Name:	ID#:		Date	e:	Graduating Semester:
Fotal semester	credits must equal a minimum of 120 cred	lits: Total	upper divis	ion mus	t equal a minimum of 42 credits
	NTAL REQUIREMENTS & THEIR PREREQUIS	•			•
	FOR BACCALAUREATE ARE DUE ONE YEAR				
DEPARTMENTA	L REQUIREMENTS				Total Credits: 83-84
Subject/#	Course Title	Credits	Semester	Year	Sub/TR/Comments
NSC 110	Land Resources & Environmental Sci	3	F		
BIOB 170IN	Prin Biological Diversity	4	FS		
3IOB 160	Prin of Living Systems	4	FS		
CHMY 141	College Chemistry I	4	F S Su		
CHMY 143	College Chemistry II	4	F S Su		
CNS 101IS	Econ Way of Thinking	3	FS		
WRIT 101W	College Writing I	3	F S Su		
NRIT 101W is wa	ived with an ACT English Score of 28 or higher,	, an SAT C	ritical Writin	g score of	f 650 or higher,
an MUS Writing	Assessment of 5.5, or an ACT/SAT essay/writing	ng subsco	re of 11.		
ake one of the fo	ollowing:				
M 161Q	Survey of Calculus	4	F S Su		
M 165Q	Calculus for Technology I	3	FS		
M 171Q	Calculus I	4	F S Su		
Students who antic	ipate graduate study or technical employment are st	trongly adv	ised to comple	te a two-s	emester calculus sequence. M 165 - 166 or M 171-172
NSC 245IN	Soils	3	F		
PHSX 205	College Physics I	4	F S Su		
ake one of the fo	ollowing:				
BIOB 318	Biometry	3	F		
STAT 216Q	Intro to Statistics	3	F S Su		
ake one of the fo	ollowing:				
NRSM 240	Natural Resource Ecology	3	F		
BIOE 370	General Ecology	3	S		
WRIT 201	College Writing II	3	FS		
CHMY 211	Elements Organic Chem	5	FS		
360 SIOM	General Microbiology	5	FS		
3CH 380	Biochemistry	5	F S Su		
BIOB 375	General Genetics	3	FS		
NSC 353	Environmental Biogeochemistry	3	F		
BIOB 420	Evolution	3	S		
BIOM 415	Microb Diversity, Ecology, & Evolution	3	S'ev		
BIOM 452	Soil & Environ Microbiology	3	S'od		
NSC 465	Environmental Biophysics	3	S		
NSC 468	Ecosystem Biogeochemistry/Global Change	3	S		
NSC 499R	LRES Capstone	3	F		

MONTANA STATE UNIVERSITY - COLLEGE OF AGRICULTURE Department of Land Resources & Environmental Sciences

	•				and professional goals. Before their Senior year, and before
					ent justifying the courses selected for approval by the dept.
Dept/#	Subject	Cr	Semester	Year	Sub/Transfer/Comments
Environmental M	licrobiology:				
BIOM 410	Microbial Genetics	3	S		
BIOM 423	Mycology	3	F'ev		
BIOM 430	Appld & Environ Micro	4	S		
BIOM 450	Microbial Physiology	3	F		
BIOM 455	Res Methods Microbiology	4	S		
Enivronmental N	lacrobiology				
BIOE 405	Behav & Evolution Ecol	3	S		
BIOO 412	Animal Physiology	3	F		
BIOO 415	Icthyology	3	S		
BIOO 433	Plant Physiology	3	S		
BIOO 470	Ornithology	3	S		
BIOO 475	Mammalogy	3	F		
Natural Ecosyste	ms				
ENSC 444	Watershed Hydrology	3	F		
ENSC 445	Watershed Analysis	3	S		
BIOE 408	Rocky Mtn Vegetation	2	F		
BIOE 428	Freshwater Ecology	3	F		
Applied Ecology			<u> </u>		
AGSC 401	Integrated Pest Mgmt	3	Ī <sub>F</sub>		
GPHY 426	Remote Sensing Digital Image	3	F		
ENSC 407	Environmental Risk Assessment	3	F'od		
ENSC 443	Weed Ecology & Mgmt	3	F		
ENSC 448	Stream Restoration Ecology	3	F		
ENSC 461	Restoration Ecology	3	F		
NRSM 453	Habitat Inventory&Analys	3	F		
WILD 301	Prin Fish & Wildlife Mgmt	3	S		
WILD 301 WILD 438	Wildlife Habitat Ecology	3	S		
Policy & Planning			J .		1
NRSM 421	Holistic Thought & Mgmt	4	s	l	1
NRSM 430	Natural Resource Law	3	S		
	Econ of Natural Res	3	5 F		
ECNS 332	SC 498 Internship, ENSC 492 Independent Stud		ļ'	ad Bassas	tele is strongly recommended
LINES IVIAJOIS. LIV	3C 438 internship, EN3C 432 independent 3tud	y or ENGC	490 Olldergi	au Neseai	=1
-	ments (Must be a grade C- or better)		Completion of UH 202 satisfies the IH		
Seminar (US)			requirement.		
College Writing (	w)				
Quantitative Rea	soning (Q)		Completion of at least two of the following		
Diversity (D)					courses satisfies both the CS and the IN
Contemporary Is	sues in Science (CS)		requirements:		
Arts (IA or RA)					BIOB 110, 160, 170, 256, 258, 260;
Humanities (IH or RH)					BIOH 201 211; BIOM 210, 250; BIOO 220;
Social Sciences (IS or RS)					CHMY 121, 123, 141, 143, 151, 153, 211;
Natural Science (IN or RN)					ERTH 101; ENSC 245; GEO 103, 205, 211;
Research & Creative Experience (R, RA, RH, RN or RS)					NRSM 240;
	<u>-</u>				PHSX 205, 207, 220, 222, 224, 240, 242;
Student Signatur	e Date		-		Total Credits: Upper Division:
Advisor Signature	e Date		4/3/13		Dept. Certifying Officer Signature Date
avisor signatur	Date	Dept. Certifying Officer Digitature Date			

ADVANCED ELECTIVE COURSES - CREDITS REQUIRED: 15