

# PTY 521 : Pathology I

This course examines models of disease and illness; the impact of physical and social environments on health; the interaction between psychological and physical health; and general concepts of infection, inflammation, injury, oncology, and healing. Students learn about basic laboratory tests, fluid/electrolyte imbalances, acid/base imbalances, and standard precautions; and apply this information to specific pathologies. The course also explores the pathological changes across the life span inherent in the common disease processes in the following systems: immunologic, integumentary, reproductive, lymphatic, nervous system, psychological and renal/urologic. Students gain insight into the etiology, pathology, signs and symptoms, differential diagnosis, prognosis, medical/surgical management that can be applied to general physical therapy management and will develop a foundation for student decision making.

**Credits** 2