Equine Science

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						CREDITS: 71
Dept/Course #	Course Title	Credits	Class/Semester		Year	Sub/Transfer
AGED 140 US	Leadership Dev for Ag & Ind Employee	3	FR	FS (F)		
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	FSSu (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		
BIOB 318	Biometry	3	SO	F		
OR STAT 216 Q	Elementary Statistics	3	so	FSSu (S)		
BMGT 205 OR	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)		
EQUS 206	Equine Ethology: Understanding Horse Behavior	3	so	F		
NRSM 236	Small Pasture Management	1	SO	S		
NRSM 240	Natural Resource Ecology	3	SO	F		
AGBE 210IS	Economics of Agricultural Business	3	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		
EQUS 347	Equine Form to Function	3	JR	S		
ANSC 498	Internship	3	SR	FSSu		
		1	1	1		

APPLIED COUR	SES		1		CREDITS REQUIRED: 6
EQUH 110	Western Equitation	2	FR	FS	
EQUH 114	English Equitation	2	FR	FS	
EQUH 207	Intermediate English Equitation	2	so	S	
EQUH 210	Intermediate Western Equitation	2	so	FS	
EQUH 253	Starting Colts	2	so	F	
EQUH 256	Developing the Young Horse	2	so	S	
EQUS 233	Horse Science & Mgmt Lab	2	SO	F	
NRSM 235	Range and Pasture Monitoring	1	so	F	
EQUH 314	Equestrian Instruction Methods	2	JR	FS	
EQUINE SCIENC	CE ELECTIVES		I	L	REQUIREMENT: TAKE 2
ANSC 410	Veterinary Entomology and Parasitology (Alt Yrs 2016)	3	SR	S	
EQUS 327	Equine Lameness	3	SR	F	
EQUS 346	Equine Reproduction Mgmt	4	SR	S	
EQUS 424	Equine Exercise Physiology	3	SR	S	
ECON AND BUS	SINESS ELECTIVES		ı	I	CREDITS REQUIRED: 9
ACTG 201	Principles of Financial Accounting	3	SO	FSSu	
ACTG 202	Principles of Managerial Accounting	3	SO	FSSu	
ACTG 220	Survey of Accounting	3	SO	On demand	
AGBE 321	Econ of Ag Marketing	3	JR	FS	
AGBE 337	Ag Law	3	JR	FS	
AGBE 341	Farm and Ranch Management	3	JR	S	
AGBE 345	Ag Finance & Credit Analysis	3	JR	F	
AGBE 353	Coop Bus Principles & Practices	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	

MANAGEMENT	AND INDUSTRY ELECTIVES				CREDITS REQUIRED: 9
AGSC 341	Field Crop Production (Alt Yrs 2018)	3	JR	S	
AGSC 342	Forages	3	so	F	
ANSC 232	Lvstk Mgmt-Sheep	1	so	S	
ANSC 234	Lvstk Mgmt-Beef	1	so	S	
ANSC 418 OR	Topics in Beef Nutrition (Alt Yrs 2018)	2	SR	S	
EQUS 423	Equine Nutrition (Alt Yrs 2017)	2	SR	S	
ANSC 432R	Sheep Management	3	SR	S	
ANSC 434R	Beef Cattle Management	4	SR	F	
BIOM 405	Host-Associated Biomes	4	SR	F	
ENSC 245 IN	Soils	3	SO	F	
EQUS 430	Horse Management	4	SR	S	
NRSM 353	Grazing Ecology & Management	3	JR	S	
NRSM 453	Habitat Inventory and Analysis	3	SR	F	
NRSM 455	Riparian Ecology & Management	3	JR	S	
FREE ELECTIVES					CREDITS: To meet minimum 120 cr.
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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)		
the Natural Scien	nce Inquiry requirements: NRSM 240; BIOB 1	e of C- or better satisfies both the Contemporary Issues 10, 160, 170, 256, 258, 260; BIOH 201, 211; BIOM 21 205, 211; GPHY 111; ENSC 245; PHSX 205, 207, 220	0, 250; BIOO
Total Credits:			
Upper Divisio	on:		
Student Signa	ture:	Date:	_
Advisor Signa	ature:	Date:	
Certifying Off	ficer:	Date:	