

# Animal Science Check Sheet FALL 2013

Name: \_\_\_\_\_ CSUID: \_\_\_\_\_

## University Core

### 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 (7 crs)

\_\_\_\_\_ CHEM 107/108 Fund Chem 5  
**OR**  
 \_\_\_\_\_ 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)

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### University Graduation Requirements

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

#### Credit Limit for Graduation

ANEQ 352-357 & 361-364 Judg (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: 12 credits**

## Animal Science

\_\_\_\_\_ AGRI 192 or 292 1

### Base Courses – Required

\_\_\_\_\_ ANEQ 101 Food Animal Sci 3  
 \_\_\_\_\_ ANEQ 230 A&P or BMS 300 3-4  
 \_\_\_\_\_ ANEQ 250 Live Animal & Carcass  
 Eval 3  
 \_\_\_\_\_ ANEQ 286 Livestock Practicum 2  
 \_\_\_\_\_ ANEQ346, ANEQ/VS313,  
 MIP315A 3-4  
 \_\_\_\_\_ ANEQ 328 (S), SOCR 330,  
 BZ 350 or MIP 450 3  
 \_\_\_\_\_ SOCR 320 (S) OR RS300 (F) 3  
 \_\_\_\_\_ SPCM 200 or Foreign Language 3  
 \_\_\_\_\_ STAT 301 or 307 3  
**3C** \_\_\_\_\_ AREC 202 or ECON 202 3

### 4B Foundation - Required

\_\_\_\_\_ ANEQ 310 Animal Repro 3  
 \_\_\_\_\_ ANEQ 320 Animal Nutrition 4  
 \_\_\_\_\_ ANEQ 330 Animal Breeding (S) 3  
 \_\_\_\_\_ ANEQ 360 Animal Meat Sci (F) 3

### 4A, C Capstone (2 courses – Req'd)

\_\_\_\_\_ ANEQ 470 Meat Proc Sys (F) 4  
 \_\_\_\_\_ ANEQ 472 Sheep Systems (S) 3  
 \_\_\_\_\_ ANEQ 473 Dairy Systems (F) 3  
 \_\_\_\_\_ ANEQ 474 Swine Systems (S) 3  
 \_\_\_\_\_ ANEQ 476 Feedlot Systems (S) 3  
 \_\_\_\_\_ ANEQ 478 Beef Systems (F) 3

### Applied (4 credits from 2 courses)

\_\_\_\_\_ ANEQ 300 courses var  
 \_\_\_\_\_ ANEQ 312 Animal Ultrasound 2  
 \_\_\_\_\_ ANEQ 322 or ANEQ 323 2  
 \_\_\_\_\_ ANEQ 352/353 Horse Eval 5  
 \_\_\_\_\_ ANEQ 354/355 Livestock Eval 4  
 \_\_\_\_\_ ANEQ 356/357 Dairy Eval 5  
 \_\_\_\_\_ ANEQ 361/362 Meat Prod Eval 4  
 \_\_\_\_\_ ANEQ 363/364 Wool & Fiber Eval 2  
 \_\_\_\_\_ ANEQ 384 Supv'd Coll Teach var  
 \_\_\_\_\_ ANEQ 495 Independent Study var  
 \_\_\_\_\_ ANEQ 496 Group Study var  
 \_\_\_\_\_ One Equine Applied Course var

### Experience (2 credits from 1 course)

\_\_\_\_\_ ANEQ 475 Travel Abroad 2  
 \_\_\_\_\_ ANEQ 487A Internship var  
 \_\_\_\_\_ Study Abroad var

