EXSC MS

	Goals and Learning Outcomes	BIOS 700 or BIOS 701	EXSC 799 Thesis or EXSC 798 Project	EXSC 742 or EXSC 743	EXSC 780 or EXSC 781	EXSC 700	EXSC 710	EXSC 731
G1	*Master of Science students are expected to gain the required knowledge of research design and statistical procedures and to complete a project or thesis in agreement with their advisor on a topic in Exercise Science.*							
G1.LO1	Master of Science students will evaluate scientific literature, create a research plan and analyze and interpret research results.	P	P					
G2	*Master of Science students are expected to participate in classroom laboratory activities, clinical testing/evaluation programs, and research projects.*							
G2.LO1	Master of Science students will demonstrate proficiency in laboratory-based assessments through written and practical evaluations.			P	R			
G3	*Master of Science students are expected to gain the required knowledge of exercise physiology, physical activity, and motor skills acquisition and their relationships with health.*							
G3.LO1	Master of Science students will explain, analyze and evaluate physiological changes that occur during exercise and how environmental conditions influence these responses.				P			
G3.LO2	Master of Science students will explain, analyze, and evaluate the relationships between physical activity, behavior, and health.					P	P	
G3.LO3	Master of Science students will explain, analyze, and evaluate the relationships between biomechanical and neural factors that influence learning and performance of motor skills in healthy and disabled populations.							P

P = Courses in which competencies are primarily gained; R = Courses in which competencies are reinforced