
ANAT 7420

Graduate Systems Functional Anatomy

Spring 2018
January 3 – May 1, 2018

Goals

1. To acquire and develop an understanding of the application of structure to function.
2. To apply the fundamental principles of function to an understanding of the basis for the relationship between function and structure of organ systems.

Course format

This course provides an analysis of the physical principles of normal function and physiology in organ systems. Students attend a series of classes during which they learn the physiological processes in select organ systems* in the human body. An understanding of these principles will be assessed periodically in the context of the structure of organ systems.

*For the Spring 2017 course, the select organ systems that will be studied are the Pulmonary (Module IV), Renal (Module V), GI (Module VI), and Endocrine/Reproduction (Module VII).

Grading

There is no written test or examination in this course. For each lecture you are required to submit (1) a brief written summary, (2) list of key concepts, and (3) a learning objective for each key concept. These summaries, organized by lecture topic, are due within one week following the conclusion of the particular module. Your final grade for the course will be calculated based both on the quantity and quality of summaries submitted. You will not be permitted to graduate from the Anatomy Graduate program with a C grade in Graduate Introductory Functional Anatomy.

Course Director: Tripp Frasch
Co-Director: Dr. Hill

Credits: 2

Dates of class:

Every week as posted.
Main Auditorium, Medical
School Building

Required: Attend classes,
prepare concept
summaries and objectives

Grades:

Final grades will be posted
to Canvas at the end of the
course

Summaries	quality	grade
27 or more	good	A
25-26	good	A-
22-24	good	B
20-21	good or poor	C+