
PS	362-362L	Environmental Soil Management &	3	PS	362-362L	Environmental Soil Management &	3
		Lab				Lab	
PS	412	Environmental Soil Chemistry	3	PS	412	Environmental Soil Chemistry	3
RANG	425-425L	Rangeland Assessment and	3	RANG	425-425L	Rangeland Assessment and	3
		Monitoring & Lab				Monitoring & Lab	
				RANG	374-374L		3
						Management & Lab	
STAT	381	Introduction Probability and	3	STAT	381	Introduction Probability and	3
		Statistics*				Statistics*	
STAT	414	Basic R Programming *	1	STAT	414	Basic R Programming *	1
STAT	441	Statistical Methods II *	3	STAT	441	Statistical Methods II *	3
STAT	445	Nonparametric Statistics *	3	STAT	445	Nonparametric Statistics *	3
WL	302	Animal Behavior	3	WL	302	Animal Behavior	3
WL	355-355L	Mammalogy & Lab	3	WL		Mammalogy & Lab	3
WL	363-363L	Ornithology & Lab	4	WL		Ornithology & Lab	4
WL	367-367L	Ichthyology & Lab	3	WL		Ichthyology & Lab	3
WL	417-417L	Large Mammal Ecology & Lab*	3	WL		Large Mammal Ecology & Lab*	3
WL	418-418L	Ecology of Aquatic Invertebrates	3	WL		Ecology of Aquatic Invertebrates	3
WL	419-419L	Waterfowl Ecology & Management	3	WL		Waterfowl Ecology & Management	3
		& Lab				& Lab	
WL	427-427L	Limnology & Lab	3	WL	427-427L	Limnology & Lab	3
WL	434-434L	Herpetology & Lab	3	WL	<del></del>	Herpetology & Lab	3

Pref	Num	Title		Cr Hrs	Pref	Num	Title	Cr Hrs		
Electives				5-10	<b>Elective</b>	<mark>s</mark>		<b>8-13</b>		
		Sumi	mary of Credits Eco	logy and	d Enviro	nmental S	cience (B.S.)			
System General Education Requirements				32-34	System	General E	ducation Requirements	32-34		
College Requirements				0	College	College Requirements				
Major Ro	Major Requirements				Major I	<b>Requireme</b>	<mark>nts</mark>	<b>75-78</b>		
Major	Major Core (53-56)				Major					
					EES I	Major Reg	uirements (12-13)			
Major Technical Electives (25)					EES I	Major Tec	hnical Electives (25)			
<b>Electives</b>				5-10	<b>Elective</b>	<mark>S</mark>		<b>8-13</b>		
To	otal numb	er of hours red	quired for major	78-81	T	otal num	ber of hours required for major	<mark>74-77</mark>		
Tot	tal numbe	er of hours req	uired for degree	120	To	tal numb	er of hours required for degree	120		

### 7. Explanation of the Change:

Changes are proposed for the Ecology and Environmental Science major to include a new specialization in Rangeland Ecology and Management. These changes include removal of NRM 110 Introducation to Natural Resource Management (3 cr.) and RANG 374/L Natural Resource Habitat Conservation, Management and Restoration & Lab (4 cr.) as major core courses, a decrease in major requirement credits, and realignment of EES 275, PS 243 and PHIL 383/PHIL 454 as Major Requirements separate from the major core. The newly proposed specialization in Rangeland Ecology and Management would include the same core courses but a different set of Major Requirements consistent with accreditation requirements.