



The Florida State University
College of Medicine

Clinical Anatomy, Embryology and Imaging

SCHEDULE

BMS 6115C

SUMMER 2011

Clinical Anatomy, Embryology and Imaging BMS 6115C

**Summer Semester 2011
Lynn J. Romrell, Ph.D.
Course Director**

Course Schedule

Color codes for course activities:

Anatomy Sessions

Anatomic Radiology Sessions

Embryology Sessions

Grand Rounds - Clinical Presentations

Laboratory Sessions

Week 1 - Back & Upper Extremity

Hour	Monday 6-6	Tuesday 6-7	Wednesday 6-8	Thursday 6-9	Friday 6-10
1 – 2 PM	Spinal Deformity	Embryology: Early Development	Introduction to Anatomy by Radiologic Imaging	Radiologic Anatomy of the Vertebral Column and Spinal Cord	Grand Rounds - Clinical Presentation (J. Latimer, P.T.)
2 – 3 PM	Course Introduction Continued	Neck & Arm Pain	Breast Mass	Shoulder Injury	Nervous System Part 1
3 – 4 PM	α Teams Dissect Laboratory (5 to 13; end with Erector spinae)*	β Teams Dissect Laboratory (15 to 18; 22 to 24)*	α Teams Dissect Laboratory (20 to 21; 24 to 28)*	β Teams Dissect Laboratory (28 to 36)* Axilla & Arm	Free Time
4 – 5 PM	Muscles, nerves and vessels of the back	Vertebral Canal & Spinal Cord; Scapular Region	Superficial Dissection Upper Extremity; Pectoral Region		
Non-Dissecting Groups View Prosections	β Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	α Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	β Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	α Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	

* Grant's Dissector, Tank, Patrick W. 14th, 2008 - pages for dissection.

Week 2 - Upper Extremity

Hour	Monday 6-13	Tuesday 6-14	Wednesday 6-15	Thursday 6-16	Friday 6-17
1 – 2 PM	Embryology: Germ layers	Embryology: Placenta and Musculoskeletal System	Radiologic Anatomy of the Upper Extremities	Quiz 1	Grand Rounds - Clinical Presentation (M. Gordian, P.T.)
2 – 3 PM	Elbow Injury	Wrist Injury	Injection – Foot Drop		Nervous System Part 2
3 – 4 PM	α Teams Dissect Laboratory (36 to 43)* Forearm Flexor Region and Palm of Hand	β Teams Dissect Laboratory (44 to 48; 50 to 53)* Continue Hand & Forearm Extensor Region and Joints of UE	α Teams Dissect Laboratory (148 to 159)* Superficial Dissection Lower Extremity; Anterior Thigh		Free Time
4 – 5 PM					
Non-Dissecting Groups View Prosections					
	β Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	α Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	β Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20		

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Week 3 - Lower Extremity

Hour	Monday 6-20	Tuesday 6-21	Wednesday 6-22	Thursday 6-23	Friday 6-24
1 – 2 PM	Quiz 1 Discussion of Performance	Embryology: Nervous System	Radiological Anatomy of the Lower Extremities	Review Functional Anatomy of the Upper Extremity	Grand Rounds - Clinical Presentation (R. Watson, M.D.)
2 – 3 PM	Knee Injury	Diminished Pulses	Review Functional Anatomy of the Lower Extremity	Practice Practical and Review	Clinical Presentation (A. Wong, M.D.)
3 – 4 PM	β Teams Dissect Laboratory (159 to 167)* Gluteal Region, Hip and Posterior Thigh	α Teams Dissect Laboratory (167 to 175)* Leg & Foot	β Teams Dissect Laboratory (167 to 175; 180 to 184)* Leg & Foot and Joints of the Lower Extremity		Review Time with Faculty and TAs
4 – 5 PM					
Non-Dissecting Groups View Prosections	α Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	β Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20	α Teams 3:00 - 1 to 5 3:30 - 6 to 10 4:00 - 11 to 15 4:30 - 16 to 20		

Extremity Exam in CSSC: **June 21st – 3 pm β Teams 11 to 20; 4pm β Teams 1 to 10;**
 June 22nd – 3 pm α Teams 11 to 20; 4pm α Teams 1 to 10.

