



**Department of Kinesiology
San Francisco State University
Master's of Science Degree
Emphasis in Exercise Physiology**

Emphasis Objectives and Career Opportunities:

Students selecting this emphasis will focus their studies on the acute and chronic responses of the human body's physiological systems to physical activity. Focus is placed on exercise testing and prescription for a variety of different populations. Upon completion of the program, students will be prepared to work in clinical, rehabilitation, fitness, health, and educational settings. In addition, students will be well situated to undertake further graduate study.

Core Requirements: 9 units

Kin 710 Research in Kinesiology (3 units)
Kin 715 Research Designs and Analysis (3 units)
Kin 795 Seminar in Kinesiology (3 units)

Coursework:

Kin 740 Advanced Exercise Metabolism (3 units)
Kin 742 Exercise and CV Dynamics (3 units)
Kin 746 Clinical Exercise Physiology (3 units)
Kin 755 Exercise Electrocardiography (3 units)

Culminating Experience Includes Three Options:

1. Thesis
2. Master's Project
3. Comprehensive Exam

Pre-requisite Requirements:

Minimum GPA of 3.0 in the following courses: human anatomy, human physiology, exercise physiology, and statistics.

Certificate in Exercise Physiology is awarded upon completion of the MS in Kinesiology.