

# Equine Science Check Sheet FALL 2015

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

### 2B 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 305A&P or BMS 300 3-4  
 \_\_\_\_\_ ANEQ 328 (S), SOCR 330,  
 BZ 350 or MIP 450 3  
 \_\_\_\_\_ SPCM 200 3  
 \_\_\_\_\_ STAT 301 or 307 3  
**3C** \_\_\_\_\_ AREC 202 or ECON 202 3  
 \_\_\_\_\_ ANEQ105 Large Animal Anat. Lab 1

## 4B Foundation Courses

\_\_\_\_\_ ANEQ 334 Equine Genetics (S) 3  
 \_\_\_\_\_ ANEQ 344 Equine Repro Mgt (F) 4  
 \_\_\_\_\_ ANEQ 345 Equine Nutrition (S) 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 (S,SS) 2  
 \_\_\_\_\_ ANEQ 444 Equine Business Mgt. (F, SS) 2

## Experience (1 Course-min 2 crs)

\_\_\_\_\_ ANEQ 487b Internship var  
 \_\_\_\_\_ Study Abroad var

## Applied (8 credits from 4 courses)

### Max 2 Food Animal Courses)

#### Equine Science Courses

\_\_\_\_\_ ANEQ201A/B Prep for Competition 2  
 \_\_\_\_\_ ANEQ 202 Horse Hand/Safety (F) 1  
 \_\_\_\_\_ ANEQ 203 Equine Management (S) 2  
 \_\_\_\_\_ ANEQ 204 Equine Facilities Mgt (S) 3  
 \_\_\_\_\_ 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  
 \_\_\_\_\_ ANEQ365 Teaching Therapeutic Riding 3  
 \_\_\_\_\_ 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 445 Foaling Mgt (S) 2  
 \_\_\_\_\_ ANEQ486 Therapeutic Riding Practicum 1  
 \_\_\_\_\_ 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 4  
 \_\_\_\_\_ ANEQ 330 Animal Breeding 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

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## 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

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## CSU: Vet School Requirements

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

\_\_\_\_\_  
 Student Signature \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
 Adviser Signature \_\_\_\_\_ Date \_\_\_\_\_

5/23/14

# Typical 4-Year Equine Science Program

*Fall*

*Spring*

## *First Year*

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	1
ANEQ 105	Large Animal Anatomy Lab	<u>1</u>
		16

## *Second Year*

AREC 202	Ag./Nat. Res Econ (CORE 3C)	3
SELECT	Statistics	3
SELECT	Business Elective	3
ANEQ 305	Farm Animal Anatomy	3
SELECT	Elective	<u>3</u>
		15

SELECT	Business Elective	3
SELECT	Arts & Hum (CORE 3B)	3
ANEQ328/SOCR 330/BZ 350	Genetics	3
SELECT	Electives	4
SELECT	Applied Course	<u>2</u>
		15

## *Third Year*

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	3
SELECT	Advanced Writing (CORE 2B)	3
SELECT	Business Elective	3
ANEQ 345	Equine Nutrition	3
SELECT	Electives/Advanced Equine Course	<u>3</u>
		15

## *Fourth Year*

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>2-10</u>
		9-17

(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.