

Animal Science Check Sheet FALL 2014

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)

_____ _____

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 487A 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 250 Live Animal & Carcass
Eval 3
_____ ANEQ 286 Livestock Practicum 2
_____ ANEQ 305 A&P or BMS 300 3-4
_____ 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 ANSC Res 3
_____ ANEQ 567 HACCP Meat Safety 2
_____ ANEQ 575 Comp Bio AN Breed 3
_____ ANEQ 3rd 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.

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.cvmbs.colostate.edu/cvmbs/pvmp.html>

Student Signature _____ Date _____

Adviser Signature _____ Date _____
5/2014

Typical 4-Year Animal Science Program

Fall

Year 1

Spring

AGRI 192	or AGRI 292	1
AN EQ 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
AN EQ 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

Year 2

AN EQ 286	Livestock Practicum	2
AN EQ 305	Large Animal Anatomy/Physi	3
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
AN EQ 328	Genetics	3
SPCM 200	Public Speaking	<u>3</u>
		15

Year 3

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

SELECT	AN EQ 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

Year 4

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