

Recommended Management and Advanced ANSC Elective courses based on species/area of interest (Emphasis Areas)		
Emphasis Area	Recommended Management Courses	Recommended Advanced ANSC Electives
Biotechnology	ANSC220 - Livestock Management	ANSC435 - Experimental Embryology
	ANSC255 - Aquaculture	ANSC437* - Animal Biotechnology
	ANSC260 - Lab Animal Management	ANSC446 - Physiology of Mammalian Reproduction
		ANSC497* - Animal Biotechnology Recombinant DNA Laboratory
Companion Animal	ANSC250* - Companion Animal Management	ANSC444 - Endocrinology
	ANSC255 - Aquaculture	ANSC453 - Animal Welfare and Bioethics
	ANSC260 - Lab Animal Management	ANSC455 - Animal Behavior
Dairy	ANSC220 - Livestock Management	ANSC440 - Zoonotic Diseases and Control
	ANSC242* - Dairy Cattle Management	ANSC443 - Lactational Physiology
	ANSC260 - Lab Animal Management	ANSC444 - Endocrinology
		ANSC453 - Animal Welfare and Bioethics
		ANSC455 - Animal Behavior
Equine	ANSC232* - Horse Management	ANSC330* - Equine Science
	ANSC220 - Livestock Management	ANSC435 - Experimental Embryology
		ANSC440 - Zoonotic Diseases and Control
		ANSC455 - Animal Behavior
		ANSC453 - Animal Welfare and Bioethics
Exotics	ANSC250 - Companion Animal Management	ANSC435 - Experimental Embryology
	ANSC255 - Aquaculture	ANSC453 - Animal Welfare and Bioethics
	ANSC260 - Lab Animal Management	ANSC455 - Animal Behavior
		ANSC460 - Comparative Vertebrate Immunology
General Livestock (Beef/Swine)	ANSC220* - Livestock Management	ANSC440 - Zoonotic Diseases and Control
	ANSC232 - Horse Management,	ANSC453 - Animal Welfare and Bioethics
	ANSC242 - Dairy Cattle Management	ANSC455 - Animal Behavior
	ANSC262- Commercial Poultry Management	
Lab Animal	ANSC220 - Livestock Management	ANSC435 - Experimental Embryology
	ANSC250 - Companion Animal Management	ANSC437 - Animal Biotechnology
	ANSC255 - Aquaculture	ANSC453 - Animal Welfare and Bioethics
	ANSC260* - Lab Animal Management	ANSC455 - Animal Behavior
		ANSC460 - Comparative Vertebrate Immunology
Poultry	ANSC220 - Livestock Management	ANSC440 - Zoonotic Diseases and Control,
	ANSC260 - Lab Animal Management	ANSC444 - Endocrinology
	ANSC262* - Commercial Poultry Management	ANSC452* - Avian Physiology
		ANSC453 - Animal Welfare and Bioethics
		ANSC455 - Animal Behavior

**Notes:**

- Courses marked with \* are specifically focused on the indicated area of interest.
- Students in the Animal Care & Management option are required to take ANSC340, ANSC446, ANSC447, so **IF YOU ARE IN THAT OPTION**, those courses may not be double counted as Advanced ANSC Electives