

Foundations of Clinical Medicine

MS1 - COM 501 - Fall 2017

8/7/2017 - 9/22/2017

Weeks	Date	Time	Title	Faculty
Week 1				
	Monday, 8/7/17	8:00 - 8:30 am	Introduction to Foundations	Ely
	Monday, 8/7/17	8:30 - 9:00 am	Body & Fluid Compartments*	Yarbrough
	Monday, 8/7/17	9:00 - 10:00 am	Clinical Presentation: Well Visits	Elango
	Monday, 8/7/17	10:00 - 12:00 pm	Normal Cell Structure & Function (+ Protein Structure & Function)	Bradbury
	Monday, 8/7/17	12:00 - 1:00 pm	LUNCH	
	Monday, 8/7/17	1:00 - 5:00 pm	SELF STUDY	
	Tuesday, 8/8/17	8:00 - 9:00 am	Enzyme Function & Kinetics	Bradbury
	Tuesday, 8/8/17	9:00 - 11:00 am	Microbiota & Infectious; Agents: Biology & Ways of Life	El-Sawi
	Tuesday, 8/8/17	11:00 - 12:00 pm	Human Immune Response Overview	Ely
	Tuesday, 8/8/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/8/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 8/9/17	8:00 - 10:00 am	Masters Colloquium	
	Wednesday, 8/9/17	10:00 - 12:00 pm	Cell Growth & Communication	Bradbury
	Wednesday, 8/9/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/9/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 8/10/17	8:00 - 9:00 am	DNA Review WORKSHOP: structure , replication, repair, transcription, translation	Bradbury
	Thursday, 8/10/17	9:00 - 10:00 am	Innate Immune Response & Inflammation	Ely
	Thursday, 8/10/17	10:00 - 12:00 pm	Medical Skills / Self Study	
	Thursday, 8/10/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/10/17	1:00 - 3:00 pm	Medical Skills / Self Study	
	Thursday, 8/10/17	3:00 - 5:00 pm	Medical Skills / Self Study	
	Friday, 8/11/17	8:00 - 10:00 am	Introduction to Pharmacokinetics	Gerriets
	Friday, 8/11/17	10:00 - 12:00 pm	MANDATORY: Clinical Case	
	Friday, 8/11/17	12:00 - 1:00 pm	LUNCH	
	Friday, 8/11/17	1:00 - 5:00 pm	SELF STUDY	
Week 2				
	Monday, 8/14/17	8:00 - 9:00 am	Clinical Presentation: Genetic Counsel	Art Grix
	Monday, 8/14/17	9:00 - 10:00 am	Introduction to Medical Genetics	Bradbury

	Monday, 8/14/17	10:00 - 11:00 am	Control of the Cell Cycle	Bradbury
	Monday, 8/14/17	11:00 - 12:00 pm	Mechanism of Placebo Effects	Arias
	Monday, 8/14/17	12:00 - 1:00 pm	LUNCH	
	Monday, 8/14/17	1:00 - 5:00 pm	SELF STUDY	
	Tuesday, 8/15/17	8:00 - 9:30 am	Genetic Variations, Autosomal and Sex Linked Inheritance WORKSHOP	Bradbury
	Tuesday, 8/15/17	9:30 - 11:00 am	Complement WORKSHOP	Ely
	Tuesday, 8/15/17	11:00 - 12:00 pm	Targeting & Trafficking of Proteins	Bradbury
	Tuesday, 8/15/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/15/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 8/16/17	8:00 - 10:00 am	Masters Colloquium	
	Wednesday, 8/16/17	10:00 - 11:00 am	Pedigrees and Genograms WORKSHOP	Bradbury
	Wednesday, 8/16/17	11:00 - 12:00 pm	Cytogenetic Disorders	Bradbury
	Wednesday, 8/16/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/16/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 8/17/17	8:00 - 10:00 am	Introduction to Pharmacodynamics	Arias
	Thursday, 8/17/17	10:00 - 12:00 pm	Medical Skills / Self Study	
	Thursday, 8/17/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/17/17	1:00 - 3:00 pm	Medical Skills / Self Study	
	Thursday, 8/17/17	3:00 - 5:00 pm	Medical Skills / Self Study	
	Friday, 8/18/17	8:00 - 9:00 am	Population Genetics & Non-Standard Inheritance	Bradbury
	Friday, 8/18/17	9:00 - 10:00 am	Pharmacogenomics	Gerriets
	Friday, 8/18/17	10:00 - 12:00 pm	MANDATORY: Clinical Case	
	Friday, 8/18/17	12:00 - 1:00 pm	LUNCH	
	Friday, 8/18/17	1:00 - 5:00 pm	SELF STUDY	
Week 3				
	Monday, 8/21/17	8:00 - 10:00 am	Formative Exam	
	Monday, 8/21/17	10:00 am - 11:00 am	SOLAR ECLIPSE	
	Monday, 8/21/17	11:00 - 12:00 pm	Clinical Presentation: Abnormal Lipids	Sheffield
	Monday, 8/21/17	12:00 - 1:00 pm	LUNCH	
	Monday, 8/21/17	1:00 - 5:00 pm	SELF STUDY	
	Tuesday, 8/22/17	8:00 - 9:00 am	Cholesterol Metabolism	Bradbury
	Tuesday, 8/22/17	9:00 - 10:00 am	Cholesterol Transport	Bradbury

