OBJECTIVES
STRUCTURE AND DEVELOPMENT (S&D)

Upon completion of the Structure & Development course, students will be able to:

ALTRUISM
• Display respect for an individual’s privacy and dignity when handling anatomical donors.
• Display respect, sensitivity and compassion when discussing anatomical donors.
• Display honesty and integrity in interactions with peers and faculty.
• Display honesty and integrity in association with the examination Honor Code.

DUTIFUL
• Obtain an appreciation of the need to engage in lifelong learning to stay abreast of relevant scientific advances.
• Obtain the ability to independently access and integrate biomedical information from both digital and hardcopy resources.
• Display honesty and integrity in following all regulations for use of the anatomy labs.

SKILLFUL
• Demonstrate proficiency in deductive reasoning concerning problems focused on basic anatomical knowledge and clinical problems based on these areas of information.
• Demonstrate competence in anatomical knowledge necessary to perform organ system specific examination of anatomical donors.
• Demonstrate competence in handling surgical instrumentation and performing dissection necessary to isolate and display all major organ systems.
• Demonstrate the ability to communicate effectively in the exchange of information during small group interactions with peers and faculty.
• Demonstrate the ability to work effectively in the performance of tasks as a team member in small group interactions with peers and faculty.
• Demonstrate commitment to patient care by performing all procedures recommended for optimal care of anatomical donors.

KNOWLEDGE
• Understand the normal development of body form and all major organ systems.
• Understand the causes and outcome of high incidence abnormal development.
• Understand the microstructure organization of all basic tissues and organ systems.
• Understand the macroscopic organization of all major organ systems.
• Understand structure/function relationships of all major organ systems.
• Understand the principles of common radiology imaging modalities (X-Ray, MRI, CT).
• Understand the appearance of all major organ systems in radiology imaging.
• Understand the anatomical basis of common pathologies.
• Understand the fundamental anatomical/medical vocabulary sufficient to converse with peers and faculty including the ability to interpret instructions/questions couched in that vocabulary.