

# **New Course Offering!**

## **GCH 740: Applied Physiology— CardioRespiratory System**

**Examine the mechanisms by which the cardiorespiratory system is regulated and perturbed. This course will emphasize the current conceptual hypotheses surrounding the regulation and dysregulation of hemoglobin oxygenation, oxygen transport, and oxygen uptake and utilization. Both cellular and systemic mechanisms will be included. The intent is to provide a background in current research paradigms used in the study of chronic illnesses, disability and rehabilitation. Information studies will be centered around the acute responses and long term adaptations to aerobic exercise. The course will cover information of interest to those pursuing studies in cardiorespiratory and bioenergetics research, as well as those interested in obtaining advance knowledge that is useful in cardiovascular, pulmonary, and metabolic rehabilitation.**

**Tuesdays 4:30—7:10 PM**

**CRN: 73796**