

ANSC Electives

Catalog Course Descriptions: [ANSC](#) [SAAS](#) [GRAD](#)

Course/Combined	Title	Credits	Semester
ANSC 1602/SAAS 202	Behavior and Training of Domestic Animals	3	Spring
ANSC 1645	The Science of Food	3	Spring, Summer
ANSC 1676/SAAS 276	Introduction to Companion Animals	3	Spring
ANSC 1693	Foreign Studies in Animal Science	1-15	Varies
ANSC 1695	Special Topics	1-3	Varies
ANSC 2690	Animal Science Field Excursions	1	Varies
ANSC 2695	Special Topics	1-6	Varies
ANSC 2699	Independent Study	1-6	Fall, Spring, Summer
ANSC 3318/ANSC 5618	Probiotics and Prebiotics	3	Fall
ANSC 3452/SAAS 252	Horse Breeding Farm Management	3	Spring
ANSC 3453	Pleasure Horse Appreciation and Use	1	Fall, Spring
ANSC 3454/SAAS 254*	Horse Selection and Evaluation	2	Varies
ANSC 3455	Developing the Driving Horse	2	Fall
ANSC 3457	Advanced Broodmare and Foal Management	2	Spring
ANSC 3551	Equine Training I – Foundations	2	Fall, Spring
ANSC 3552	Equine Training II - Backing	2	Spring
ANSC 3553	Equine Training III - Advanced	2	Fall, Spring
ANSC 3663	Dairy Management Decision-making	1	Fall, Spring
ANSC 3664	Dairy Cattle Evaluation	1	Spring
ANSC 3674/SAAS 274	Livestock and Carcass Evaluation	2	Spring
ANSC 3675/SAAS 275	Advanced Animal and Product Evaluation	1	Fall
ANSC 3681	Summer Internship Experience	0	Summer
ANSC 3691	Professional Internship	1-15	Varies
ANSC 3693	Foreign Studies in Animal Science	1-15	Varies
ANSC 3695	Special Topics	1-6	Varies
ANSC 3698	Variable Topics	1-6	Varies
ANSC 4343	Muscle Biology and Food Chemistry	3	Fall
ANSC 4457/SAAS 257	Methods of Equine Instruction	2	Spring
ANSC 4642	Food Microbiology Laboratory	1	Varies

*Not an elective course

SAAS Electives

Course/Combined	Title	Credits	Semester
SAAS 202/ANSC 1602	Behavior and Training of Domestic Animals	3	Spring
SAAS 243/ANSC 3343*	Animal Food Products	3	Fall, Summer
SAAS 251/ANSC 2251*	Horse Science	3	Fall, Spring
SAAS 252/ANSC 3452	Management of Horse Breeding Farm	3	Spring
SAAS 256	Light Horse Training and Management	2	Fall
SAAS 257/ANSC 4457	Methods of Equitation Instruction	2	Spring
SAAS 261/ANSC 3261*	Dairy Herd Management	3	Fall
SAAS 262	Applied Dairy Herd Management	3	Spring
SAAS 271	Introduction to the Poultry Industry	3	Spring
SAAS 272	Sustainable Animal Management	3	Fall
SAAS 273/ANSC 3273*	Livestock Production	4	Fall
SAAS 274/ANSC 3674	Livestock and Carcass Evaluation	2	Spring
SAAS 275/ANSC 3675	Advanced Animal and Product Evaluation	1	Fall
SAAS 276/ANSC 1676	Introduction to Companion Animals	3	Spring
SAAS 291	Professional Internship	1-6	Varies
SAAS 294/ANSC 3194*	Seminar	1	Spring
SAAS 295	Special Topics	1	Varies
SAAS 299	Independent Study	1-6	Varies
SAAS 358	Management Skills and Practices – Horses	1	Fall, Spring
SAAS 363	Management Skills and Practices – Dairy I	1	Fall
SAAS 364	Management Skills and Practices – Dairy II	1	Spring
SAAS 373	Management Skills and Practices – Livestock	1	Fall, Spring
SAAS 375	Management Skills and Practices – Poultry	1	Fall, Spring

**Not an elective course*

GRAD Electives

Students will need permission from the instructor to enroll in the following graduate course electives

Course/Combined	Title	Credits	Semester
ANSC 5601	Experimental Design in Animal Science	3	Fall
ANSC 5613/ANSC 3313*	Growth and Metabolism of Domestic Animals	3	Fall
ANSC 5614/ANSC 4311*	Advanced Animal Nutrition	3	Fall
ANSC 5615/ANSC 3311*	Comparative Exercise Physiology	3	Spring
ANSC 5616/ANSC 3316*	Endocrinology of Farm Animals	3	Spring
ANSC 5618/ANSC 3318	Probiotics and Prebiotics	3	Fall
ANSC 5619	Signaling Pathways	3	Fall
ANSC 5621/ANSC 3323*	Frontiers in Animal Embryo Technology	3	Fall
ANSC 5623	Current Advances in Epigenetics	1	Varies
ANSC 5640/ANSC 3641*	Animal Food Products: Dairy Technology	3	Varies
ANSC 5641	Food Chemistry	3	Varies
ANSC 5643	Muscle Biology and Food Chemistry	3	Fall
ANSC 5683	Graduate Teaching Experience	1	Fall, Spring
ANSC 5692	Research	1-6	Varies
ANSC 5693	Graduate Presentation Skills	1	Spring
ANSC 5694	Animal Science Seminar	1	Fall, Spring
ANSC 5695	Special Topics in Animal Science	1-6	Varies
ANSC 5699	Independent Study	1-3	Varies

**Not an elective course*