

BS: AGRIBUSINESS DEGREE PLAN (AGRB)	
UNIVERSITY REQUIREMENTS	
Please see the <i>University Requirements</i> section of this catalog (page 38).	
MAJOR REQUIREMENTS	
Agricultural and Environmental Sciences Core	
AENV 110 Intro. to Ag. and Envr. Syst. and Tech	3
ANSC 111 General Animal Science	3
ENVR 112 Plant Science	3
ENVR 233 Soil Science	3
TOTAL	12
Agribusiness	
AGRB 261 Principles of Agricultural and Applied Economics (3) ¹	3
AGRB 382 Agribusiness Management	3
ACCT 210 Financial Accounting	3
ACCT 211 Managerial Accounting	3
BLAW 363 Legal Environment of Business	3
ENVR 410 Environmental Law and Policy	3
6 hours advanced ANSC, or ENVR	15
TOTAL	30
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	
SUPPLEMENT FOR MAJOR	
Business	
ECON 260 Principles of Macroeconomics	3
FIN 310 Financial Management	3
IS 322 Business Statistics	3
MGMT 330 Management and Organizational Behavior	3
MGMT 331 Operations Management	3
MGMT 439 Strategic Management (writing-intensive course)	3
MKTG 320 Principles of Marketing	3
Mathematics	
MATH 130 Finite Math for Applications	(3) ¹
Science Core	
BIOL 112 General Biology I	(3) ¹
BIOL 114 General Biology I Lab	1
or	
BIOL 113 General Biology II	(3) ¹
BIOL 115 General Biology II Lab	1
and	
CHEM 113 Introductory Chemistry	(3) ¹
CHEM 111 Introductory Chemistry Lab	1
POLS 225	(3) ¹
TOTAL	23
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	
ELECTIVES	
Minimum	7
TOTAL MAJOR HOURS	72
OTHER GRADUATION REQUIREMENTS	
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
Courses numbered 0** do not count in	

Deleted: AGRB 385 Food and Fiber Marketing 3
 AGRB 430 Commodity Markets 3
 AGRB 442 Agricultural and Natural Resource Policy (writing intensive course) 3

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minimum hours required for degree.

BS: ANIMAL SCIENCE DEGREE PLAN (ANSC)	
UNIVERSITY REQUIREMENTS	
Please see the University Requirements section of this catalog (page 38).	
MAJOR REQUIREMENTS	
Agricultural and Environmental Sciences Core	
AENV 110 Intro. to Ag. and Envr. Syst. and Tech	3
ANSC 111 General Animal Science	3
ENVR 112 Plant Science	3
ENVR 233 Soil Science	3
Total	12
Animal Science Core	
AGRB 261 Principles of Agricultural and Applied Economics (3) ¹	
AGRB 382 Agribusiness Management	3
ANSC 336 Animal Nutrition	3
ANSC 343 Animal Reproduction	3
ANSC 392 Animal Health	3
ANSC 496 Animal Breeding	3
ANSC 497 Special Problems in Animal Science (writing-intensive course)	3
Total	18
Kinesiology (LM and PVH use ANSC 360 for 1 hour of PEAC activity) (1) ¹	
Mathematics	
MATH 123 Intro to Probability and Statistics (BI and LM) or MATH 124 Precalculus II (BR) or MATH 185 Calculus I (PVH)	(3) ¹
Science Requirements	
BIOL 112 General Biology I	(3) ¹
BIOL 114 General Biology I Lab	1
BIOL 113/115 General Biology II Lecture/Lab	4
BIOL 351 Genetics	3
CHEM 113 Introductory Chemistry (BI and LM) or CHEM 133 General Chemistry I (BR and PVH)	(3) ¹
TOTAL	38
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	
ANIMAL INDUSTRY AND BUSINESS TRACK (BI)	
ANSC 337 Animal Nutrition Lab	1
ANSC 345 Techniques in Animal Production	1
<u>MKTG 320 Principles of Marketing</u>	<u>3</u>
<u>FIN 416 Personal Financial Planning</u>	<u>3</u>

