

## REQUIREMENTS for BACHELOR OF SCIENCE DEGREE

<b>Core ANSC Courses</b>		<b>Semester</b>	<b>Credit</b>	<b>Completed</b>
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	(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>	3	_____
	ACOM 1130G	Effective leadership & Communication		

#### **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	_____
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#### **Area VI - Creative & Fine Arts**

			3	_____
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#### **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 1225&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 313	314/315 Organic Chemistry series		8	_____
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		3	_____
	1230L		4	_____
Phys 1240G	General Physics II		3	_____
	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)	3	_____
OR	AEEC 2120 Intro food Ag Accounting	(F)	3	_____
OR	ACCT 2110 Managerial Accounting		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)**

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