

PHYSIOLOGY - MD (PHY)

PHY 121 Medical Physiology 8 cr

The core course in medical physiology provides the student with an understanding of the normal function of the major organ systems of the body that is necessary to understand and treat disease. Normal control and homeostatic mechanisms are emphasized with frequent examples of the body's integrative responses to stress. The course includes sections in general physiology as well as blocks oriented to the major organ systems.

PHY 400 Physiology Externship 1-4 cr

To be determined.

PHY 410 Research in Physiology 1-4 cr

To provide an opportunity for senior students to become involved in ongoing research in one of the various laboratories within the Physiology Department. This rotation is highly recommended for the student contemplating a career in research or academic medicine. Subjects include metabolic cardiovascular and pulmonary research. Instruction may include the use of computer analysis and modeling as applied to ongoing research. Interested students should contact Dr. Lincoln or individual faculty for descriptions of specific projects and their availability.

PHY 451 Research in Physiology 1-4 cr

To provide an opportunity for senior students to become involved in ongoing research in one of the various laboratories within the Physiology Department. This rotation is highly recommended for the student contemplating a career in research or academic medicine. Subjects include cardiovascular, pulmonary, gastrointestinal, and neurophysiology. Instruction may include the use of computer analysis and modeling as applied to ongoing research. Interested students should contact Dr. Taylor or individual faculty for descriptions of specific projects and their availability.