

EXERCISE SCIENCE (EXS)

College of Letters & Science

EXS 201 – Exercise Cardiorespiratory Physiology (3 units)

Course Description: Advanced course on integrated responses of the cardiovascular and respiratory systems to exercise. Includes hemodynamic, neurohormonal, and autonomic aspects of cardiac and vascular function, principles of myocardial metabolism, and mechanisms underlying changes in pulmonary function and gas transport.

Prerequisite(s): Undergraduate course in systemic physiology, exercise physiology, and biochemistry (intermediary metabolism).

Learning Activities: Lecture/Discussion 3 hour(s).

Grade Mode: Letter.