

# BMS 5042 : Physiology II

A continuation of BMS5042 Physiology I, this course provides a systems-based curriculum to enable the student an opportunity to build a cognitive framework and knowledge base necessary to understand and medically apply normal human physiology to pathophysiology. Systems covered in the first semester include cellular physiology, homeostatic mechanisms, basic neurophysiology, the cardiovascular system, the respiratory system, and the renal system. Basic clinical skills, clinical reasoning, physical exam skills are also integrated throughout. This curriculum combines lecture with clinical correlations, case studies, independent study, projects, and simulation activities.

**Credits** 4

**Prerequisite Courses**

BMS 5041: Physiology I