

REQUIREMENTS for BACHELOR OF SCIENCE DEGREE

| <u>Core ANSC Courses</u> | | <u>Semester</u> | <u>Credit</u> | <u>Completed</u> |
|--------------------------|---|-----------------|---------------|------------------|
| ANSC 1120 | Intro to Animal Science | (F, S) | 4 | _____ |
| ANSC 1110 | ANSC Career Development | (S) | 1 | _____ |
| ANSC 303 | Livestock, Meat & Wool | (F) | | _____ |
| | Evaluation <u>OR</u> ANSC 308 Horse Judging (S) | | 4 | _____ |
| ANSC 304 | Feeds & Feeding | (F,S) | 3 | _____ |
| ANSC 370 | Anatomy & Physiology | (F) | 4 | _____ |
| ANSC 402 | Seminar | (F,S) | 1 | _____ |
| ANSC 421 | Physiology of Reproduction | (S) | 4 | _____ |
| ANSC 422 | Animal Nutrition | (F) | 3 | _____ |
| ANSC 423 | Animal Breeding | (F) | 3 | _____ |

AG Elective Choose 6 credits

| | | | | |
|--------------------------------------|------------------------------|----------------------------------|---|-------|
| RGSC 2110 | Range Management | | 3 | _____ |
| ANSC 1160 | Introductory Horse Science | (F) | 3 | _____ |
| ANSC 1180 | Companion Animals in Society | (F) | 3 | _____ |
| ANSC 1140 | Intro to Dairy Science | (F, S) | 3 | _____ |
| ANSC 2310 | Intro to Meat Science | | 3 | _____ |
| ANSC 301 | Animal & Carcass Evaluation | (F,S) | 3 | _____ |
| ANSC Experience (Total of 3 credits) | | | | |
| | ANSC 390 | Internship (1-3 credits for S/U) | | _____ |
| | ANSC 391 | Research (1-3 credits) | | _____ |
| | ANSC 392 | Teaching/Extension (1-3 credits) | | _____ |

Other Required Courses

| | | | | |
|-------|-------|---|---|-------|
| *Biol | 2610G | Principles of Biology & Lab | 4 | _____ |
| *Chem | 1215G | General Chemistry I | 4 | _____ |
| *Econ | 1110G | Survey of Economics (or Econ 2110G or Econ 2120G) | 3 | _____ |
| A ST | 311 G | Statistical Applications | 3 | _____ |

GENERAL EDUCATION Requirements

Area I - Communications

| | | | | |
|------|---------------------------------|--|---|-------|
| Engl | 1110G | Freshman Composition | 4 | _____ |
| Engl | 2210G, 2221G, 2210G, 311G, 318G | (Take 3 credits) | 3 | _____ |
| | | • recommend Engl 2210 | | |
| Comm | 1115G | Principles of Human Communication <u>OR</u> Axed 2120G Effective leadership & Communication | 3 | _____ |

Area II - Mathematics

| | | | | |
|------|-----------------------------------|--------------------------------------|---|-------|
| Math | 2134G, 1130G, 1220G, 1430G, 1511G | (Take 3 credits) | 3 | _____ |
| | | • Dept. requires Math 1220G or 1511G | | |

Area III/IV –Laboratory Sciences and Social/Behavioral Sciences

| | | | | |
|--|--|--|-----|-------|
| | | • Students must take one course from both area III & IV for a total of 7 credits | 7 | _____ |
| | | Additional course in either area III or IV | 3-4 | _____ |
| | | • Recommend Biol 2610&L, Chem 1216&L, Econ G | | |

Area V - Humanities

| | | | | |
|--|--|--|---|-------|
| | | | 3 | _____ |
|--|--|--|---|-------|

Area VI -Creative & Fine Arts

| | | | | |
|--|--|--|---|-------|
| | | | 3 | _____ |
|--|--|--|---|-------|

General Education Elective

| | | | | |
|--|--|---|-----|-------|
| | | • Students must complete a GE elective requirement which may be out of any area except area I | 3-4 | _____ |
|--|--|---|-----|-------|

| | | | | |
|--|--|--|--|--|
| | | • Recommend for Science option Chem 1226&L | | |
|--|--|--|--|--|

See catalog for complete listing of General Education courses in each Area

VIEWING A WIDER WORLD

(Take 2 courses = 6 hrs)

6

Students are required to take two courses from the **Viewing a Wider World list in the Undergraduate Catalog** which are upper-division (300-400 level) General Education "V" courses. One of the two courses must be in a college other than their own. The other course may be taken within their home college, but this course (1) must be in a different department from their major department; (2) must not be cross-listed with a course in their home department; and (3) cannot be counted as one of the requirements for the student's major.

