

Sustainable Livestock Production Option

Animal and Range Sciences

Freshman Year	Credits
ANSC 100 - Introduction to Animal Science	3
NRSM 101 - Natural Resource Conservation	3
NRSM 102 - Montana Range Plants	1
SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems	3
BIOB 160 - Principles of Living Systems	4
CHMY 121IN - Introduction to General Chemistry	4
ENSC 110 - Lnd Res Environ Sciences	3
BIOB 110CS - Introduction to Plant Biology	3
WRIT 101W - College Writing I	3
COMX 111US - Introduction to Public Speaking (formerly COM 110US)	3
or AGED 140US - Leadership Dev For Agriculture	
Year Total:	30
Sophomore Year	Credits
ANSC 222 - Livestock in Sustain Systems	3
CHMY 123 - Introduction of Organic Chemistry and Biochemistry	4
NUTR 221CS - Basic Human Nutrition	3
ENSC 245IN - Soils	3
ANSC 265 - Anatomy and Physiology of Domestic Animals - Lecture	3
ANSC 266 - Anatomy and Physiology of Domestic Animals - Lab	1
Choose one of the following:	1-2
ANSC 205 - Intro to Meat Evaluation	
ANSC 232 - Livestock Management - Sheep I	
ANSC 234 - Livestock Management - Beef I	
NRSM 235 - Range and Pasture Monitoring	
BMGT 205 - Prof Business Communication or WRIT 221 - Intermediate Tech Writing	3
ECNS 101IS - Economic Way of Thinking	3
STAT 216Q - Introduction to Statistics	3
Year Total:	30
Junior Year	Credits
AGBE 210IS - Economics of Ag Business	3
ANSC 316 - Meat Science	4
ECHM 205CS - Energy and Sustainability	3
Choose two of the following:	6-8
ANSC 320 - Animal Nutrition	
ANSC 321 - Physiology of Animal Reproduction	
ANSC 322 - Principles of Animal Breeding and Genetics	
ANSC 337 - Disease of Domestic Livestock	
ECNS 202 - Principles of Macroeconomics or ECNS 204IS - Microeconomics	3
Choose one of the following:	3
AGBE 321 - Economics of Ag Marketing	
AGBE 337 - Agricultural Law	
AGBE 345 - Ag Finance and Credit Analysis	

AGBE 353 - Co-operative Business Principles and Practice	
BGEN 361 - Principles of Business Law	
BMGT 335 - Management and Organization	
BMKT 325 - Principles of Marketing	
Choose one of the following:	3
AGSC 341 - Field Crop Prod	
AGSC 342 - Forages	
AGSC 428 - Sustainable Cropping Systems	
NRSM 353 - Grazing Ecology and Management	
Choose one of the following:	3
BGEN 242D - Intro to Int'l Business	
NASX 232D - MT Indians: Cultures, Histories, Current Issues	
PSCI 230D - Introduction to International Relations	
University Core (IA or IH)	3
Year Total:	31
Senior Year	Credits
ANSC 416R - Meat Processing	3
ANSC 498 - Internship	3
ANSC 432R - Sheep Management or ANSC 434R - Beef Cattle Management	3-4
NUTR 351 - Nutrition and Society	3
SFBS 445R - Culinary Marketing: Farm/Table or SFBS 451R - Sustainable Food Systems	3
SFBS 499 - Senior Thesis/Capstone	3
Choose one of the following:	2-3
AGSC 401 - Integrated Pest Management	
ANSC 410 - Veterinary Entomology and Parasitology	
BIOE 375 - Ecological Responses to Climate Change	
ENSC 353 - Environmental Biogeochemistry	
ENSC 443 - Weed Ecology and Management	
Choose one of the following:	3-4
NASX 415 - Native Food Systems	
NRSM 421 - Holistic Thought/Mgmt	
PSCI 436 - Politics of Food & Hunger	
PSCI 406 - The Political Economy of Energy	
SFBS 429 - Small Business and Entrepreneurship in Food and Health	
University Core and Electives (IA or IH)	4
Year Total:	29-30
Total Program Credits:	120-121

Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.