Membrane Physiology
Aug. 28 BRB252 Dr. Hoshi Action Potentials/Voltage-gates Ion Channels
Aug. 30 BRB252 Dr. Hoshi Synaptic Transmission and Ligand-gated Ion Channels

Sept. 2 No class (Labor Day)

Nervous System
Sept. 4 BRB252 Dr. Thomas Nervous System
Sept. 6 BRB252 Dr. Thomas Central Nervous System
Sept. 9 BRB252 Dr. Thomas Peripheral Nervous System

Muscle Physiology
Sept. 11 BRB252 Dr. Ostap Contractile Proteins and Striated Muscle-1
Sept. 13 BRB252 Dr. Ostap Striated Muscle-2
Sept. 16 BRB252 Dr. Ostap Smooth Muscle

Cardiovascular System
Sept. 18 BRB252 Dr. Prosser Cardiac and Skeletal Muscle Signaling
Sept. 20 BRB252 Dr. Margulies Myocardial Physiology and Cardiac Pump Function
Sept. 23 BRB252 Dr. Margulies Vascular Physiology
Sept. 25 BRB252 Dr. Margulies Cardiovascular Integration

Sept. 27 Self Study

Sept. 30 Exam 1 (Membranes, Neuro, Muscle, Cardiovascular)

Renal System (Section #1)
Oct. 2 BRB252 Dr. Leonberg-Yoo Organization of the Kidney and Glomerular Filtration
Oct. 4 BRB252 Dr. Leonberg-Yoo Renal Regulation of Sodium Balance
Oct. 7 Self Study

Oct. 9 & 11 No class (Fall Break)

Respiratory System
Oct. 16 BRB252 Drs. Frank/Dysart Ventilation and Perfusion
Oct. 18 BRB252 Drs. Frank/Dysart Gas Exchange and Transport

Endocrine Physiology
Oct. 21 BRB252 Dr. Titchenell Neuroendocrinology
Oct. 23 BRB252 Dr. Titchenell Thyroid; Adrenal
Oct. 25 BRB252 Dr. Titchenell Glucose Homeostasis; Insulin Signaling

Integration
Oct. 28 BRB252 Dr. Khurana Integrative Responses to Exercise
Oct. 30 BRB252 Dr. Khurana Integrative Responses to the Environment

Renal System (Section #2)
Nov. 1  BRB252  Dr. Hilburg  Renal Regulation of Potassium and Acid Balance
Nov. 4  BRB252  Dr. Hilburg  Renal Regulation of Water Balance
Nov. 6  Self Study
Nov. 8  Exam 2 (Endocrine, Respiratory, Integration, Renal)

Nov. 11  No Class

**Sensory System**
Nov. 13  BRB252  Dr. Genovese  Olfactory System

**Digestive System**
Nov. 15  BRB252  Dr. Foskett  GI Tract Structure and Motility/Absorption
Nov. 18  BRB252  Dr. Foskett  The Integrated Response to a Meal
Nov. 20  BRB252  Dr. Foskett  Liver Physiology

**Reproductive Physiology**
Nov. 22  BRB252  Dr. Dokras  Fertilization
Nov. 25-29  No Classes (Thanksgiving Break)
Dec. 2  BRB252  Dr. Mainigi  Female Reproductive Physiology
Dec. 4  BRB252  Dr. Masson  Male Reproductive Physiology
Dec. 6  Self Study

Dec. 9  Exam 3 (Digestive, Reproductive)