

**2007**  
**Clinical Anatomy, Embryology and Imaging**  
**BMS 6115**  
**Course Schedule**

Color codes for course activities:

**Anatomy Lectures**

**Radiology Sessions**

**Embryology lectures**

**Case Wrap-up**

**Weekly review sessions with lab and lecture quiz**

**Laboratory sessions**

**Small-group sessions**

**Optional sessions – Ackland videos, questions and answer**

**Examination**

# Week 1 Thorax

Hour	Monday 6-4	Tuesday 6-5	Wednesday 6-6	Thursday 6-7	Friday 6-8
1 – 2 PM	Introduction to course activities, laboratory sessions, small-group sessions, cross-sections, and radiology	Embryology Weeks 1 - 3	Heart And Great vessels	Posterior Mediastinum	Embryology Week 4 - birth
2 – 3 PM	Anterior thoracic wall	Pleural cavity and lungs	Practice Small Group	Introduction to nervous system Part 1	Radiology And Cross-sectional Anatomy of thorax
3 – 4 PM	Laboratory Begin cadaver report	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Thoracic Wall	Pleural cavity & Lungs	Pericardial sac & Heart	Posterior and superior mediastinum Pathology Thorax	Optional help session

# Week 2 Back and Upper Extremity

Hour	Monday 6-11	Tuesday 6-12	Wednesday 6-13	Thursday 6-14	Friday 6-15
1 – 2 PM	Back and spinal cord Introduction to nerve root, spinal nerve and rami Lab and lecture Quiz #1	Embryology of heart and great vessels Klatt	Brachial plexus	Arm and Forearm	Radiology And Cross-sectional Anatomy of vertebral column and spinal cord
2 – 3 PM	Case #1	Scapula and deltoid region	Case #2	Introduction to nervous system Part 2	Cases 1 & 2 Wrap-up
3 – 4 PM	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Muscles, nerves and vessels of the back	Vertebral column and demonstration of spinal tap	Skin upper extremity Begin shoulder brachial plexus	Continue brachial plexus and begin arm and forearm Pathology of back, spinal cord and upper extremity	Optional help session

# Week 3 Upper Extremity, Abdominal Wall And Cavity

Hour	Monday 6-18	Tuesday 6-19	Wednesday 6-20	Thursday 6-21	Friday 6-22
1 – 2 PM	Hand Lab and lecture Quiz #1	Joints of upper extremity	Anterior abdominal wall, spermatic cord and testes	GI tract and associated organs Part 1	Radiology And Cross-sectional Anatomy of upper extremity
2 – 3 PM	Case #3	Embryology of extremities and integument	Case #4	GI tract and associated organs Part 2	Cases 3 & 4 Wrap-up
3 – 4 PM	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Arm and forearm	Hand	Joints of the upper extremity	Anterior abdominal wall, spermatic cord and testes Pathology of abdomen	Optional help session

# Week 4 Abdominal Cavity Continued

Hour	Monday 6-25	Tuesday 6-26	Wednesday 6-27	Thursday 6-28	Friday 6-29
1 – 2 PM	GI tract and associated organs Part 3  Lab and lecture Quiz #3	Posterior abdominal wall	Embryology of GI tract Part 2 Klatt	Nervous system In abdomen	Radiology And Cross-sectional Anatomy of abdomen
2 – 3 PM	Case #5	Embryology of GI tract Part 1 Klatt	Case #6	GI Pathology identified in the anatomy laboratory and consult with pathologists	Cases 5 & 6 Wrap-up
3 – 4 PM	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	GI tract and associate organs Part 1	GI tract and associate organs Part 2	Posterior abdominal wall and kidney	Review of thorax and abdominal wall Demonstration of surgical procedures in the abdomen	Optional help session

# Week 5 Head and Neck

Hour	Monday 7-2	Tuesday 7-3	Wednesday 7-4	Thursday 7-5	Friday 7-6
1 – 2 PM	Neck and cervical viscera Part 1 Lab and lecture Quiz #4	Neck and cervical viscera Part 2	Fourth of July Holiday	Face and parotid region	Radiology And Cross-sectional Anatomy of neck
2 – 3 PM	Case #7	Overview of skull and ultrasound of the neck		Case #8	Cases 7 & * Wrap-up
3 – 4 PM	Laboratory	Laboratory		Laboratory	Lab and lecture Quiz #5 Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Neck and cervical viscera Part 1 Emergency Tracheotomy	Neck and cervical viscera Part 2		Face and parotid region Pathology of head and neck	Optional help session

