

# BIO 560 : Advanced Human Pathophysiology

Concepts of normal with an emphasis on abnormal physiology covering homeostasis and the interrelationships between various organs. Course includes discussion of cell physiology, electrolyte balance, blood composition, immune responses, hormones, muscle, synapses, the cardiovascular, renal, respiratory, endocrine, nervous, and digestive systems. Common diseases in each will be discussed. Prerequisite: At least two semesters of undergraduate Biology.