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

Name:	ID#·	Date:
Name:	1D#:	Date

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

Dept/Course #   Course Title   Credits   Class/Semester   Year   Sub/Transfer	TS: 68
OR COMX 111US         Public Communication         3         FR         FS (F)           ANSC 100         Intro Animal Science         3         FR         FS           BIOB 160         Princ of Living Systems         4         FR         FS (S)           CHMY 121 IN         Intro General Chemistry         4         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 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           BMGT 205         Mgmt Communication Fundamentals         3         SO         FSSu (F)           OR         WRIT 221         Intermed Tech Writing         3         SO         FSSu (F)           CHMY 123         Intro to Orga	
COMX 111US         Public Communication         3         FR         FS (F)           ANSC 100         Intro Animal Science         3         FR         FS           BIOB 160         Princ of Living Systems         4         FR         FS (S)           CHMY 121 IN         Intro General Chemistry         4         FR         FS (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 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           BMGT 205         Mgmt Communication Fundamentals         3         SO         FSSu (F)           OR         WRIT 221         Intermed Tech Writing         3         SO         FS (F)           CHMY 123         Intro to Organic & B	
BIOB 160 Princ of Living Systems 4 FR FS (S)  CHMY 121 IN Intro General Chemistry 4 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 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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
CHMY 121 IN Intro General Chemistry 4 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 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  BMGT 205 OR  WRIT 221 Intermed Tech Writing 3 SO FSSu (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
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 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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  OR  WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
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 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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
NRSM 102 Montana Range Plants Lab 1 FR F  WRIT 101 W College Writing I 3 FR FSSu (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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
WRIT 101 W College Writing I 3 FR FSSu (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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F) OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO FSSu  STAT 216 Elementary Statistics 3 SO FSSu	
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  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
ANSC 265 Functional Anatomy of Dom Animals 3 SO S  ANSC 266 Functional Anatomy of Dom Animals Lab 1 SO S  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
ANSC 266 Functional Anatomy of Dom Animals Lab 1 SO S  BMGT 205 Mgmt Communication Fundamentals 3 SO FSSu (F)  OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
BMGT 205 OR WRIT 221 Intermed Tech Writing 3 SO FSSu (F) CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F) NRSM 240 Natural Resource Ecology 3 SO F STAT 216 Elementary Statistics 3 SO FSSu (F) STAT 216 STAT 216 SO FSSu	
OR WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
WRIT 221 Intermed Tech Writing 3 SO FS (F)  CHMY 123 Intro to Organic & Biochem 4 SO FSSu (F)  NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
NRSM 240 Natural Resource Ecology 3 SO F  STAT 216 Elementary Statistics 3 SO FSSu	
STAT 216 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 4 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 OR	Introduction to Meat Evaluation	2	SO	F	
ANSC 308	Livestock Evaluation	2	JR	F	
ANSC 232	Lvstk Mgmt-Sheep	1	SO	S	
ANSC 234	Lvstk Mgmt-Beef	1	SO	S	
EQUS 233	Horse Science and Mgmt Lab	2	so	F	
NRSM 235	Range and Pasture Monitoring	1	so	F	
LIVESTOCK I	MANAGEMENT ELECTIVES				 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 B	USINESS ELECTIVES				CREDITS REQUIRED: 9
ACTG 201	Princ of Financial Accounting	3	SO	FSSu	
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 325	Marketing	3	JR	FSSu	
BMKT 337	Consumer Behavior	3	JR	FS	
BMKT 436	Sales and Sales Mgmt	3	JR	S	

MANAGEMEN	T AND INDUSTRY ELECTIVES					CREDITS REQUIRED: 12
AGSC 341	Field Crop Production (Alt Yrs 2018)	3	JR	S		
AGSC 342	Forages	3	so	F		
ANSC 410	Veterinary Entomology (Alt Yrs 2018)	3	SR	S		
ANSC 418	Topics in Beef Cattle Nutrition (Alt Yrs 2018)	2	SR	S		
ANSC 421	Assisted Reproductive Techniques	4	SR	F		
BIOM 405	Host-Associated Biomes	4	SR	F		
EQUS 327	Equine Lameness	3	JR	F		
EQUS 423	Equine Nutrition (Alt Yrs 2017)	2	SR	S		
ENSC 245 IN	Soils	3	SO	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		
FREE ELECTIV	ES				C	REDITS: 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 Science (IN or RN)		
	Social Science (IS or RS)		
	Research & Creative Exper. (R, RA, RH, RS, RN)		
the Natural Scien	nce Inquiry requirements: NRSM 240; BI	n grade of C- or better satisfies both the Contemporary Issues in OB 110, 160, 170, 256, 258, 260; BIOH 201, 211; BIOM 210, 103, 205, 211; GPHY 111; ENSC 245; PHSX 205, 207, 220	, 250; BIOO
Total Credits:			
Upper Divisio	on:		
Student Signa	ture:	Date:	_
Advisor Signa	ature:	Date:	_
Certifying Off	ficer:	Date:	_