

ADAPTED PHYSICAL EDUCATION, M.S.

The masters degree in adapted physical education is designed to provide students with advanced preparation in physical education teaching for including students with disabilities into general physical education classes as well as teaching students with disabilities in self-contained classrooms. Admitted students must possess a general physical education teaching license. This degree does not lead to a teaching license.

Learning Outcomes

- Master of Science students will demonstrate an understanding of current public health practice and how various health-related disciplines contribute to achieving public health goals.
- Master of Science students will demonstrate an understanding of the principles and practices that are used in epidemiology to examine the health status of populations and translate epidemiologic findings into public health action.
- Master of Science students will evaluate scientific literature, create a research plan and analyze original research results in order to formulate an answer to one or more research questions.
- Applied Physiology Master of Science students will demonstrate laboratory proficiency through written and practical evaluations.
- Applied Physiology Master of Science students will explain, analyze and evaluate:
 - a. physiological changes that occur during a single session of exercise,
 - b. physiological adaptations that take place with repeated exercise sessions, and
 - c. how environmental conditions influence these responses.
- Health Aspects of Physical Activity Master of Science students will explain, analyze, and evaluate the relationships between physical activity, behavior and health.
- Rehabilitation Science Master of Science students will explain, analyze, and evaluate the relationships between biomechanical, physiological, psychological and neural factors that influence learning and performance of motor skills in healthy and disabled populations.