



The Florida State University  
College of Medicine

# Clinical Microanatomy

**SCHEDULE**

**BMS 6110C**

**FALL 2011**

# Clinical Microanatomy

## FALL 2011 SCHEDULE

Check locations for course activities in your FSUCOM master OUTLOOK class calendar. Materials for these events can be found at the course's Blackboard Web Site (<http://campus.fsu.edu>). Note that due to room scheduling conflicts and other exigencies, the schedule is subject to change and the student is advised to check the electronic OUTLOOK version of the schedule frequently. Changes in the schedule will also be e-mailed to the class. The lectures are designed to cover the course content in an organized fashion, illustrating the concepts and allowing time for you to ask questions.

### Color codes for course activities:

**Microanatomy Lectures**

**Team-based learning: Laboratory Sessions**

**Small group cases**

**Molecular Medicine lectures**

**Lecture review/ quizzes**

**Examination Tutorials**

**Examinations**

# Week 1: Histological Methods and Cell Biology

Hour	Monday 8-29	Tuesday 8-30	Wednesday 8-31	Thursday 9-1	Friday 9-2
2:45-4 PM	<b><i>Course Overview</i></b> <b><u>Expectations of Professionalism</u></b> Cell Structure and Function: Cell cytoplasm	Cell Structure and Function: Cell nucleus	Cell Signaling and Cell Death	Discussion of TBL process, electronic resources, histological techniques and microscopy	Lecture Review: <b><u>Quiz # 1</u></b>
4-5 PM					

## Week 2: Epithelial and Connective Tissue

Hour	Monday 9-5	Tuesday 9-6	Wednesday 9-7	Thursday 9-8	Friday 9-9
2:45-4 PM	Labor Day	Cell Structure and Function: Epithelial Tissue	Cell Structure and Function: Connective Tissue	Cell Structure and Function: Cartilage	Molecular Medicine: Blotting Techniques
4-5 PM					

## Week 3: Bone

Hour	Monday 9-12	Tuesday 9-13	Wednesday 9-14	Thursday 9-15	Friday 9-16
2:45-4 PM	TBL #1: Histology of Epithelial and Connective Tissue	Cell Structure and Function: Bone	Cell structure and Function: Joints	TBL #2: Histology of Bone and Cartilage	Lecture review <u>Quiz # 2</u>
4-5 PM		Small Group: Case # 1			

## Week 4: Blood

Hour	Monday 9-19	Tuesday 9-20	Wednesday 9-21	Thursday 9-22	Friday 9-23
2:45-4 PM	Cell Structure and Function: Blood Cell Types	Cell Structure and Function: Blood Cell mechanisms of action	Cell Structure and Function: Hematopoiesis and Clinical correlates	<b>Examination #1: Tutorial with Test-style questions (Optional)</b>	<b>Examination # 1</b>
4-5 PM		TBL #3: Histology of Blood cells			

## Week 5: Muscle

Hour	Monday 9-26	Tuesday 9-27	Wednesday 9-28	Thursday 9-29	Friday 9-30
2:45-4 PM	Cell Structure and Function: Skeletal Muscle I	Cellular Structure and Function: Skeletal Muscle II	Cell Structure and Function: Cardiac and Smooth Muscle	TBL #4: Histology of Muscle	Lecture review <u>Quiz #3</u>
4-5 PM		Small group: Case #2			

## Week 6: Cardiovascular System

Hour	Monday 10-3	Tuesday 10-4	Wednesday 10-5	Thursday 10-6	Friday 10-7
2:45-4 PM	Cell Structure and Function: Heart	Cell Structure and Function: Vasculature	Cellular Mechanisms of Disease: Cardiovascular System	TBL #5: Histology of Cardiovascular System	Molecular Medicine: Translational Research
4-5 PM					