Deleted: AGRB 385 Food and Fiber Marketing
3¹
AGRB 430 Commodity Markets . 3¹

Choose two from the following:	6
ANSC 235 Companion Animal Management	
ANSC 363 Monogastric Livestock Production	
ANSC 483 Ruminant Livestock Production	
Choose one from the following:	3
AENV 371 Experimental Design and Data Analysis	
ENVR 350 Rangeland Ecology	
TOTAL	17
SUPPLEMENT FOR MAJOR (BI TRACK)	
ACCT 210 Financial Accounting	3
ACCT 211 Managerial Accounting	3
CHEM 111 Introductory Chemistry Lab	1
CHEM 112/114 Introductory Organic and Biological Chemistry Lecture/Lab	4
TOTAL	11
BIOTECHNOLOGY AND RESEARCH TRACK (BR)	
AENV 371 Experimental Designs and Data Analysis	3
ANSC 337 Animal Nutrition Lab	1
ANSC 431 Animal Biotechnology	3
Recommended Emphases (choose one):	
Biotechnology Emphasis (8 hours)	
BIOL 312 Cell Biology	3
BIOL 475 Molecular Genetics	3
BIOL 476 Biotechnology Lab	2
Research Emphasis (7 hours)	
ANSC 345 Techniques in Animal Production	1
Choose two from the following:	6
ANSC 235 Companion Animal Management	
ANSC 363 Monogastric Livestock Production	
ANSC 483 Ruminant Livestock Production	
ENVR 350 Rangeland Management	
TOTAL	14-15
SUPPLEMENT FOR MAJOR (BR TRACK)	
CHEM 131 General Chemistry Lab	1
CHEM 132/134 General Chemistry II Lecture/Lab	4
CHEM 221/223 Organic Chemistry I Lecture/Lab	4
CHEM 322/324 Organic Chemistry II Lecture/Lab	4
TOTAL	13
LIVESTOCK MANAGEMENT TRACK (LM)	
ANSC 337 Animal Nutrition Lab	1
ANSC 345 Techniques in Animal Production	1
ANSC 483 Ruminant Livestock Production	3
ENVR 350 Rangeland Ecology	3
Recommended Emphases (choose one):	
Animal Production Emphasis (14 hours)	
ANSC 235 Companion Animal Management	3
ANSC 360 Horses and Horsemanship	2
ANSC 363 Monogastric Livestock Production	3
Choose two from the following:	6
AENV 371 Experimental Designs and Data Analysis	
AGRB 385 Food and Fiber Marketing or	
AGRB 430 Commodity Markets	
ANSC 431 Animal Biotechnology	
Rangeland Ecology Emphasis (13 hours)	
ENVR 345 Rangeland Plants	3
ENVR 354 Range Science	3
ENVR 455 Wildlife Ecology	4
Choose one from the following:	3

Deleted: AGRB 442 Agricultural and Natural Resource Policy¶

AENV 371 Experimental Designs and Data Analysis	
AGRB 442 Agricultural and Natural Resource Policy	
ANSC 235 Companion Animal Management	
ANSC 363 Monogastric Livestock Production	
ENVR 341 Water Resources	
TOTAL	21-22
SUPPLEMENT FOR MAJOR (LM TRACK)	
CHEM 111 Introductory Chemistry Lab	1
CHEM 112/114 Introductory Organic and Biological Chemistry Lecture/Lab	4
TOTAL	5
PRE-VETERINARY MEDICINE AND HEALTH TRACK (PVH)	
ANSC 235 Companion Animal Management	3
ANSC 360 Horses and Horsemanship	2
TOTAL	5
SUPPLEMENT FOR MAJOR (PVH TRACK)	
BIOL 355/357 Microbiology I Lecture/Lab	4
CHEM 131 General Chemistry Lab	1
CHEM 132/134 General Chemistry II Lecture/Lab	4
CHEM 221/223 Organic Chemistry I Lecture/Lab	4
CHEM 322/324 Organic Chemistry II Lecture/Lab	4
CHEM 453 Biochemistry I	3
CHEM 454 Biochemistry II	3
TOTAL	23
ELECTIVES	
Minimum (BI Track)	6
Minimum (BR Track)	6-7
Minimum (LM Track)	7-8
Minimum (PVH Track)	6
TOTAL MAJOR HOURS	72
OTHER GRADUATION REQUIREMENTS	
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
<i>Courses numbered 0** do not count in minimum hours required for degree.</i>	