PHYSIOLOGY (PHS)

PHS 11007 Physiology I (3 units)
Course Component: Lecture

PHS 1107 Physiology I (3 units)
Course Component: Lecture

PHS 1200 Physiology (6 units)
Course Component: Lecture

PHS 2281 Physiology
Course Component: Lecture

PHS 3341 Physiology of Sensation, Regulation, Movement and Reproduction (3 units)
Part 1 of a comprehensive study of human physiology with an emphasis on regulatory mechanisms. This course includes the biophysical basis of excitable tissues and the physiology of the nervous, muscular, endocrine and reproductive systems. It is assumed that students have a basic knowledge of chemistry, physics and biology.
Course Component: Lecture

PHS 3342 Physiological Regulation of Intake, Distribution, Protection and Elimination (3 units)
Part 2 of a comprehensive study of human physiology with an emphasis on regulatory mechanisms. This course includes the physiology of the cardiovascular, immune, respiratory, renal and digestive systems. It is assumed that students have a basic knowledge of chemistry, physics and biology.
Course Component: Lecture

PHS 4100 Human Physiology and Mechanism of Disease (6 units)
Lectures and discussions of selected topics in pathophysiology. Students will need to have acquired an understanding of normal physiology and the concepts involved therein. Attention will be paid to review of the principles involved in normal physiology. This course will then focus upon the etiology of the diseased state and underscore the causes and mechanisms of deranged physiology, preventative measures and corrective therapy. The topics covered will include the cardiovascular system, the gastro-intestinal tract, the respiratory and renal systems, neuromuscular and central nervous function, the endocrine and reproductive systems.
Course Component: Lecture

PHS 4219 Research Project (10 units)
The student will undertake a research project under the supervision of one of the professors within the Department.
Course Component: Research

PHS 4219 Research Project (Part 1 of 2)
The student will undertake a research project under the supervision of one of the professors within the Department. (Part 1 of 2)
Course Component: Research

PHS 4219 Research Project (Part 2 of 2) (10 units)
The student will undertake a research project under the supervision of one of the professors within the Department. (Part 2 of 2)
Course Component: Research
Prerequisite: PHS 42191. Permission of the Department is required.