

Equine Sciences Check Sheet Fall 2016



Name: _____

PID: _____

<u>University Core Required</u>	<u>Equine Science Required Orientation & Base Courses</u>	<u>Applied (8 credits from 4 courses, Max 2 Food Animal courses)</u>
1A Written Communication CO150 College Comp 3	ANEQ292 Eq Industry Seminar 1 ANEQ102 Intro to Equine Sci 4 ANEQ305 Physiology or BMS300 3-4 ANEQ 105 Large Anim Anat Lab 1 ANEQ328 (s), SOCR330, BZ350 or MIP450 3 SPCM200 Speech 3 STAT201, 301 or 307 3	<u>Equine Science Courses</u> ANEQ201A/B Prep for Comp 2 ANEQ202 Horse Hand/Safety (f) 1 ANEQ203 Equine Management (s) 2 ANEQ204 Equine Facilities (s) 3 ANEQ249 Intro to Trail Riding 1 ANEQ315 Equine Behavior (s) 2 ANEQ325 Equine Exercise Phys (s) 2 ANEQ340 Horse Training Lab I (f) 3 ANEQ341 Horse Training Lab II (s) 3 ANEQ349 Packing and Outfitting 2 ANEQ351 Therapeutic Riding 2 ANEQ352 Intro to Horse Eval (s) 2 ANEQ358 Equine Event & Sales Mgt (f) 2 ANEQ359 Equine Sales Production (s) 2 ANEQ365 Teaching Therapeutic Riding (s) 2 ANEQ384 Supv'd College Teaching var ANEQ386b Equine Repro Mgt (s, ss) 2 ANEQ386c Farrier Practicum (s) 1 ANEQ442 Riding Instructor Training 2 ANEQ445 Foaling Management (s) 2 ANEQ486 Therapeutic Riding Practicum 1 ANEQ495 Independent Study var ANEQ496 Group Study var 2** level Foreign Language (1 course) var
1B Mathematics (3crs) MATH 117, 118, 124 or one of the following: MATH 141, 155, 160	3C AREC202 or ECON 202 3	<u>Applied Food Animal Courses</u> ANEQ250 Live Anim & Carcass Eval 3 ANEQ286 Livestock Practicum 2 ANEQ300 courses var ANEQ310 Animal Reproduction 3 ANEQ312 Animal Ultrasonography 2 ANEQ320 Animal Nutrition 4 ANEQ330 Animal Breeding 3
2B Advanced Writing CO300, 301, 302, or JTC300 3	4B Foundation Courses ANEQ334 Equine Genetics (s) 3 ANEQ344 Equine Repro Mgt (f) 4 ANEQ345 Equine Nutrition (s) 3 ANEQ346 Equine Disease (f) 4	ANEQ487b Internship var Study Abroad var 2** level Foreign Language (1 course) var
3A Biological/Physical Science one pair required: CHEM107/108 Fund Chem 5 CHEM111/112 General Chem 5 required: LIFE102 Attrib of Living Sys 4	4A, C Capstone Course ANEQ440 Equine Prod & Ind 3	ANEQ441 Integ Equine Sci (s, ss) 2 ANEQ444 Equine Bus Mgt (f, ss) 2
3B Arts/Humanities (6crs)	Advanced (1 course required) ANEQ441 Integ Equine Sci (s, ss) 2 ANEQ444 Equine Bus Mgt (f, ss) 2	ANEQ496 Group Study var 2** level Foreign Language (1 course) var
3C Social/Behavioral Sciences AREC202 or ECON 202 3	Experience (1 course, min 2 cred) ANEQ487b Internship var Study Abroad var	ANEQ495 Independent Study var ANEQ496 Group Study var 2** level Foreign Language (1 course) var
3D Historical Perspectives (3crs)	Business (12 credits required) Select a total of 12 credits from any AREC or ECON course (except AREC202/ECON202) or any business course of which 3 credits max may be a computer course. Access granted for the following business courses: ACT205, BUS205, FIN305, MGT305 and MKT305	ANEQ495 Independent Study var ANEQ496 Group Study var 2** level Foreign Language (1 course) var
3E Global & Cultural Aware (3crs)	Select a total of 12 credits from any AREC or ECON course (except AREC202/ECON202) or any business course of which 3 credits max may be a computer course. Access granted for the following business courses: ACT205, BUS205, FIN305, MGT305 and MKT305	ANEQ495 Independent Study var ANEQ496 Group Study var 2** level Foreign Language (1 course) var
University Graduation Requirements Minimum: 120 Credits 42 upper division credits 2.0 Core GPA 2.0 Overall GPA	Advanced Science Course (select 1) BC351 Principles of Biochem 4 BC401 Comprehensive Biochem I 3 BC403 Comprehensive Biochem II 3 CHEM245 Fund of Organic Chem 4 CHEM341 Modern Org Chem I 3 CHEM343 Modern Org Chem II 3 BMS430 Endocrinology 3 MIP300 General Microbiology 3 MIP342 Immunology 3 CHEM335 Intro to Analytical Chem 3 ANEQ522 Animal Metabolism 3	Elective Credits
A minimum grade of C (2.0) is required in all ANEQ courses which are required for graduation	BC351 Principles of Biochem 4 BC401 Comprehensive Biochem I 3 BC403 Comprehensive Biochem II 3 CHEM245 Fund of Organic Chem 4 CHEM341 Modern Org Chem I 3 CHEM343 Modern Org Chem II 3 BMS430 Endocrinology 3 MIP300 General Microbiology 3 MIP342 Immunology 3 CHEM335 Intro to Analytical Chem 3 ANEQ522 Animal Metabolism 3	Student Signature _____ date _____ Advisor Signature _____ date _____
Credit Limit for Graduation ANEQ352-357 & 361-364 Judging 5crs ANEQ384 Supv'd College Teaching 6crs ANEQ487 Internship 6crs ANEQ495 Independent Study 6crs ANEQ496 Group Study 6crs Maximum combination of above 12crs	BC351 Principles of Biochem 4 BC401 Comprehensive Biochem I 3 BC403 Comprehensive Biochem II 3 CHEM245 Fund of Organic Chem 4 CHEM341 Modern Org Chem I 3 CHEM343 Modern Org Chem II 3 BMS430 Endocrinology 3 MIP300 General Microbiology 3 MIP342 Immunology 3 CHEM335 Intro to Analytical Chem 3 ANEQ522 Animal Metabolism 3	Student Signature _____ date _____ Advisor Signature _____ date _____