**Minimum grade of "C" (2.0) is required for each of the ANEQ courses and for BMS300, VS313, and MIP315A**

## Advanced (6 credits from 2 courses)

\_\_\_\_\_ ANEQ 460 Meat Safety 2  
 \_\_\_\_\_ ANEQ 510 Bovine Repro Mgt 4  
 \_\_\_\_\_ ANEQ 522 Metabolism 3  
 \_\_\_\_\_ ANEQ 550A-B Res Surgery 2  
 \_\_\_\_\_ ANEQ 551 Necropsy 2  
 \_\_\_\_\_ ANEQ 565 Interp AN Sci Res 3  
 \_\_\_\_\_ ANEQ 567 HACCP Meat Safety 2  
 \_\_\_\_\_ ANEQ 575 Comp Bio AN Breed 3  
 \_\_\_\_\_ ANEQ 3<sup>rd</sup> Capstone 3

Any upper division courses from BC, BMS, MIP, or VS (Note – Course cannot be counted if used for Base Course Requirements).

\_\_\_\_\_ \_\_\_\_\_  
 \_\_\_\_\_ \_\_\_\_\_

### Business (15 credits – Required)

Select a total of 15 credits from any AREC or ECON course (except AREC202/ECON202) 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, MKT 305.

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### CSU – FAVCIP Requirements

\_\_\_\_\_ (2) ANEQ 487 Internships var  
 \_\_\_\_\_ BC 351 or BC 401 3-4  
 \_\_\_\_\_ Chem 111, 112, 113 & 114 9  
 \_\_\_\_\_ Chem 245/246 or 341/343/344 5/8  
 \_\_\_\_\_ PH 121 or 141 Physics 5  
 \_\_\_\_\_ STAT 301 or STAT 307 3  
 \_\_\_\_\_ SOCR 330, BZ 350 or MIP 450 3  
 \_\_\_\_\_ 12 crs Bus w/o computer course

Note: Must apply for FAVCIP status. For Vet School requirements see web site: <http://www.cvmb.colostate.edu/cvmb/pvmprom.htm>

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

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

## Typical 4-Year Animal Science Program

*Fall*

*Spring*

*Freshman*

AGRI 192	or AGRI 292	1
ANEQ 101	Food Animal Science	3
LIFE 102	Living Systems (CORE 3A)	4
MATH	Math (CORE 1B)	3
SELECT	Historical Perspective (CORE 3D)	3
SELECT	Global & Cult (CORE 3D)	<u>3</u>
		17

SELECT	Animal Science Applied Course	2
ANEQ 250	Live Animal & Carcass Eval	3
CHEM	Chemistry (CORE 3A)	5
CO 150	College Composition (CORE 1A)	3
AREC 202	Ag./Nat. Res Econ (CORE 3C)	<u>3</u>
		16

*Sophomore*

ANEQ 230	Farm Animal Anatomy	3
ANEQ 286	Livestock Practicum	2
SELECT	Statistics 301 or 307	3
SELECT	Business Elective	3
SELECT	Advanced Writing (CORE 2)	<u>3</u>
		14

SELECT	Business Elective	3
SELECT	Animal Sci Foundation Course	3
SOCR 320	Forage & Pasture Mgt.	3
ANEQ328	Genetics	3
SPCM 200	Public Speaking	<u>3</u>
		15

*Junior*

EXPERIENCE: Internship/Study Abroad/Travel Abroad (F, S, SS) Credits: Min 2 – Max 6
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SELECT	ANEQ 346, VS 313 or MIP 315a	3
SELECT	Animal Sci Foundation Course	3
SELECT	Arts & Hum (CORE 3B)	3
SELECT	Business Elective	3
SELECT	Electives	<u>3</u>
		15

SELECT	Animal Sci Advanced Course	3
SELECT	Animal Sci Applied Course	2
SELECT	Animal Sci Foundation Course	3
SELECT	Arts & Hum (CORE 3B)	3
SELECT	Electives	<u>4</u>
		15

*Senior*

SELECT	Animal Sci Capstone Course	3
SELECT	Animal Sci Advanced Course	3
SELECT	Business Elective	3
SELECT	Electives	<u>5</u>
		14

SELECT	Animal Sci Applied Course	3
SELECT	Animal Sci Capstone Course	3
SELECT	Business Elective	3
SELECT	Electives	<u>5</u>
		14