# Week 6 Skull and Brain

Hour	Monday 7-9	Tuesday 7-10	Wednesday 7-11	Thursday 7-12	Friday 7-13
1 – 2 PM	Mid-Term Written in morning Laboratory Practical in afternoon	Infra temporal region	Scalp, cranium, dural meninges	Embryology of face and neck	Radiology And Cross-sectional Anatomy of skull, brain, vessels and sinuses
2 – 3 PM		Case #9	Case #10	Embryology of nervous system Klatt	Cases 9 & 10 Wrap-up
3 – 4 PM		Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM		Infratemporal region	Scalp, Cranium and dural meninges	Brain Arteries, veins, sinuses and cranial nerves	Optional help session

# Week 7 Orbit, Eye, Nasal Cavity and Oral Cavity

Hour	Monday 7-16	Tuesday 7-17	Wednesday 7-18	Thursday 7-19	Friday 7-20
1 – 2 PM	Orbit & Eyeball  Lab and lecture Quiz #6	Craniovertebral joint, base of skull and retropharyngeal space	Pharynx, oral and nasal cavities Part 1	Pharynx, oral and nasal cavities Part 2	Radiology And Cross-sectional Anatomy of head
2 – 3 PM	Case #11	Cranial nerves	Case #12	Pathology identified in the head with consult from pathologist	Cases 11 & 12 Wrap-up
3 – 4 PM	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Orbit and skull	Craniovertebral joint, base of skull and retropharyngeal space	Pharynx, oral and nasal cavities Part 1	Pharynx, oral and nasal cavities Part 2 Pathology of head and neck	Optional help session

# Week 8 Larynx, Ear, and Introduction to Pelvis/Perineum

Hour	Monday 7-23	Tuesday 7-24	Wednesday 7-25	Thursday 7-26	Friday 7-27
1 – 2 PM	Larynx Lab and lecture Quiz #7	Ear	Embryology of sensory systems	Introduction to pelvis and perineum	Radiology Review Of head and neck
2 – 3 PM	Case #13	Review of autonomic nerves in head and neck	Case #14	Vessels, nerve and lymphatics of pelvis  Rectum and anal canal	Cases 13 & 14 Wrap-up
3 – 4 PM	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
4 – 5 PM	Larynx	Ear	General disposition of pelvic organs and perineal structures for both male and female	Continue general disposition of pelvic organs and perineal structures for both male and female Pathology head and neck	Optional help session

# Week 9 Pelvis and Perineum

Hour	Monday 7-30	Tuesday 7-31	Wednesday 8-1	Thursday 8-2	Friday 8-3
<b>1 – 2 PM</b>	Ischiorectal fossa and perineum Lab and lecture Quiz #8	Pelvic viscera, nerve and blood supply	Embryology of the genitourinary systems	Gluteal region and posterior thigh	Radiology And Cross-sectional Anatomy of pelvis and perineum
<b>2 – 3 PM</b>	Case #15	Placenta and extraembryonic membranes	Case #16	Review of Pelvis and Perineum	Cases 15 & 16 Wrap-up
<b>3 – 4 PM</b>	Laboratory	Laboratory	Laboratory	Laboratory	Optional Review and Preview of laboratories Ackland Videos Adam program
<b>4 – 5 PM</b>	Ischiorectal fossa and perineum of male and female	Hemissect cadaver and sagittal section pelvis to study pelvic organs of the male and female	Complete all pelvic and perineum dissections. Compare male with female cadavers	Gluteal region, and posterior thigh Pathology of pelvis and perineum	Optional help session

# Week 10 Lower Extremity

Hour	Monday 8-66	Tuesday 8-7	Wednesday 8-8	Thursday 8-9	Friday 8-10
1 – 2 PM	Anterior thigh Lab and lecture Quiz #9	Leg and foot	Joints of the lower extremity	Case 17 & 18 Wrap-up	Cadaver reports
2 – 3 PM	Case #17	Functional neuroanatomy of the lower extremity	Case #18	Final Cadaver Reports	Cadaver Reports
3 – 4 PM	Laboratory	Laboratory	Laboratory	Final cadaver reports	SPOT/SUSSAI Evaluations  Review
4 – 5 PM	Laboratory Superficial anterior thigh anterior and medial compartment	Laboratory Popliteal fossa and leg	Team members exchange information	Final Cadaver Reports	Review Session

# Week 11 Examination Week

Hour	Monday 8-13	Tuesday 8-14	Wednesday 8-15	Thursday 8-16	Friday 8-17
Morning				Second written examination	NBME Subject examination
Afternoon				Laboratory practical exam	