

Equine Science Check Sheet FALL 2012

Name: _____ PID: _____

University Core Required

1A Written Communication

_____ CO 150 College Comp 3

1B Mathematics (3 crs)

_____ MATH 117, 118, and 124
OR one of the following:
 _____ MATH 141, 155 or 160

2 Advanced Writing

_____ CO 300, 301, 302, or JTC 300 3

3A Biological/Physical Sci

One Pair Required:

_____ CHEM 107/108 Fund Chemistry 5
 _____ CHEM 111/112 General Chem I 5

Required

_____ LIFE 102 Attrib of Living Sys 4

3B Arts/Humanities (6 crs)

_____ _____
 _____ _____

3C Social/Behavioral Sciences

_____ AREC 202 or ECON 202 3

3D Historical Perspectives (3 crs)

_____ _____

3E Global & Cultural Aware (3 crs)

_____ _____

University Graduation Requirements

Minimum: 120 credits
 42 upper division credits
 (300+ course level)
 2.0 CORE GPA
 2.0 Overall GPA

A minimum grade of C (2.0) is required in all ANEQ courses which are required for graduation

Equine Science Required Orientation & Base Courses

_____ ANEQ 292 Eq. Industry Seminar 1
 _____ ANEQ 102 Intro to Equine Sci 4
 _____ ANEQ 230 A&P or BMS 300 3-4
 _____ SOCR 330, BZ 350 or MIP 450 3
 _____ SPCM 200 3
 _____ STAT 301 or 307 3
3C _____ AREC 202 or ECON 202 3

4B Foundation Courses

_____ ANEQ 334 Equine Genetics (S) 2
 _____ ANEQ 344 Equine Repro Mgt (F) 4
 _____ ANEQ 345 Equine Nutrition 3
 _____ ANEQ 346 Equine Disease Mgt (F) 4

4A, C Capstone Course

_____ ANEQ 440 Equine Prod & Ind 3

Advanced (1 course) Required

_____ ANEQ 441 Integrated Equine Sci (F,SS) 2
 _____ ANEQ 444 Equine Business Mgt. (S, SS) 2

Experience (1 Course-min 2 crs)

_____ ANEQ 475 Travel Abroad 2
 _____ ANEQ 487 Internship var
 _____ Study Abroad var

Applied (8 credits from 4 courses)

Max 2 Food Animal Courses)

Equine Science Courses

_____ ANEQ 202 Horse Hand/Safety (F) 1
 _____ ANEQ 203 Equine Management (S) 2
 _____ ANEQ 249 Intro Trail Riding 1
 _____ ANEQ 315 Equine Behavior (S) 2
 _____ ANEQ 325 Exercise Physiology (S) 2
 _____ ANEQ 340 Horse Train Lab I (F) 3
 _____ ANEQ 341 Horse Train Lab II (S) 3
 _____ ANEQ 349 Packing & Outfitting 2
 _____ ANEQ 351 Therapeutic Riding 2
 _____ ANEQ 352 Intro Horse Eval (S) 2
 _____ ANEQ 353 Advanced Horse Eval (F) 3
 _____ ANEQ 358 Equine Event & Sales Mgt(F) 2
 _____ ANEQ 359 Equine Sales Prod. (S) 2
 _____ ANEQ 384 Supv'd College Teach var
 _____ ANEQ 386B Eq Repro Mgt (S,SS) 2
 _____ ANEQ 386C Farrier Pract (S) 1
 _____ ANEQ 442 Riding Inst Train 2
 _____ ANEQ 443 Appl Equine Nutrition (S) 2
 _____ ANEQ 445 Foaling Mgt (S) 2
 _____ ANEQ 495 Independent Study var
 _____ ANEQ 496 Group Study var
 _____ 2__ Foreign Language (1course) var

Credit Limit for Graduation

ANEQ 352-357 & 361-364 Judging (5 crs)
 ANEQ 384 Supv'd College Teach (6 crs)
 ANEQ 487 Internship (6 crs)
 ANEQ 495 Independent Study (6 crs)
 ANEQ 496 Group Study (6 crs)
Maximum combination of above: 12 credits

