

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: 81
Dept/Course #	Course Title	Credits	Class/Semester		Year	Sub/Transfer
AGED 140 US OR COMX 111 US	Leadership Dev for Ag & Ind Employee Public Communication	3 3	FR	FS (F) FSSu (F)		
ANSC 100	Intro Animal Science	3	FR	FS		
BIOB 160	Princ of Living Systems	4	FR	FS (S)		
BIOB 170	Princ of Biological Diversity	4	FR	FS (F)		
CHMY 141	College Chemistry I	4	FR	FSSu (F)		
CHMY 143	College Chemistry II	4	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	3	SO	F		
ANSC 222	Livestock in Sustainable Systems	3	SO	S		
ANSC 265	Functional Anatomy of Dom Animals	3	SO	S		
ANSC 266	Functional Anatomy of Dom Animals Lab	1	SO	S		
BIOB 105CS	Intro to Biotechnology	3	SO	F		
BIOB 318 OR STAT 216 Q	Biometry Elementary Statistics	3 3	SO	F FSSu (S)		
BMGT 205 OR WRIT 221	Mgmt Communication Fundamentals Intermediate Tech Writing	3 3	SO	FSSu (F) FS		
CHMY 211	Elements Organic Chemistry	5	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		
ANSC 490R OR ANSC 498	Undergrad Research Internship	3 3	JR	FS FSSu		
BCH 380	Biochemistry	5	JR	FSSu (F)		

LIVESTOCK MANAGEMENT ELECTIVES						CREDITS REQUIRED: 6
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 410	Veterinary Entomology & Parasitology (Alt Yrs 2020)	3	SR	S		
ANSC 421	Assisted Reproductive Techniques	4	SR	F		
BIOB 375	General Genetics	3	JR	FS (F)		
BIOH 323	Human Developmental Biology	4	JR	S		
BIOH 454	Microanatomy (Histology) On Demand	4	SR			
BIOM 360	General Microbiology	5	JR	FS		
BIOM 405	Host-Associated Microbial Ecology	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)	
Writing (W)	
Quantitative Reasoning (Q)	
Diversity (D)	
Contemporary Issues in Science (CS)	
Arts (IA or RA)	
Humanities (IH or RH)	
Natural Sciences (IN or RN)	
Inquiry Social Science (IS or RS)	
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; BIOC 220; CHMY 121, 123, 141, 143, 151, 153, 211; GEO 101, 103, 205, 211; GPHY 111; LRES 201; PHSX 205, 207, 220, 222, 224, 240, 242.

Total Credits: \_\_\_\_\_

Upper Division: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Certifying Officer: \_\_\_\_\_ Date: \_\_\_\_\_