

Endocrinology and Animal Biosciences Graduate Program

PhD Course Credit Checklist

Total: 72 Credits (24 course credits)

Requirement	Course (credits)	Credits Completed	Semester/Year Completed
Core Courses	At least 1 course from each core area. Courses listed in multiple categories can only be used for one core area.		
Core 1: Endocrinology	16:340:510 Neuroendocrinology (3)		
	16:340:591 Reproductive and Developmental Toxicology (4)		
	16:340:612 Recent Advances in Endocrinology (2)		
Core 2: Physiology	16:340:508 Equine Exercise Physiology (3)		
	16:340:591 Reproductive and Developmental Toxicology (4)		
	16:572:501 Advanced Exercise Physiology (3)		
	16:572:512 Advanced Applied Human Physiology (3)		
	16:572:511 Neurophysiology of Health (3)		
	16:963:512 Integrative Organ Physiology (3)		
Core 3: Molecular Biology and Biochemistry	16:115:503 General Biochemistry (4)		
	16:115:504 General Biochemistry (4)		
	16:115:511 Molecular Biology and Biochemistry (3)		
	16:115:512 Molecular Biology and Biochemistry (3)		
	16:340:592 Molecular and Cellular Physiology (3)		
Core 4: Statistics and Experimental Design	16:115:557 Statistics in Biomedical Science (3)		
	16:125:578 Interdisciplinary Biostatistics Research Training for Molecular and Cellular Sciences: Enhancing Rigor and Reproducibility (3)		
	16:765:522 Applied Plant Science Statistics (3)		
	16:960:501 Statistical Theory for Research Workers (3)		
	16:960:590 Design of Experiments (3)		
	75:832:504 Introduction to Biostatistics (3)		
Seminar	Register for 2 semesters (2 credits total).		
	16:340:693 Seminar in Endocrinology and Animal Bioscience (1)		Fall
	16:340:694 Seminar in Endocrinology and Animal Bioscience (1)		Spring
Ethics Course	Required 1 credit.		
	16:115:556:90 Ethical Scientific Conduct (1)		
Undergraduate Courses	Up to 12 credits allowed. *Register with G prefix for an undergraduate course to count toward degree credits.		
	01:146:474 Immunology (3)		
	01:960:401 Basic Statistics for Research (3)		
	11:067:390:90 Equine Nutrition (3)		
	11:067:391 Comparative Mammalian Anatomy (3)		
	11:067:404 Animal Diseases (3)		
	11:067:430 Animal Microtechniques and Tissue Culture (4)		
	11:067:450 Endocrinology (4)		
	11:067:490 Pathophysiology (3)		
Additional Courses of Interest	16:370:503 Medical Entomology (3)		
	16:681:543 Current Concepts of Immunology (3)		
	16:682:576 Microbiomes and Health (3)		
	16:709:552 Nutrition: A Biochemical and Physiological Basis (4)		
	16:709:553 Nutrition: A Biochemical and Physiological Basis (4)		
	16:963:631 Toxicological Pathology (3)		
	18:844:511 Ethics and Prof. Dev. (3)		
Other Electives Taken			
Course Credits Total			
Research	Remaining credits should be graduate research.		
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
	16:340:701 Research in Endocrinology and Animal Biosciences (BA)		Fall
	16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Spring
Research Credits Total			
Degree Credits Total			