## Montana State University COLLEGE OF AGRICULTURE B.S. in Animal Science

Name:	ID#:	Date:	

## A minimum of 120 credits is required to graduate, 42 must be 300 level or above.

DEPARTMENTAL REQUIREMENTS FOR THIS OPTION CRI						CREDITS: 70
Dept/Course #	Course Title	Credits	Class/Semester		Year	Sub/Transfer
AGED 140 US OR	Leadership Dev for Agriculture	3	FR	FS (F)		
COMX 111US	Intro to Public Speaking	3	FR	FS (F)		
ANSC 100	Intro to Animal Science	3	FR	FS		
BIOB 160	Princ of Living Systems	4	FR	FS (S)		
CHMY 121 IN & CHMY 122IN	Intro to General Chemistry Intro to General Chemistry Lab	3 1	FR	FSSu (F)		
ECNS 101 IS	Economic Way of Thinking	3	FR	FS (S)		
NRSM 101	Natural Resource Conservation	3	FR	F		
NRSM 102	Montana Range Plants Lab	1	FR	F		
WRIT 101 W	College Writing I	3	FR	FSSu (F)		
ANSC 202	Livestock Feeding & Nutrition	3	SO	F		
ANSC 222	Livestock in Sustainable Systems	3	SO	S		
ANSC 265	Anatomy & Phys of Dom Animals	3	SO	S		
ANSC 266	Anatomy & Phys of Dom Animals Lab	1	SO	S		
BMGT 205 OR	Prof Business Communication	3	SO	FSSu (F)		
WRIT 221 CHMY 123	Intermediate Tech Writing Intro to Organic & Biochem	3	SO	FS (F)		
& CHMY 124	Intro to Organic & Biochem Lab	1	SO	FSSu (F)		
NRSM 240	Natural Resource Ecology	3	so	F		
STAT 216Q	Elementary Statistics	3	so	FSSu		
AGBE 210 IS	Economics of Agricultural Business	3	JR	S		
ANSC 316	Meat Science	4	JR	S		
ANSC 320	Animal Nutrition	3	JR	F		
ANSC 321	Physiology of Reproduction	4	JR	F		
ANSC 322	Principles of Animal Breeding & Genetics	3	JR	S		
ANSC 337	Diseases of Domestic Livestock	3	JR	S		
ANSC 498	Internship	3	SR	FSSu		

LIVESTOCK &	RANGE PRACTICUM ELECTIVES					TAKE TWO
ANSC 205	Intro to Meat Evaluation	2	so	F		
ANSC 232	Lvstk Mgmt-Sheep	1	SO	S		
ANSC 234	Lvstk Mgmt-Beef	1	so	S		
ANSC 308	Livestock Evaluation	2	JR	F		
EQUS 233	Horse Science and Mgmt Lab	2	so	F		
NRSM 235	Range and Pasture Monitoring	1	so	F		
LIVESTOCK M	ANAGEMENT ELECTIVES				ı	CREDITS REQUIRED: 6
ANSC 416R	Meat Processing	3	SR	F		
ANSC 432R	Sheep Management	3	SR	S		
ANSC 434R	Beef Cattle Management	4	SR	F		
EQUS 430	Horse Management	4	SR	S		
ECON AND BU	SINESS ELECTIVES					CREDITS REQUIRED: 9
ACTG 201	Princ of Financial Accounting	3	SO	FS		
ACTG 202	Princ of Managerial Accounting	3	SO	FSSu		
ACTG 220	Survey of Accounting	3	so	On demand		
AGBE 321	Econ of Ag Marketing	3	JR	F		
AGBE 337	Ag Law	3	JR	FS		
AGBE 353	Coop Bus Principles &	3	JR	F		
AGBE 421	Advanced Ag Marketing	3	SR	S		
BGEN 204	Business Fundamentals	3	so	FS		
BGEN 242 D	Intro to International Business	3	so	FS		
BGEN 361	Princ of Business Law	3	JR	FSSu		
BMGT 335	Management & Organization	3	JR	FSSu		
BMKT 225	Marketing	3	so	FS		
BMKT 325	Principles of Marketing	3	JR	FSSu		

MANAGEMENT	AND INDUSTRY ELECTIVES					CREDITS REQUIRED: 12
AGSC 341	Field Crop Production	3	JR	S		
AGSC 342	Forages	3	so	F		
ANSC 215	Calving Management	2	so	S		
ANSC 421	Assisted Reproductive Techniques	4	SR	F		
ANSC 436	Prof Development in Beef Production Syst	2	SR	F		
ANSC 437	Prof Development in Beef Feedlot Syst	2	SR	S		
BIOM 405	Host-Associated Biomes	3	SR	F		
ENSC 245 IN	Soils	3	SO	F		
EQUH 133	Horses: Ground Level	2	FR	FS		
EQUS 327	Equine Lameness	3	JR	F		
EQUS 423	Equine Nutrition	3	SR	F		
NRSM 353	Grazing Ecology & Management	3	JR	S		
NRSM 453	Habitat Inventory & Analysis	3	SR	F		
NRSM 455	Riparian Ecology & Management	3	JR	S		
WILD 420	Range-Wildlife Policy & Planning	3	SR	S		
FREE ELECTIVES					C.	REDITS: To meet minimum 120 cr.

## **RUBRIC/NUMBER**

Seminar (US)	Fulfilled by degree required AGED 140US or COMX 111US			
Writing (W)	Fulfilled by degree required WRIT 101W			
Quantitative Reasoning (Q)	Fulfilled by degree required STAT 216Q			
Diversity (D)				
Contemporary Issues in Science (CS)	Fulfilled by degree required BIOB 160, CHMY 121/122, NRSM 240			
Arts (IA or RA)				
Humanities (IH or RH)				
Natural Science (IN or RN)	Fulfilled by required CHMY 121/122IN			
Social Science (IS or RS)	Fulfilled by ECNS 101IS			
Research & Creative Exper. (R, RA, RH, RS, RN)	Fulfilled by degree requirement			

Completion of at least **two** of the following courses with a grade of C- or better satisfies both the Contemporary Issues in Science and the Natural Science Inquiry requirements: NRSM 240; BIOB 110, 160, 170, 256, 258, 260; BIOH 201, 211; BIOM 210, 250; BIOO 220; CHMY 121, 123, 141, 143, 151, 153, 211; GEO 101, 103, 205, 211; GPHY 111; ENSC 245; PHSX 205, 207, 220, 222, 224, 240, 242.

Minimum 120 Total Credits:	
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Minimum 42 Upper Division C	Credits: