

**ANIMAL SCIENCES MAJOR
SCIENCE OPTION
124 Total Credits Required**

FIRST SEMESTER	CREDITS	SECOND SEMESTER	CREDITS
BIOL 110 - Biology Conc Biod (GN)	4	CHEM 112 - Chem Princ (GN)	3
Arts selection (GA)	3	CHEM 113 - Exper Chem (GN)	1
CHEM 110 - Chem Princ (GN)	3	ENGL 015 - Rhetoric & Comp (GWS) or	
CHEM 111 - Exper Chem (GN)	1	ENGL 030 - Honors Fresh Comp (GWS)	3
First-Year Seminar (S)	1	AG BM 101 – Econ Prin Agribus (GS) or	
Quantification selection (GQ)	<u>3-4^a</u>	ECON 002 – Micro Anly (GS)	3
	15-16	Elective	0-2
		Quantification selection (GQ)	<u>2-4^b</u>
			12-16
THIRD SEMESTER	CREDITS	FOURTH SEMESTER	CREDITS
▼ AN SC 201 *	4	▼ AN SC 300 (GN)*	3
▼ AN SC 290W	1	BIOL 220W - Biology Pop Comm (GN),	
▼ AN SC 207, 208*	3	BIOL 230W - Biology Mol Cells (GN), or	
Humanities selection (GH)	3	BIOL 240W - Biol Func Dev Org (GN)	4
CHEM 202 - Organic Chem	3	CHEM 203 - Organic Chem	3
Health and Physical Activity (GHA)	<u>1.5</u>	Social and Behavioral Sciences selection (GS)	3
	15.5	CAS 100 - Effective Speech (GWS)	<u>3</u>
			16
FIFTH SEMESTER	CREDITS	SIXTH SEMESTER	CREDITS
▼ AN SC 301 *	3	AGRO 028 - Prin Crop Mgmt or	
▼ AN SC 305*, 306*, 308*, 309*, 310*, 311*, 324* or 327*	2-4	SOILS 101 - Introductory Soils or	
▼ AN SC 322, BIOL 222-Genetics, or		AN SC 213	3
BIOL 033 - Gent Evol Humans	3 ^c	B M B 221 - Applied Biochem	2
B M B 211 - Elem Biochemistry	3	Health and Physical Activity (GHA)	1.5
B M B 212 - Elem Biochem Lab	1	MICRB 201 - Intro Microbiology	3
Elective	<u>1-4^d</u>	MICRB 202 - Intro Micro Lab	2
	13-18	PHYS 250 - Intro Phys (GN)	<u>4</u>
			15.5
SEVENTH SEMESTER	CREDITS	EIGHTH SEMESTER	CREDITS
▼ AN SC 400	1	▼ AN SC 423	3
▼ AN SC 306, 308, 309, 405, 407, 410, 411 or 413	3-4	Arts selection (GA)	3
▼ AN SC 431W	4	Supporting courses	5-7 ^e
Elective	0-4 ^d	Communication Skills selection	<u>3-5^f</u>
ENGL 202 selection (GWS)	3 ^g		14-18
Humanities selection (GH)	<u>3</u>		
	12-19		

^a Required to complete one of the following: MATH 021 GQ(3), 022 GQ(3), 110 GQ(4), or 140 GQ(4); recommend MATH 110 GQ(4) or 140 GQ(4).

^b Required to complete one of the following: CMPSC 101 GQ(3), 203 GQ(4), MATH 022 GQ(3), 111 GQ(2), 141 GQ(4), STAT 100 GQ(3), 200 GQ(4), or 250 GQ(3).

^c Recommend BIOL 222 for students planning to enroll in veterinary school.

^d PHYS 251 is required for admission to veterinary school; students with a poultry interest are encouraged to schedule AN SC 211; students interested in meats or livestock judging should enroll in AN SC 324; students interested in horse judging should enroll in AN SC 417.

^e Required to complete 5-7 credits of the following in addition to major requirements (Courses that fulfill major requirements do not count in this area): AN SC 405(3), 407(3), 410(4), 411(3), 413(3), 414(3), 419W(3), 420(4), 425(3), 427(3), 432(2), 442(3), 450(3), FD SC 408(2), 409W(3), 415(3), and VB SC 402 (3), 405 (3), 420 (3), 423W (3); WFS 407(3), 408(3), 430(3), 447W(3), 460(3).

^f Required to complete one of the following: ENGL50 (GA), 210, 212, 213, 215, any foreign language (001-003), SPAN 105, CAS 212, 213, 250, 352, AEE 330W, 360, 440, AN SC 417 and 426, or AN SC 421 and 426, or AN SC 422 and 426, or AN SC 424 and 426. (AN SC courses cannot count as supporting production courses and fulfill communication skills requirement)

^g Recommend ENGL 202C GWS, Technical Writing

* A grade of C or higher is required to graduate (16 credits) - Senate Policy 82 - 44.

▼ Course titles available on the semester schedule of Animal Science courses offered.