*Starred courses are also general education course choices

Production Electives (Science Option 6 credits) (Industry Option 9 credits)

| | | | | |
|----------|---------------------------|----------|---|-------|
| ANSC 424 | Swine Production | (F) | 3 | _____ |
| ANSC 425 | Horse Production | (S) | 3 | _____ |
| ANSC 426 | Beef Production: Cow/Calf | (S) | 3 | _____ |
| ANSC 427 | Dairy Production | (S even) | 3 | _____ |
| ANSC 428 | Sheep & Wool Production | (S odd) | 3 | _____ |
| ANSC 429 | Beef Production: Feedlot | (F) | 3 | _____ |
| ANSC 468 | Clovis Dairy Consortium | Summer | 3 | _____ |

Science Option

| | | | | |
|------------|--|-------|---|-------|
| Biol 2110G | & Lab Cell Biology | | 4 | _____ |
| Chem 1225 | Principles of Chemistry II | | 4 | _____ |
| Chem 2115 | Organic Chemistry II (or CHEM 313, 314/315)* | | 4 | _____ |
| BCHE 395 | Biological Chemistry | | 3 | _____ |
| ANSC 305 | Principles of Genetics | (F,S) | 3 | _____ |

Designated Electives Area I (At least one)

| | | | | |
|------------|-----------------------------------|--|---|-------|
| Math 1511G | Calculus & Analytical Geometry I | | 3 | _____ |
| Math 1521G | Calculus & Analytical Geometry II | | 3 | _____ |
| Phys 1230G | General Physics I | | | |
| | 1230L | | 4 | _____ |
| Phys 1240G | General Physics II | | | |
| | 1240L | | 4 | _____ |

Designated Electives Area II (At least one)

| | | | | |
|---|-------------------------------------|------------|---|-------|
| ANSC 462 | Parasitology | | 3 | _____ |
| ANSC 480 | Env. Physiology of Domestic Animals | (Fall odd) | 3 | _____ |
| ANSC 484 | Ruminant Nutrition | | 3 | _____ |
| Tox 361 | Basic Toxicology | | 3 | _____ |
| OR any BIOL course numbered 300 and above (except BIOL 305) | | | 3 | _____ |

Industry Option

| | | | | |
|-----------|------------------------------------|-----|---|-------|
| ANSC 2330 | Intro to Meat Animal Production | (S) | 3 | _____ |
| ANSC 2340 | Animal Genetics | (F) | 3 | _____ |
| ANSC 1170 | Animal Metabolism | (S) | 3 | _____ |
| ANSC 325 | Mastering Financial Ag Statements | (S) | | |
| OR | AEEC 2120 Intro food Ag Accounting | (F) | 3 | _____ |

Ranch Mgt Electives (9 credits)

| | | | | |
|----------|--|------------|---|-------|
| ANSC 383 | Equine Repro Management | (S) | 3 | _____ |
| ANSC 480 | Env. Physiology of Domestic Animals | (Fall odd) | 3 | _____ |
| ANSC 488 | Equine Nut. & Exercise Phys. | (F) | 3 | _____ |
| RGSC 318 | Watershed Management | | 3 | _____ |
| RGSC 325 | Rangeland Restoration Ecology | | 3 | _____ |
| RGSC 316 | Range Plants | | 3 | _____ |
| RGSC 458 | Livestock Behavior, Welfare and Handling | (S) | 3 | _____ |
| AEEC 250 | Tech & Comm for Business Mgt | | 3 | _____ |
| AEEC 350 | Adv. Microcomputer App. In Ag. | | 3 | _____ |

Business Electives (3 credits)

| | | | | |
|-----------|--------------------------------------|--|---|-------|
| ACCT 2110 | Managerial Accounting | | 3 | _____ |
| AEEC 305 | Marketing and Pricing of Ag Products | | 3 | _____ |
| AEEC 456 | Agribusiness Mgt | | 3 | _____ |
| MGT 361 | Small Business Mgt | | 3 | _____ |
| MKT 312 | Personal Selling | | 3 | _____ |

* Or any ACCT, BUSA, MGT, MKTG numbered 300 and above that are NOT VWW courses

120 CREDITS ARE NEEDED TO GRADUATE

48 Credits must be from courses numbered 300 or higher

35 Credits must be from the College of Agriculture & Home Economics