

Endocrinology and Animal Biosciences Graduate Program

MS Course Credit Checklist

Total: 30 Credits (at least 6 research 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) 16:340:694 Seminar in Endocrinology and Animal Bioscience (1)		Fall 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	At least 6 credits of graduate research. 16:340:701 Research in Endocrinology and Animal Biosciences (BA) 16:340:702 Research in Endocrinology and Animal Biosciences (BA) 16:340:701 Research in Endocrinology and Animal Biosciences (BA) 16:340:702 Research in Endocrinology and Animal Biosciences (BA) 16:340:701 Research in Endocrinology and Animal Biosciences (BA) 16:340:702 Research in Endocrinology and Animal Biosciences (BA)		Fall Spring Fall Spring Fall Spring
	Research Credits Total		
	Degree Credits Total		