



Icahn
School of
Medicine at
Mount
Sinai

COURSE INFORMATION SHEET

Title of Course: Physiology

Academic Year: 2017-2018

Duration of Course: 7 weeks

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Mission Statement of Course:

To develop general physiological concepts of organ system function that are basic to medicine.

Goals of Course:

The goal of the course is to provide students with mastery of the physiological concepts required for understanding the normal function of the human body, which will form the basis for understanding the illnesses experienced by patients.

Objectives of Course:

By the end of this course, students will be able to:

1. Describe basic principles of function for each organ system.
2. Illustrate relationships among and functionality of organ systems.
3. Integrate complex physiological relationships needed to maintain homeostasis.
4. Explain Pathogenic mechanisms of disease by applying knowledge of physiological principles.
5. Describe the actions of drugs in the body, including performing basic calculations of fundamental pharmacokinetics.