

MONTANA STATE UNIVERSITY - COLLEGE OF AGRICULTURE

Department of Land Resources & Environmental Sciences

Degree Requirements for a B.S. in Sustainable Foods and Bioenergy Systems/Agroecology Option

2012-2014 Catalog Curriculum: SFLR/AGRO

Student: ID#: Date: Graduating Semester:

Total semester credits must equal a minimum of 120 credits; Total upper division must equal a minimum of 42 credits

ALL DEPARTMENTAL REQUIREMENTS & THEIR PREREQUISITES MUST BE A GRADE OF C- OR BETTER

APPLICATIONS FOR BACCALAUREATE ARE DUE ONE YEAR BEFORE GRADUATION!

DEPARTMENTAL REQUIREMENTS

Subject/#	Course Title	Cr	Sem	Year	Sub/Transfer/Comments
ENSC 110	Land Res & Environ Sci	3	F		
SFBS 146	Intro SFBS Seminar	3	S		
BIOB 170IN	Prin Biological Diversity	4	F S		
BIOB 160	Prin Living Systems	4	F S		
CHMY 141	College Chemistry I	4	F S Su		
CHMY 143	College Chemistry II	4	F S Su		
ECNS 101IS	Economic Way of Thinking	3	F S		
Take one of the following:					
BCH 104RN	Biochem Health Non-Sci	4	S		
CHMY 123	Organic & Biochemical Prin	4	F S Su		
CHMY 211	Elements Organic Chemistry	5	FS		
Take one of the following:					
M 121Q	College Algebra	3	F S Su		
M 145Q	Math for Liberal Arts	3	F S Su		
BIOB 110	Intro to Plant Biology	3	S		
ECHM 205CS	Energy & Sustainability	3	F S		
NUTR 221CS	Human Nutrition	3	F S Su		
ENSC 245IN	Soils	3	F		
Take one of the following:					
SFBS 296	Practicum: Towne's Harvet Garden	3	F		
SFBS 298	Internship	3	F S Su		
Take one of the following:					
BIOB 318	Biometry	3	F		
STAT 216Q	Intro to Statistics	3	F S Su		
Take one of the following:					
NASX 232D	Mont Indians: Culture, Hist, Current Issues	3	S		
PSCI 230D	Intro International Relations	3	F		
Take two of the following:					
AGBE 210IS	Econ Ag Business	3	S		
ANSC 222	Livestock in Sustainable Syst	3	S		
BIOM 360	General Microbiology	5	F S		
BIOO 262IN	Intro to Entomology	3	F		
ECNS 204IS	Microeconomics	3	F S Su		
ERTH 101	Earth System Science	4	F S		
BIOB 375	General Genetics	3	S'ev		
NUTR 351	Nutrition & Society	3	S		
ENSC 353	Environmental Biogeochemistry	3	F		
AGSC 341	Field Crop Production	3	S		
AGSC 428	Cropping Systems Sustainable Ag	3	S		

Subject/#	Course Title	Cr	Semester	Year	Sub/Transfer/Comments
Take two of the following:					
AGBE 315	Ag in a Global Context	3	S'ev		
ENSC 468	Biogeochemistry	4	S		
HORT 337	Vegetable Production	3	F'od		
HORT 345	Organic Market Gardening	3	Su		
NRSM 421	Holistic Thought & Mgmt	4	S		
Take one of the following:					
SFBS 429	Small Bus/Entrepreneurship Food Health	3	S		
BGMT 469	Community & Social Entrepreneurship	3	S		
Take one of the following:					
SFBS 445R	Culinary Marketing: Farm to Table	3	Su		
SBFS 451	Sustainable Food Systems	3	S'ev		
ENSC 443	Weed Ecology & Mgmt	3	F		
SFBS 498	Internship	3	on		
BIOM 421	Concepts Plant Pathology	3	S		
Take two of the following:					
NASX 415	Native Food Systems	3	F'ev		
PSCI 436	Politics of Food & Hunger	3	S		
BIOO 433	Plant Physiology	3	S		
BIOM 452	Soil & Environ Microbiol	3	S'od		
AGSC 401	Integrated Pest Management	3	F		
PSCI 406	Political Economy of Energy	3	F'od		
SFBS 499	Capstone	3	S		

Core 2.0 Requirements (Must be a grade C- or better)	
University Seminar (US)	
College Writing (W)	
Quantitative Reasoning (Q)	
Diversity (D)	
Contemp Issues in Science (CS)	
Arts (IA, RA)	
Humanities (IH, RH)	
Natural Sciences (IN, RN)	
Social Sciences (IS or RS)	
Research (R, RA, RH, RN, RS)	

Total Credits: _____ **Upper Division:** _____

Student Signature **Date**

Advisor Signature **Date**

Dept. Certifying Officer Signature **Date**

Completion of UH 202 satisfies the IH requirement.

Completion of at least two of the following courses satisfies both the CS and the IN requirements:

- BIOB 110, 160, 170, 256, 258, 260;
- BIOH 201 211; BIOM 210, 250; BIOO 220;
- CHMY 121, 123, 141, 143, 151, 153, 211;
- ERTH 101; ENSC 245; GEO 103, 205, 211;
- NRSM 240;
- PHSX 205, 207, 220, 222, 224, 240, 242;