GRADUATE MEDICAL (GRMD)

Courses

GRMD 353. Medical Fdns of Medicine. 3 Credits.
Fundamental vocabulary, concepts, and methods of molecular
genetics, cell physiology, biochemistry and metabolism including
cell-cell and cell-environment communication, cell proliferation and
cell death. Pre/co-requisite: Graduate standing; permission of the
Instructor; six credits coursework, plus two credits lab in Biology,
general chemistry, organic chemistry and Physics.

GRMD 354. Medical Human Struc & Fnction. 4-8 Credits.
Combination of gross anatomy, histology, embryology, physiology
and medical imagine to present an integrated overview of the human
body. Pre/co-requisites: Graduate standing; Instructor permission;
six credits coursework, plus two credits lab in Biology, general
chemistry, organic chemistry and Physics; graduate coursework in Cell
Biology or Biochemistry.

GRMD 355. Medical Attacks & Defenses. 4 Credits.
Principles of hematology, immunology, microbiology, toxicology,
pathology, pharmacology, and neoplasia as a foundation to
pathophysiology and therapeutics. Pre/co-requisite: Graduate
standing; Instructor permission; six credits coursework plus two
credits lab in Biology, general chemistry, organic chemistry and
Physics; graduate coursework in Cell Biology or Biochemistry.

GRMD 356. Medical Nutr, Metab, & GI Syst. 5 Credits.
Organizes studies in nutrition, organ systems metabolism and the
gastrointestinal and endocrine systems through integrated lessons
in cell biology, biochemistry, normal and pathologic anatomy,
pharmacology, physiology, pathophysiology and microbiology.
Pre/co-requisite: Graduate standing; permission of the Instructor;
six credits coursework, plus two credits lab in Biology, Anatomy
& Physiology, and an introduction to immunology, microbiology,
toxicology, pathology and pharmacology.

GRMD 357. Medical Neural Science. 6 Credits.
Organize study of the human nervous and behavioral system through
lessons that integrate cell metabolism, endocrinology, normal and
pathologic anatomy, pharmacology, physiology, pathophysiology and
psychopathology. Pre/co-requisite: Graduate standing; permission
of the Instructor; six credits coursework plus two credits lab in
Biology, general chemistry, organic chemistry and Physics; Graduate
coursework in Cell biology or Biochemistry, human anatomy &
physiology, and an introduction to immunology, microbiology,
toxicology, pathology and pharmacology.

GRMD 358. Medical Connections. 1 Credit.
Introduction to musculoskeletal and integumentary systems that
integrates cell metabolism, endocrinology, normal and pathologic
anatomy, physiology and pathophysiology, and pharmacology.
Pre/co-requisite: Graduate standing; Instructor permission;
six credits coursework plus two credits lab in biology, general
chemistry, organic chemistry and physics; graduate coursework in
cell biology or biochemistry, human anatomy and physiology, and an
introduction to immunology, microbiology, toxicology, pathology,
and pharmacology.

GRMD 359. Medical Cardio,Resp,Renal Syst. 6 Credits.
Organizes studies in the cardiovascular, respiratory and renal system
through lessons that integrate cell metabolism, endocrinology,
normal and pathologic anatomy, pharmacology, physiology and
pathophysiology. Pre/co-requisite: graduate standing; permission
of the Instructor; six credits coursework plus two credits lab in
biology or biochemistry, human anatomy and physiology, and an
introduction to immunology, microbiology, toxicology, pathology
and pharmacology.

GRMD 360. Medical Generations. 5 Credits.
Organizes studies in reproduction, development and aging
through lessons that integrate behavioral development, cell
and molecular biology, endocrinology, normal and pathologic
anatomy, pharmacology, physiology and pathophysiology. Pre/
co-requisite: Graduate standing; permission of the Instructor;
six credits coursework plus two credits lab in biology, general
chemistry, organic chemistry and physics; graduate coursework in
cell biology or biochemistry, human anatomy and physiology, and an
introduction to immunology, microbiology, toxicology, pathology
and pharmacology.