Applied Continued Food Animal Courses

_____ ANEQ 250 Live Animal & Carcass Eval 3
 _____ ANEQ 286 Livestock Practicum 2
 _____ ANEQ 300 courses var
 _____ ANEQ 310 Animal Repro 3
 _____ ANEQ 312 An. Ultrasonography 2
 _____ ANEQ 320 Animal Nutrition 3
 _____ ANEQ 330 Animal Breeding 3
 _____ ANEQ/SOCR 448 Manure Mgt (F) 3

Business (15 credits) – Required

Select a total of 15 credits from any AREC or ECON course (except AREC202/ECON 202) or any business course of which 3 credits (maximum) may be a computer course. Access granted for the following business courses: ACT 205, BUS 205, FIN 305, MGT 305, and MKT 305

Elective Credits

Suggested Courses: ANEQ 500 Rec. Develop., ANEQ 522 An Metabolism, ANEQ 551 Field Necropsy, ANEQ 565 Interp. AnSc Res., BMS 430 Endocrinology, BMS 450 Pharmacology MIP 300 General Microbiology + MB 302 Lab MIP 342 Immunology, VS 331 Histology or BMS 330 Microscopic Anatomy

CSU: Vet School Requirements

For Vet School requirements see web site:
<http://www.cvmbs.colostate.edu/cvmbs/pvmpuro.htm>

 Student Signature Date

 Adviser Signature Date

5/16/12

Typical 4-Year Equine Science Program

Fall

Spring

Freshman

ANEQ 102	Intro to Equine Science	4
LIFE 102	Living Systems (CORE 3A)	4
SELECT	Hist Persp (CORE 3D)	3
MATH	Math 117, 118, 124	<u>3-4</u>
	Or Math 141,155,160,125 or 126	
		14-15

SELECT	Chemistry (CORE 3A)	5
CO 150	College Composition (CORE 1A)	3
SELECT	Arts & Hum (CORE 3B)	3
SPCM 200	Public Speaking	3
ANEQ 292	Equine Industry Seminar	<u>1</u>
		15

Sophomore

AREC 202	Ag./Nat. Res Econ (CORE 3C)	3
SELECT	Statistics	3
SELECT	Business Elective	3
ANEQ 230	Farm Animal Anatomy	3
SELECT	Elective	<u>3</u>
		15

SELECT	Business Elective	3
SELECT	Arts & Hum (CORE 3B)	3
SOCR 330/BZ 350	Genetics	3
SELECT	Electives	4
SELECT	Applied Course	<u>2</u>
		15

Junior

EXPERIENCE: Internship/Study Abroad/ Travel Abroad (F, S, SS) Min 2- Max 6

SELECT	Applied Course	2
ANEQ 346	Equine Disease Mgt	
	OR	
ANEQ 344	Equine Repro Mgt	4
SELECT	Global and Cult (CORE 3E)	3
SELECT	Business Elective	3
SELECT	Elective	<u>3</u>
		15

ANEQ 334	Equine Genetics	2
SELECT	Advanced Writing (CORE 2)	3
SELECT	Business Elective	3
ANEQ 345	Equine Nutrition	3
SELECT	Electives/Advanced Equine Course	<u>3</u>
		14

Senior

SELECT	Advanced Equine Course	2
SELECT	Electives	3
ANEQ 346	Equine Disease Mgt	
	OR	
ANEQ 344	Equine Repro Mgt	4
SELECT	Business Elective	3
SELECT	Applied Course	<u>2</u>
		14

ANEQ 440	Equine Production & Industry	3
SELECT	Applied Courses	4
SELECT	Electives	<u>3-12</u>
		10-19

(F) Fall only, (S) Spring only (SS = Summer session)

See tab RAMweb then under "Class Schedule" at (<http://rampoint.colostate.edu/cp/home/loginf>) for list of available courses, registration and CORE requirements! Course Catalog is also available at the same location.