	Tuesday, 8/22/17	10:00 - 11:00 am	Pathology of Atherosclerosis	Ramsamooj
	Tuesday, 8/22/17	11:00 - 12:00 am	Carbohydrate Metabolism	Gerriets
	Tuesday, 8/22/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/22/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 8/23/17	8:00 - 10:00 am	TCA Cycle & Oxidative Phosphorylation	Ibrahim
	Wednesday, 8/23/17	10:00 - 11:00 am	Fatty acid Metabolism	Bradbury
	Wednesday, 8/23/17	11:00 - 12:00 pm	Antigen Presentation	Ely
	Wednesday, 8/23/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/23/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 8/24/17	8:00 - 9:00 am	Introduction to Embryology & Gametogenesis	Bradbury
	Thursday, 8/24/17	9:00 - 10:00 am	Antigen Receptors & V(D)J Recombination	Ely
	Thursday, 8/24/17	10:00 - 12:00 pm	Medical Skills / Self Study	
	Thursday, 8/24/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/24/17	1:00 - 3:00 pm	Medical Skills / Self Study	
	Thursday, 8/24/17	3:00 - 5:00 pm	Medical Skills / Self Study	
	Friday, 8/25/17	8:00 - 9:00 am	Pharmacological Management of Abnormal Lipids	Arias
	Friday, 8/25/17	9:00 - 10:00 am	Drug-Patient Factors	Gerriets
	Friday, 8/25/17	10:00 - 12:00 pm	MANDATORY: Clinical Case	
	Friday, 8/25/17	12:00 - 1:00 pm	LUNCH	
	Friday, 8/25/17	1:00 - 2:00 pm	OPTIONAL Course Review	
	Friday, 8/25/17	2:00 - 5:00 pm	SELF STUDY	
Week 4				
	Monday, 8/28/17	8:00 - 11:00 am	Mid- Course Exam	Ranasinghe
	Monday, 8/28/17	11:00 - 12:00 pm	Clinical Presentation: Sore Throat	Ramsamooj
	Monday, 8/28/17	12:00 - 1:00 pm	LUNCH	
	Monday, 8/28/17	1:00 - 5:00 pm	SELF STUDY	
	Tuesday, 8/29/17	8:00 - 9:00 am	Pathology of Sore Throat and Acute Inflammation	Ramsamooj
	Tuesday, 8/29/17	9:00 - 10:00 am	Embryology: Fertilization, Cleavage, Early Implantation	Bradbury
	Tuesday, 8/29/17	10:00 - 11:00 am	T-Cell Development & Function	Ely
	Tuesday, 8/29/17	11:00 - 12:00 pm	The Scientific Method	Puglisi
	Tuesday, 8/29/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/29/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 8/30/17	8:00 - 10:00 am	Masters Colloquium	