Typical 4-Year Equine Sciences Program

Firt Year Fall			First Year Spring		
ANEQ102	Intro to Equine Science	4	SELECT	Chemistry (CORE 3A)	5
LIFE102	Attrib of Living Systems (CORE 3A)	4	CO150	College Composition (CORE 1A)	3
SELECT	Historical Persp (CORE 3D)	3	SELECT	Arts & Humanities (CORE 3B)	3
MATH	MATH 117, 118, 124		SPCM200	Public Speaking	3
	or MATH 141, 155, 160, 125, or 126	3-4	ANEQ292	Equine Industry Seminar	1
		14-15	ANEQ105	Large Animal Anatomy Lab	1
					16

Second Year Fall			Second Year Spring		
AREC202	Ag/Nat Resource Economics	3	SELECT	Business Elective	3
SELECT	Statistics	3	SELECT	Arts & Humanities (CORE 3B)	3
SELECT	Business Elective	3	ANEQ328	Animal Genetics	3
ANEQ305	Animal Physiology	3	SELECT	Electives	4
SELECT	Elective	3	SELECT	Equine Applied Course	2
					15

Third Year Fall			Third Year Spring		
SELECT	Equine Applied Course	2	ANEQ344	Equine Genetics	3
ANEQ346	Equine Disease Management		SELECT	Advanced Writing (CORE 2B)	3
	or		SELECT	Business Elective	3
ANEQ344	Equine Repro Management	4	ANEQ345	Equine Nutrition	3
SELECT	Global and Cultural Aware (CORE 3E)	3	SELECT	Electives	2
SELECT	Business Elective	3	SELECT	ANEQ487b Internship or Study Ab	2
SELECT	Elective	3			
					16
					15

Fourth Year Fall			Fourth Year Spring		
SELECT	Adv Equine Course or Electives	2	SELECT	Advanced Science Course	3-4
SELECT	Electives	3	SELECT	Adv Equine Course or Electives	2
ANEQ346	Equine Disease Management		SELECT	Equine Applied Course	2
	or		SELECT	Electives	6-8
ANEQ344	Equine Repro Management	4	13-15		
ANEQ440	Equine Production Mgt	3			
SELECT	Equine Applied	2			
					14

(f) Fall only, (s) Spring only, (ss) Summer session

A list of available courses, registration, CORE requirements and the course catalog can be found on RAMweb