Sustainable Livestock Production Option

Animal and Range Sciences

**Freshman Year**  
Credits

- ANSC 100 - Introduction to Animal Science  
- NRSM 101 - Natural Resource Conservation  
- NRSM 102 - Montana Range Plants  
- SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems  
- BIOC 160 - Principles of Living Systems  
- CHMY 121N - Introduction to General Chemistry  
- ENSC 110 - Lnd Res Environ Sciences  
- BIOC 110CS - Introduction to Plant Biology  
- WRIT 101W - College Writing I  
- COMX 111US - Introduction to Public Speaking (formerly COM 110US)  
- or AGED 140US - Leadership Dev For Agriculture

Year Total: 30

**Sophomore Year**  
Credits

- ANSC 222 - Livestock in Sustain Systems  
- CHMY 123 - Introduction of Organic Chemistry and Biochemistry  
- NUTR 221CS - Basic Human Nutrition  
- ENSC 245IN - Soils  
- ANSC 265 - Anatomy and Physiology of Domestic Animals - Lecture  
- ANSC 266 - Anatomy and Physiology of Domestic Animals - Lab  
- Choose one of the following:  
  - 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  
- ECNS 101IS - Economic Way of Thinking  
- STAT 216Q - Introduction to Statistics

Year Total: 30

**Junior Year**  
Credits

- AGBE 210IS - Economics of Ag Business  
- ANSC 316 - Meat Science  
- ECHM 205CS - Energy and Sustainability  
- Choose two of the following:  
  - 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

Year Total: 30

**Senior Year**  
Credits

- 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:  
- AGSC 341 - Field Crop Prod  
- AGSC 342 - Forages  
- AGSC 428 - Sustainable Cropping Systems  
- NRSM 353 - Grazing Ecology and Management

Choose one of the following:  
- BGEN 424D - Intro to Int'l Business  
- NASX 232D - MT Indians: Cultures, Histories, Current Issues  
- PSCI 230D - Introduction to International Relations

University Core (IA or IH)  
Year Total: 31

**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.