

Equine Sciences Check Sheet Fall 2019



Name: _____

PID: _____

University Core Required	Equine Science Required Orientation & Base Courses	Applied (8 credits from 4 courses, Max 2 Food Animal courses)
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 Prep for Comp- Western 2 ANEQ201B Prep for Comp-English 2 ANEQ200 Applied Horsemanship & Eq (f, s) 2 ANEQ203 Equine Management (s) 2 ANEQ204 Equine Facilities (s) 3 ANEQ205 Eq Assesment, Eval & Retraining 2 ANEQ249 Intro to Trail Riding 1 ANEQ303 Equine Digital Photography (f) 3 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 ANEQ353 Advanced Horse Eval (f) 3 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 <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
1B Mathematics (3crs) MATH 117, 118, 124 or one of the following: MATH 141, 155, 160	3C AREC202 or ECON 202 3 ANEQ115 Applied Equine Behavior 2	
2B Advanced Writing CO300, 301, 302, or JTC300 3	4B Foundation Courses ANEQ334 Equine Genetics (s, ss) 3 ANEQ344 Equine Repro Mgt (f, s) 3 ANEQ345 Equine Nutrition (s,ss) 3 ANEQ346 Equine Disease (f) 4	
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	
3B Arts/Humanities (6crs)	Advanced (1 course required) ANEQ441 Integ Equine Sci (s, ss) 2 ANEQ444 Equine Bus Mgt (f, ss) 2	
3C Social/Behavioral Sciences AREC202 or ECON 202 3	Experience (1 course, min 2 cred) ANEQ487b Internship var Study Abroad 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	
3E Global & Cultural Aware (3crs)	Advanced Science Course (select 1 from the list of classes on the back)	
University Graduation Requirements Minimum: 120 Credits 42 upper division credits 2.0 Core GPA 2.0 Overall GPA	Elective Credits	Student Signature _____ date Advisor Signature _____ date
A minimum grade of C (2.0) is required in all ANEQ courses which are required for graduation. If student opts to take BMS300, a minimum grade of C is required		
Credit Limit for Graduation ANEQ352-357 & 361-364 Judging 5 ANEQ384 Supv'd College Teaching 6 ANEQ487 Internship 6 ANEQ495 Independent Study 6 ANEQ496 Group Study 6 Maximum combination of above 12		

Advanced Science Course List (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
_____	BMS345 Functional Neuroanatomy	4
_____	PSY320 Abnormal Pschology	3
_____	PSY454 Biological Psychology	3
_____	PSY458 Cognitive Neuroscience	3

***MATH and COMP are recommended to be completed in the first 30 credits.