

CTSC 5271

Pathophysiology of Digestive Disease

Faculty: Purna Kashyap, MBBS

Credits: 1

Quarter: Summer of odd years

Prerequisites: None

Overview

The purpose of this course is to teach gastrointestinal/hepatobiliary physiology and discourse through a series of 12 interactive lectures covering a broad range of topics within the field. The course will emphasize basic cellular and molecular concepts with correlations between research and the clinic whenever possible.

Course Objectives

At the end of this course, learners will be able to:

- Identify the key molecular factors involved in normal and disordered gastrointestinal function
- Recognize the pathways driving gastrointestinal disease states
- Recall and articulate diagnostic and therapeutic targets of gastrointestinal disease
- Identify potential avenues of future research to treat gastrointestinal disease.

Evaluation

Students will be evaluated on weekly quizzes and a written review. Students are expected to attend and participate in all class sessions.

Students will be expected to spend approximately two to four hours per week on content from this 1-credit course.

For specific dates and times this course is provided, please see the [quarterly detailed course schedule](#).