

Livestock Management & Industry Option

Freshman Year	Credits	
	Fall	Spring
NRSM 101 - Natural Resource Conservation	3	
NRSM 102 - Montana Range Plants	1	
CHMY 121IN - Introduction to General Chemistry	4	
& CHMY 122IN - Introduction to General Chemistry Lab		
AGED 140US - Leadership Development for Agriculture	3	
or COMX 111US - Introduction to Public Speaking		
Electives	3	
ANSC 100 - Introduction to Animal Science		3
ANSC 106 - Careers in Animal Agriculture		1
CHMY 123 - Introduction to Organic Chemistry and Biochemistry		4
& CHMY 124 - Introduction to Organic and Biochemistry Lab		
BIOB 160 - Principles of Living Systems		4
ECNS 101IS - Economic Way of Thinking		3
Year Total:	14	15
Sophomore Year	Credits	
	Fall	Spring
ANSC 202 - Livestock Feeding & Nutrition	3	
NRSM 240 - Natural Resource Ecology	3	
STAT 216Q - Introduction to Statistics	3	
Econ & Business Elective	3	
Livestock and Range Practicum Electives	2-4	
ANSC 222 - Livestock in Sustain Systems		3
ANSC 265 - Anatomy and Physiology of Domestic Animals - Lecture		3
ANSC 266 - Anatomy and Physiology of Domestic Animals - Lab		1
BMGT 205 - Prof Business Communication		3
or WRIT 221 - Intermediate Tech Writing		
University Core and Electives		5
Year Total:	14	15
Junior Year	Credits	
	Fall	Spring
ANSC 320 - Animal Nutrition	3	
ANSC 321 - Physiology of Animal Reproduction	4	
Econ & Business Elective	3	
University Core and Electives	6	
AGBE 210IS - Economics of Ag Business		3
ANSC 316 - Meat Science		4
ANSC 322 - Principles of Animal Breeding and Genetics		3
ANSC 337 - Disease of Domestic Livestock		3
ANSC 498 - Internship		3
or ANSC 490R - Undergraduate Research		
Year Total:	16	16

Senior Year	Credits	
	Fall	Spring
Econ & Business Elective	3	
Mgmt & Industry Elective	6	
University Core and Electives	6	
Livestock Management Elective		6
Mgmt & Industry Elective		6
University Core and Electives		3
Year Total:	15	15
Total Program Credits:		120

Livestock and Range Practicum Electives

Take 2 courses

ANSC 205	Intro to Meat Evaluation	2
ANSC 215	Calving Management	2
ANSC 232	Livestock Management - Sheep I	1
ANSC 234	Livestock Management - Beef I	1
ANSC 308	Livestock Evaluation	2
EQU 233	Horse Science and Mgr Lab	2
NRSM 235	Range and Pasture Monitoring	1

Livestock Management Electives

Take 2 courses

ANSC 416R	Meat Processing	3
ANSC 432R	Sheep Management	3
ANSC 434R	Beef Cattle Management	4
EQU 430	Horse Management	4

Econ & Business Electives

Select 9 credits

ACTG 201	Principles of Financial Accounting	3
ACTG 202	Principles of Managerial Accounting	3
ACTG 220	Survey of Accounting	3
AGBE 321	Economics of Agricultural Marketing	3
AGBE 337	Agricultural Law	3
AGBE 341	Farm and Ranch Management	3
AGBE 345	Agriculture Finance and Credit Analysis	3
AGBE 353	Co-operative Business Principles and Practice	3
AGBE 421	Advanced Agricultural Marketing	3
BFIN 205	Personal Finance	3
BGEN 204	Business Fundamentals	3
BGEN 242D	Introduction to International Business	3
BGEN 361	Principles of Business Law	3
BMGT 335	Management and Organization	3
BMKT 325	Principles of Marketing	3
BMKT 337	Consumer Behavior	3
BMKT 436	Sales and Sales Management	3

Management & Industry Electives

Select 12 credits

AGSC 341	Field Crop Production	3
AGSC 342	Forages	3
ANSC 421	Assisted Reproduction Technologies w/ Lab	4
ANSC 436	Professional Development in Beef Production Systems	2

ANSC 437	Professional Development in Beef Feedlot Systems	2
BIOM 405	Host-Associated Microbiomes	3
EQUUS 327	Equine Lameness	3
EQUUS 423	Equine Nutrition	3
ENSC 245IN	Soils	3
NRSM 353	Grazing Ecology and Management	3
NRSM 453	Habitat Inventory and Analysis	3
NRSM 455	Riparian Ecology & Management	3
WILD 420	Range & Wildlife Policy and Planning	3

A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above. University core requirements must be completed.