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Week 4 - Lower Extremity & Unit 1 Exams

Hour	Monday 6-27	Tuesday 6-28	Wednesday 6-29	Thursday 6-30	Friday 7-1
1 – 2 PM	Unit 1 Exams	Exam 1 Discussion of Performance	Embryology: Body Cavities & Respiratory System	Chest Pain	Independent Study Day
2 – 3 PM		Chest Pain and Cough	Cough and Difficulty Breathing	α Teams Dissect Laboratory (Remove heart 66 to 73)*	
3 – 4 PM		α Teams Dissect Laboratory (54 to 60)* Thorax	β Teams Dissect Laboratory (60 to 66 up to remove heart)* Thorax and Lungs	Heart and Middle Mediastinum	
4 – 5 PM					
Non-Dissecting Groups View Prosections		β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	

Lung Exam in CSSC: **June 29th – 3 pm α Teams 6 to 15; 4pm α Teams 1 to 5 and 16 to 20;**
June 30th – 3 pm β Teams 6 to 15; 4pm β Teams 1 to 5 and 16 to 20.

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Week 5 - Thorax

Hour	Monday 7-4	Tuesday 7-5	Wednesday 7-6	Thursday 7-7	Friday 7-8
1 – 2 PM	4th of July Holiday	Embryology: Cardiovascular System I	Embryology: Cardiovascular System II	Neck Mass	Grand Rounds - Clinical Presentation (Brummel-Smith, MD)
2 – 3 PM		Difficulty Swallowing	Neck Pain	β Teams Dissect	Radiological Anatomy of the Thorax, Lungs, and Heart
3 – 4 PM		β Teams Dissect Laboratory (73 to 77)* Superior and Posterior Mediastinum	Study of the Skull (199 to 201)* α Teams Dissect Laboratory (186 to 194)* Anterior and Posterior Neck	Laboratory (195 to 199)* Viscera and Deep Neck	Free Time
4 – 5 PM					
Non-Dissecting Groups View Prosections		α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	

Heart Exam in CSSC: **July 5th – 3 pm α Teams 6 to 15; 4pm α Teams 1 to 5 and 16 to 20;**
July 6th – 3 pm β Teams 6 to 15; 4pm β Teams 1 to 5 and 16 to 20.

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Week 6 – Head and Neck

Hour	Monday 7-11	Tuesday 7-12	Wednesday 7-13	Thursday 7-14	Friday 7-15
1 – 2 PM	Quiz 2	Facial Paralysis	Severe Facial Pain	Head Injury	Grand Rounds - Clinical Presentation (C. Stine, M.D.)
2 – 3 PM		α Teams Dissect Laboratory (201 to 207)* Superficial Face	β Teams Dissect Laboratory (210 to 213)* Deep Face	α Teams Dissect Laboratory (220, 222 to 227)* Cranial Fossae	Radiologic Anatomy of the Head and Neck
3 – 4 PM					Free Time
4 – 5 PM					
Non-Dissecting Groups View Prosections		β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	

Heart Sounds in CSSC:

July 12th – β Teams: 3pm, 6 to 15; 4pm, 16 to 20 and 1 to 5.

July 13th – α Teams: 3pm, 6 to 15; 4pm, 16 to 20 and 1 to 5.

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Week 7 – Head and Neck

Hour	Monday 7-18	Tuesday 7-19	Wednesday 7-20	Thursday 7-21	Friday 7-22
1 – 2 PM	Eye Movements	Embryology: Head and Neck I	Nervous System Review	Embryology: Head and Neck II	Grand Rounds - Clinical Presentation (R. Watson, M.D.)
2 – 3 PM	Difficulty Breathing	Sore on the Lip	Cranial Nerve Review	Practice Practical and Review	Review Time with Faculty and TAs
3 – 4 PM	β Teams Dissect Laboratory (235 to 240)* Pharynx and Larynx	α Teams Dissect Laboratory (240 to 248)* Nasal Cavity and Palate	β Teams Dissect Laboratory (249 to 252) *		
4 – 5 PM					
Non-Dissecting Groups View Prosections	α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	β Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15	α Teams 3:00 - 16 to 20 3:30 - 1 to 5 4:00 - 6 to 10 4:30 - 11 to 15		

Head & Neck Exam in CSSC: **July 19th – 3 pm β Teams 6 to 15; 4pm β Teams 1 to 5 and 16 to 20;**
July 20th – 3 pm α Teams 6 to 15; 4pm α Teams 1 to 5 and 16 to 20.

