

COM 1704 : Mechanisms of Disease

This is a multidisciplinary course which incorporates foundational aspects of embryology, histology, cell-molecular biology, clinical anatomy, biochemistry, and physiology of the nervous system. This course provides osteopathic medical students with comprehensive understanding of the structure, hierarchical organization, functions of the nervous system, as well as basic pathologic processes. The course will use holographic anatomy, histological images, MRI and CT-scan images to introduce major anatomic structures, their relations with other components of the nervous system, as well as basic pathology. All topics are delivered via active learning sessions including team-based learning (TBL), designated study assignments (DSA), clinically integrated sessions (CIS), augmented reality sessions (ILS), and simulation-based activities.

Credits 3.5