

Animal Sciences/Equine Sciences Dual Major Check Sheet FALL 2012

Name: _____ PID: _____

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)

One Set Required

_____ CHEM 107/108 Fund Chem 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, Minimum grade of "C" (2.0) is required for each of the ANEQ courses and for BMS300.

Dual Program Minimum: 129 credits

Animal and Equine Sciences

_____ ANEQ 292 Eq Industry Sem. 1

Base Courses – Required

_____ ANEQ 101 Food Animal Sci 3

_____ ANEQ 102 Intro to Equine Sci (F) 4

_____ ANEQ 230 A&P or BMS 300 3-4

_____ ANEQ 250 Live Animal

& Carcass Evaluation 3

_____ ANEQ 286 Livestock Practicum 2

_____ SOCR 330, BZ 350 or MIP 450 3

_____ SOCR 320, RS300 3

_____ SPCM 200 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 334 Equine Genetics (S) 2

_____ ANEQ 344 Equine Repro (F) 4

_____ ANEQ 345 Equine Nutrition 3

_____ ANEQ 346 Equine Disease (F) 4

_____ ANEQ 360 Animal Meat Sci (F) 3

4A, C Capstone

2 courses Required

_____ ANEQ 470 Meat Systems 3

_____ ANEQ 472 Sheep Systems 3

_____ ANEQ 473 Dairy Systems 3

_____ ANEQ 474 Swine Systems 3

_____ ANEQ 476 Feedlot Systems 3

_____ ANEQ 478 Beef Systems 3

Required

_____ ANEQ 440 Equine Prod & Ind 3

Experience Required*

_____ ANEQ 475 Travel Abroad 2

_____ ANEQ 487 Equine Internship var

_____ Study Abroad var

*If internship is used, student must complete a minimum of 3 credits and must be split between food animal and equine.

Advanced (2 courses) – Required

One of the following:

_____ ANEQ 441 Integrated Equine Sci (F,SS) 2

_____ ANEQ 444 Equine Business Mgt. (S, SS) 2

One of the following:

_____ 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 HAACP Meat Safety 2

_____ ANEQ 575 Comp Bio AN Breed 3

_____ Any upper division courses from BMS, MIP, or VS (Note – Course cannot be counted if used for Base Course Requirements). 3-4

Applied (8 credits, 4 courses: 2 Food

Animal and 2 Equine courses) –

Required

_____ ANEQ 202 Safety: Horse Handle (F) 1

_____ ANEQ 203 Equine Management (S) 2

_____ ANEQ 249 Intro to Trail Riding 1

_____ ANEQ 300 courses var

_____ ANEQ 312 Animal Ultrasound 2

_____ ANEQ 315 Equine Behavior (S) 2

_____ ANEQ 322 or ANEQ 323 2

_____ ANEQ 325 Equine Ex. Phys (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 Adv Horse Eval (F) 3

_____ ANEQ 358 Eq. Event & Sales Mgt.(F) 2

_____ ANEQ 359 Equine Sales Prod. (S) 2

_____ ANEQ 386B Eq Repro Mgt (S) 2

_____ ANEQ 386C Farrier Pract (S) 1

_____ ANEQ 442 Riding Inst Train 2

_____ ANEQ 443 Appl. Equine Nutr. (S) 2

_____ ANEQ 445 Foaling Mgt (S) 2

_____ 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/SOCR 448 Manure Mgt 3

_____ ANEQ 495 Independent Study var

_____ ANEQ 496 Group Study var

Business (15 credits) – Required

Select a total of 15 credits from any AREC or ECON course (except AREC 202/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, MKT 305

Student Signature _____ Date _____

Animal Sciences Advisor Signature _____ Date _____

Equine Sciences Advisor Signature _____ Date _____

Typical 4-Year Animal/Equine Sciences Dual Program

Fall

Spring

Freshman

| | | |
|----------|----------------------------------|----------|
| ANEQ 102 | Intro to Equine Sciences | 4 |
| ANEQ 101 | Food Animal Sciences | 3 |
| LIFE 102 | Living Systems (CORE 3A) | 4 |
| MATH | Math (CORE 1B) | 2 |
| SELECT | Historical Perspective (CORE 3D) | <u>3</u> |
| | | 16 |

| | | |
|----------|-------------------------------|----------|
| ANEQ 292 | Equine Industry Seminar | 1 |
| ANEQ 286 | Livestock Practicum | 2 |
| ANEQ 250 | Live Animal & Carcass Eval | 3 |
| SELECT | Chemistry (CORE 3A) | 5 |
| MATH | Math (CORE 1B) | 1 |
| CO 150 | College Composition (CORE 1A) | <u>3</u> |
| | | 15 |

Sophomore

| | | |
|----------|------------------------------|----------|
| ANEQ 230 | Farm Animal Anatomy | 3 |
| SELECT | Animal/Equine Applied Course | 2 |
| SELECT | Statistics 301 or 307 | 3 |
| AREC 202 | Ag/Nat Res Economics | 3 |
| SELECT | Advanced Writing (CORE 2) | 3 |
| SPCM 200 | Public Speaking | <u>3</u> |
| | | 17 |

| | | |
|----------|---------------------------------|----------|
| SELECT | Arts & Hum (CORE 3B) | 3 |
| SELECT | Business Elective | 3 |
| SELECT | Animal/Equine Foundation Course | 4 |
| SOCR 320 | Forage & Pasture Mgt. | 3 |
| SOCR 330 | Genetics | <u>3</u> |
| | | 16 |

Junior

EXPERIENCE: Internship/Study Abroad/Travel Abroad (F, S, SS) Minimum 3 credits, Maximum 6 credits

| | | |
|--------|---------------------------------|----------|
| SELECT | Animal/Equine Foundation Course | 3 |
| SELECT | Animal/Equine Foundation Course | 4 |
| SELECT | Animal/Equine Foundation Course | 4 |
| SELECT | Business Elective | 3 |
| SELECT | Animal/Equine Applied Course | <u>2</u> |
| | | 16 |

| | | |
|--------|---------------------------------|----------|
| SELECT | Animal/Equine Foundation Course | 4 |
| SELECT | Animal/Equine Foundation Course | 2 |
| SELECT | Animal/Equine Foundation Course | 3 |
| SELECT | Animal/Equine Foundation Course | 3 |
| SELECT | Animal/Equine Applied Course | 2 |
| SELECT | Arts & Hum (CORE 3B) | <u>3</u> |
| | | 17 |

Senior

| | | |
|--------|----------------------------|----------|
| SELECT | Experience Course | 3 |
| SELECT | Animal Sci Capstone Course | 3 |
| SELECT | Advanced Course | 3 |
| SELECT | Business Elective | 3 |
| SELECT | Advanced Course | 2 |
| SELECT | Business Elective | <u>3</u> |
| | | 17 |

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|---------|--------------------------------|----------|
| ANEQ440 | Equine Production and Industry | 3 |
| SELECT | Animal/Equine Applied Course | 2-3 |
| SELECT | Animal Sci Capstone Course | 3 |
| SELECT | Business Elective | 3 |
| SELECT | Global & Cult (CORE 3E) | <u>3</u> |
| | | 14-15 |

Credit Limits for Graduation

ANEQ 352-357 & 361-364 Judging (5crs), ANEQ 384 Supv'd College Teach (6crs), ANEQ 487 Internship (6crs), ANEQ 495 Independent Study (6 crs), ANEQ 496 Group Study (6crs) - A combined maximum of 12 credits of these courses may be counted toward graduation.

CSU Vet School Requirements

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

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.