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Week 8 – End Head and Neck – Unit 2 Exams

Hour	Monday 7-25	Tuesday 7-26	Wednesday 7-27	Thursday 7-28	Friday 7-29
1 – 2 PM	Unit 2 Exams	Exam 2 Discussion of Performance	Embryology: Gastrointestinal System	Blood in the Stool	Independent Study Day
2 – 3 PM		Hernias and Abdominal Wall	Severe Abdominal Pain	Radiological Anatomy of the Abdomen and Bowel	
3 – 4 PM		α Teams Dissect Laboratory (78 to 87)* Abdominal Wall and Inguinal Region	β Teams Dissect Laboratory (87 to 96)* Abdominal Cavity 1	α Teams Dissect Laboratory (96 to 105)* Abdominal Cavity 2	
4 – 5 PM					
Non-Dissecting Groups View Prosections		β Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10	α Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10	β Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10	

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Week 9 - Abdomen

Hour	Monday 8-1	Tuesday 8-2	Wednesday 8-3	Thursday 8-4	Friday 8-5
1 – 2 PM	Independent Study Day	Grand Rounds - Clinical Presentation (J. Fogarty, M.D.)	Quiz 3	Vaginal Pain	Grand Rounds - Clinical Presentation (M. Manting, MD)
2 – 3 PM		Weakness in the Lower Extremity		α Teams Dissect Laboratory (113 to 124 ♂; 133 to 137 ♀)*	Trauma to the Perineum
3 – 4 PM		β Teams Dissect Laboratory (105 to 112)* Posterior Abdominal Wall		Male and Female Perineum	β Teams Dissect Laboratory (113 to 124 ♂; 133 to 137 ♀)*
4 – 5 PM					Male and Female Perineum
Non-Dissecting Groups View Prosections		α Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10		β Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10	α Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10

Abdomen Exam in CSSC: **August 4th – 3 pm β Teams 1 to 10; 4pm β Teams 11 to 20;**
August 5th – 3 pm α Teams 1 to 10; 4pm α Teams 11 to 20.

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Week 10 - Pelvis and Perineum

Hour	Monday 8-8	Tuesday 8-9	Wednesday 8-10	Thursday 8-11	Friday 8-12
1 – 2 PM	Radiological Anatomy of the Urogenital and Reproductive Systems	Embryology: Urogenital System	Grand Rounds - Clinical Presentation (R. Watson, M.D.	Review Time with Faculty and TAs	Unit 3 Practical Examination
2 – 3 PM	Right Lower Quadrant Pain	Back Pain	Practice Practical and Review		
3 – 4 PM	α Teams Dissect Laboratory (124 to133 ♂; 137 to 147 ♀)*	β Teams Dissect Laboratory (124 to133 ♂; 137 to 147 ♀)*			
4 – 5 PM	Male and Female Pelvis	Male and Female Pelvis			
Non-Dissecting Groups View Prosections	β Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10	α Teams 3:00 - 11 to 15 3:30 - 16 to 20 4:00 - 1 to 5 4:30 - 6 to 10			

Ultrasound Sessions:

August 8th – 3 pm β Teams 1 to 10; 4pm β Teams 11 to 20
 August 9th – 3 pm α Teams 1 to 10; 4pm α Teams 11 to 20

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Week 11 Examination Week

Hour	Monday 8-15	Tuesday 8-16	Wednesday 8-17	Thursday 8-18	Friday 8-19
Morning			Unit 3 Written Examination		NBME Subject Examination
Afternoon					

Teaching of Clinical Skills in Doctoring 101 correlated with the Clinical Anatomy Course

Extremity Exam: June 21st and 22nd from 3 to 5 pm

Lung Exam: June 29th and June 30th from 3 to 5 pm

Heart Exam: July 5th and 6th from 3 to 5 pm

Heart and Sounds: July 12th and 13th from 3 to 5 pm (Harvey Simulator)

Head & Neck Exam: July 19th and 20th from 3 to 5 pm

Abdomen Exam: August 4th and 5th from 3 to 5 pm