## Week 7: Digestive System

Hour	Monday 10-10	Tuesday 10-11	Wednesday 10-12	Thursday 10-13	Friday 10-14
2:45-4PM	Cell Structure and Function: Upper GI Tract	Cell Structure and Function: Lower GI Tract	Cell Structure and Function: Liver and Pancreas	TBL #6: Histology of Digestive System	Lecture review <u>Quiz # 4</u>
4-5 PM		Small Group: Case # 3			

## Week 8: Special Senses

Hour	Monday 10-17	Tuesday 10-18	Wednesday 10-19	Thursday 10-20	Friday 10-21
2:45-4 PM	Cell Structure and Function: Visual System	Cell Structure and Function: Auditory System	Cell Structure and Function: Olfactory System	TBL #7: Histology of the Special Senses	Examination # 2
4-5 PM				Examination #2: Tutorial with Test-style questions (Optional)	

## Week 9: Nervous System

Hour	Monday 10-24	Tuesday 10-25	Wednesday 10-26	Thursday 10-27	Friday 10-28
2:45-4 PM	Cell Structure and Function: Nervous System I	Cell Structure and Function: Nervous System II	Cell structure and Function: Nervous System III	TBL #8: Histology of the Nervous System	Lecture review <u>Quiz #5</u>
4-5 PM		Small Group: Case #4			

## Week 10: Respiratory System

Hour	Monday 10-31	Tuesday 11-1	Wednesday 11-2	Thursday 11-3	Friday 11-4
2:45-4 PM	Cell Structure and Function: Upper Respiratory System	Cell Structure and Function: Lower Respiratory System	Cellular Mechanisms of Disease: Respiratory System	TBL #9: Histology of the Respiratory System	Molecular Medicine: High throughput Methods Part I
4-5 PM					

## Week 11: Urinary System

Hour	Monday 11-7	Tuesday 11-8	Wednesday 11-9	Thursday 11-10	Friday 11-11
2:45-3:30 PM	Cell Structure and Function: Kidney I	Cell Structure and Function: Kidney II	Cell Structure and Function: Lower Urinary Tract	TBL #10: Histology of Urinary System  <u>Quiz # 6</u>	<b>Veteran's Day</b> <b>No class</b>
3:45-5 PM		Large Group: Case #5			

## Week 12: Endocrine System

Hour	Monday 11-14	Tuesday 11-15	Wednesday 11-16	Thursday 11-17	Friday 11-18
2:45-4 PM	Cell Structure and Function: Endocrine System I	Cell Structure and Function: Endocrine System II	TBL #11: Histology of Endocrine System	Molecular Medicine: High throughput Methods Part II	<b>Examination # 3</b>
4-5 PM		Large Group: Case #6		<b>Examination #3 Tutorial with questions (Optional)</b>	

## Week 13: Reproductive System

Hour	Monday 11-21	Tuesday 11-22	Wednesday 11-23	Thursday 11-24	Friday 11-25
2:45-4 PM	Cell Structure and Function: Male Reproductive System	Cell Structure and Function: Female Reproductive System I	Independent Study Day	<b>Thanksgiving No Class</b>	<b>No Class</b>
4-5 PM					

## Week 14: Lymphatic and Integumentary System

Hour	Monday 11-28	Tuesday 11-29	Wednesday 11-30	Thursday 12-1	Friday 12-2
2:45-4 PM	Cell Structure and Function: Lymphatic System I	Cell Structure and Function: Lymphatic System II  Lecture review <b><u>Quiz # 7</u></b>	TBL #12: Histology Reproductive Lymphatic System and Integumentary System	<b>Examination #4 Tutorial with questions (Optional)</b>	NBME Shelf Exam Review
4-5 PM		Integumentary System			



## Week 15: Final Examinations

Hour	Monday 12-5	Tuesday 12-6	Wednesday 12-7	Thursday 12-8	Friday 12-9
8:15-11:00	<i>No Class</i>	<i>No Class</i>	Examination #4	NBME	