

Sample 4-year plan: ANSC - Science/Pre-Professional [0104E]

Year 1	Fall	Cr	Spring	Cr
<p>1. These courses are required early and/or are prerequisites for courses in the major.</p> <p>2. Increase your credit flexibility by selecting a CORE (HA/HL/HO/SH) that also satisfies CORE Diversity.</p>	ANSC101 ¹ Principles of Animal Science	3	BSCI105 ¹ Principles of Biology I	4
	MATH 113 or 115 ¹ College Algebra with Applications	3	CHEM 231/232 Organic Chemistry and lab	4
	CHEM 131/132 ¹ Fundamentals of General Chemistry and Lab	4	MATH 220 or 140 Calculus	3 -4
	ENGL101 ¹ Introduction to Writing	3	AREC 250or ECON 200 Elements of Agriculture and Resource Economics	3-4
		13		14-16
Year 2	Fall	Cr	Spring	Cr
	CHEM 241/242 Organic Chemistry II and Lab	4	CHEM 271/272 General Chemistry and Energetics	4
	ANSC 211 Anatomy of Domestic Animals	3	ANSC 212/214 Applied Animal Physiology	4
	CORE (D) ²	3	CORE (HA/HL/HO/SH) ²	3
	BSCI 106	4	CORE (HA/HL/HO/SH) ²	3
			Elective	3
		14		17

Year 3	Fall	Cr	Spring	Cr
	ANSC 314 Comparative Animal Nutrition	3	ANSC 315 Applied Animal Nutrition	3
	BSCI 223 General Microbiology	4	ANSC 327 Molecular and Quantitative Animal Genetics	3
	ANSC 220 or other mgmt Livestock Management	3	CORE Professional Writing	3
	PHYS 121 Fundamentals of Physics	4	CORE SB	3
			BCHM 463 (461)BSCI 230 Cell Biology and Physiology	3-4
			ANSC 397 or 398 (seminar)	1
		14		16
Year 4	Fall	Cr	Spring	Cr
3. 9 credits Adv. ANSC courses required ----- This is a 120-credit degree track, although your choice of courses, substitutions, or additions may result in more.	ANSC 446/447 ³ Physiology of mammalian Reproduction	4	ANSC 420 (CORE AS) ³ Animal Production Systems	4-3
	BIOM 301 (CORE AS) Introduction to Biometrics	3	CORE (HA/HL/HO/SH) ²	3
	CORE (HA/HL/HO/SH) ²	3	PHYS 122 Fundamentals of Physics II	4
	Elective	3	Elective	3
	ANSC 444 ³ Domestic Animal Endocrinology	3	Elective	3
		16		16-17

[Ver. 6/13/05]