



New Course in Medical Metabolism

GMS5905

Metabolism will be studied in the context of medical situations. Lectures material will cover basic concepts in carbohydrate, lipid, and nitrogen metabolism.

Students will enhance their understanding of human metabolism by applying their knowledge to the analysis and discussion of clinical case studies and primary literature with the metabolism field. As a final project, students will create their own case study scenario.

COURSE OBJECTIVES:

- Understand the fundamental principles of human metabolism
- Connect the basic principles of metabolism to the causes, symptoms, and treatments for metabolic disorders
- Develop skills in critical thinking, problem solving, and communication through the analysis and discussion of metabolic pathways and associated case study scenarios
- Learn to analyze and evaluate primary research articles in the metabolism field
- Recognize the impact of metabolism on human health

Course offered by the
**Department of Biochemistry
and Molecular Biology**
for more information contact:

COURSE DIRECTOR



Deborah Smith, Ph.D.
Instructional Assistant Professor
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DAY & TIME

Tuesdays - 1:55 - 2:45pm
Thursdays - 1:55 - 3:50pm

PREREQUISITE

BCH4024/GMS5905
Fundamentals of Biochemistry
and Molecular Biology

REQUIRED TEXTBOOK

Lehninger's Principles of
Biochemistry, 8th edition with
Achieve. MacMillan press.