

Name:	UDID:	Phone:
Catalog Date:	Concentration (required):	Minor(s):

ANS Department Requirements for All Concentrations

ANSC 165	Freshman Experience	1	
BISC 207	Intro Biology I	4	
BISC 208	Intro Biology II	4	
ANSC 101	Intro Animal Science	3	
ANSC 111	Intro Animal. Science Lab	1	
ANSC 140	Functional Anatomy	4	
ANSC 251	Animal Nutrition	3	
ANSC 252	Nutrition Lab	1	
ANSC 265	Sophomore Seminar	1	
ANSC 300	Principles of Genetics	3	
ANSC 332	Animal Diseases	3	
ANSC 4__	_____ Production	4	

Applied ANS Concentration additional courses

MATH 115	Pre Calculus	3	
CHEM 101 or 103	General Chemistry	4	
CHEM 102 or 104	General Chemistry	4	
CHEM 213	Elementary Organic	4	
CHEM 214	Elementary Biochemistry	3	
CHEM 216	Elementary Biochemistry Lab	1	
*ENWC 205	Elements of Entomology	3	
*FREC 150	Economics of Ag & NR	3	
*PLSC 151	Intro to Crop Science	3	
*PLSC 204	Intro to Soil Science	3	
ANSC 445, 441, 442 or BISC 306	Physiology course	3	
ANSC 4__	_____ Production (2 nd production course)	4	
ANSC ____	ANSC Elective(s)	0-3	

*Can be used to fill Ag & Bio Sciences Requirement as well.

Pre-Vet Concentration additional courses

ANSC 310	Genetics Lab	1	
ANSC 445	Comparative Physiology	3	
ANSC ____	ANSC Elective	3	
MATH 221	Calculus	3	
BISC 300	Intro to Microbiology	4	
CHEM 103	General Chemistry	4	
CHEM 104	General Chemistry	4	
CHEM 321	Organic Chemistry	4	
CHEM 322	Organic Chemistry	4	
CHEM 214/216, 527, or 641/642	Biochemistry	3-6	
PHYS 201	Intro Physics I	4	
PHYS 202	Intro Physics II	4	

General ANS Concentration additional courses

MATH 115	Pre-Calculus	3	
CHEM 101 or 103	General Chemistry	4	
CHEM 102 or 104	General Chemistry	4	
ANSC 445, 441, 442 or BISC 306	Physiology	3-4	
ANSC ____	ANSC Elective(s)	4-7	

Animal Biotech Concentration additional courses

ANSC 270	Biotech: Science/Socio	3	
ANSC 310	Genetics Lab	1	
ANSC 445, 436 or BISC 300	Specialty course: physiol., immunol. or microbiol.	3-4	
ANSC 466	Approved Research	3	
ANSC 470	Molecular Genetics	3	
MATH 221	Calculus	3	
BISC 401	Molecular Biology	4	
CHEM 103	General Chemistry	4	
CHEM 104	General Chemistry	4	
CHEM 321	Organic Chemistry	4	
CHEM 322	Organic Chemistry	4	
CHEM 214/216, 527, or 641/642	Biochemistry	3-6	
PHYS 201	Intro Physics I	4	

