

Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Date: \_\_\_\_\_

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

DEPARTMENTAL REQUIREMENTS FOR THIS OPTION						CREDITS: 83
Dept/Course #	Course Title	Credits	Class/Semester		Year	Sub/Transfer
AGED 140 US OR COMX 111 US	Leadership Dev for Agriculture	3	FR	FS (F)		
	Intro to Public Speaking	3	FR	FSSu (F)		
ANSC 100	Intro to Animal Science	3	FR	FS		
BIOB 160	Princ of Living Systems	4	FR	FS (S)		
BIOB 170IN	Princ of Biological Diversity	4	FR	FS (F)		
CHMY 141 & CHMY 142	College Chemistry I College Chemistry I Lab	3 1	FR	FSSu (F)		
CHMY 143 & CHMY 144	College Chemistry II College Chemistry II Lab	3 1	FR	FSSu (S)		
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		
BIOB 318 OR STAT 216 Q	Biometry	3	SO	F		
	Elementary Statistics	3	SO	FSSu (S)		
BMGT 205 OR WRIT 221	Prof Business Communication	3	SO	FSSu (F)		
	Intermediate Tech Writing	3	SO	FS		
CHMY 211 & CHMY 212	Elements Organic Chemistry Elements Organic Chemistry Lab	4 1	SO	FS (S)		
M 161 Q	Survey of Calculus	4	SO	FSSu (F)		
NRSM 240	Natural Resource Ecology	3	SO	F		
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		
BIOM 360	General Microbiology	5	JR	S		
ANSC 490R OR ANSC 498	Undergrad Research	3	JR	FS		
	Internship	3	JR	FSSu		
BCH 380 & BCH 381	Biochemistry Biochemistry Lab	4 1	JR	FSSu (F)		

LIVESTOCK MANAGEMENT ELECTIVES						CHOOSE 2
ANSC 316	Meat Science	4	JR	S		
ANSC 432R	Sheep Management	3	SR	S		
ANSC 434R	Beef Cattle Management	4	SR	F		
EQUS 430	Horse Management	4	SR	S		
RESTRICTED ELECTIVES						CREDITS REQUIRED: 12
ANSC 337	Diseases of Domestic Livestock	3	JR	S		
ANSC 421	Assisted Reproductive Techniques	4	SR	F		
BIOB 375	General Genetics	3	JR	FS (F)		
BIOB 410	Immunology	3	SR	FS		
BIOB 424	Ethical Practice of Science	3	SR	S		
BIOE 405	Behavioral and Evolutionary Ecology	3	JR	S		
BIOH 323	Human Developmental Biology	4	JR	S		
BIOM 405	Host-Associated Microbial Ecology	3	SR	FS		
BIOM 410	Microbial Genetics	3	SR	S		
BIOM 427	General Parasitology	4	SR	F		
BIOM 435	Virology	3	SR	F		
BIOO 310	Comp Vertebrate Anatomy	4	JR	F		
BIOO 412	Animal Physiology	3	JR	F		
PHSX 205	Physics I	4	JR	FSSu		
PHSX 207	Physics II	4	JR	FSSu		
FREE ELECTIVES						CREDITS: To meet minimum 120 cr.

## CORE 2.0

### 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 M 161Q
Diversity (D)	
Contemporary Issues in Science (CS)	Fulfilled by degree required BIOB 160, CHMY 141/142
Arts (IA or RA)	
Humanities (IH or RH)	
Natural Sciences (IN or RN)	Fulfilled by degree required BIOB 170IN
Inquiry Social Science (IS or RS)	Fulfilled by degree required ECNS 101IS
Research & Creative Exper. (R, RA, RH, RS, RN)	

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; GPY 111; LRES 201; PHSX 205, 207, 220, 222, 224, 240, 242.

Minimum 120 Total Credits: \_\_\_\_\_

Minimum 42 Upper Division Credits: \_\_\_\_\_