	Wednesday, 8/30/17	10:00 - 11:00 am	Embryology: Germ Layer Formation	Bradbury
	Wednesday, 8/30/17	11:00 - 12:00 pm	Descriptive Biostatistics; Variables & Distributions Part 1	Puglisi
	Wednesday, 8/30/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/30/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 8/31/17	8:00 - 10:00 am	Introduction to Bacteriology	El-Sawi
	Thursday, 8/31/17	10:00 - 12:00 pm	Medical Skills / Mandatory Histology Lab / Self Study	Hejazi & Ramsamooj
	Thursday, 8/31/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/31/17	1:00 - 3:00 pm	Medical Skills / Mandatory Histology Lab / Self Study	Hejazi & Ramsamooj
	Thursday, 8/31/17	3:00 - 5:00 pm	Medical Skills / Mandatory Histology Lab / Self Study	Hejazi & Ramsamooj
	Friday, 9/1/17	8:00 - 9:00 am	Introduction to Antibiotics	Gerriets
	Friday, 9/1/17	9:00 - 10:00 am	Antibiotic Therapy for Sore Throat	Gerriets
	Friday, 9/1/17	10:00 - 12:00 pm	MANDATORY: Clinical Case	
	Friday, 9/1/17	12:00 - 1:00 pm	LUNCH	
	Friday, 9/1/17	1:00 - 5:00 pm	SELF STUDY	
Week 5				
	Monday, 9/4/17	HOLIDAY - Labor Day		
	Tuesday, 9/5/17	8:00 - 9:00 am	Clinical Presentation: Fever	Falck
	Tuesday, 9/5/17	9:00 - 10:00 am	Physiological Control of Temperature	Yarbrough
	Tuesday, 9/5/17	10:00 - 12:00 pm	Introduction to Virology	El-Sawi
	Tuesday, 9/5/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 9/5/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 9/6/17	8:00 - 9:00 am	Descriptive Biostatistics. Variables / Distributions Part 2	Puglisi
	Wednesday, 9/6/17	9:00 - 10:00 am	B-Cells: Development & Function	Ely
	Wednesday, 9/6/17	10:00 - 11:00 am	B-Cell Function & Introduction to Vaccines WORKSHOP	Ely
	Wednesday, 9/6/17	11:00 - 12:00 pm	Autonomic Nervous System Intro & Relevant Neurochemistry	Yarbrough
	Wednesday, 9/6/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 9/6/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 9/7/17	8:00 - 10:00 am	Autonomic Pharmacology	Gerriets
	Thursday, 9/7/17	10:00 - 12:00 pm	Medical Skills / Mandatory Biostats Lab / Self Study	
	Thursday, 9/7/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 9/7/17	1:00 - 3:00 pm	Medical Skills / Mandatory Biostats Lab / Self Study	
	Thursday, 9/7/17	3:00 - 5:00 pm	Medical Skills / Mandatory Biostats Lab / Self Study	

	Friday, 9/8/17	8:00 - 9:00 am	P Values & Statistical Significance	Puglisi
	Friday, 9/8/17	9:00 - 10:00 am	Pharmacological Management of Fever	Arias
	Friday, 9/8/17	10:00 - 12:00 pm	MANDATORY: Clinical Cases	
	Friday, 9/8/17	12:00 - 1:00 pm	LUNCH	
	Friday, 9/8/17	1:00 - 5:00 pm	SELF STUDY	
Week 6				
	Monday, 9/11/17	8:00 - 9:00 am	Clinical Presentation: Allergic Reaction	Ranasinghe
	Monday, 9/11/17	9:00 - 10:00 am	Introduction to Pathological Process & Cellular Adaptation	Ramsamooj
	Monday, 9/11/17	10:00 - 11:00 am	Reversible & Irreversible Cell Injury (Necrosis & Apoptosis)	Hejazi
	Monday, 9/11/17	11:00 - 12:00 pm	Chronic Inflammation & Systemic Effects of Inflammation	Hejazi
	Monday, 9/11/17	12:00 - 1:00 pm	LUNCH	
	Monday, 9/11/17	1:00 - 5:00 pm	SELF STUDY	
	Tuesday, 9/12/17	8:00 - 10:00 am	Introduction to Mycology & Parasitology	El-Sawi
	Tuesday, 9/12/17	10:00 - 11:00 am	Hypersensitivity Reactions & Allergy	Ely
	Tuesday, 9/12/17	11:00 - 12:00 pm	Pharmacological Management of Allergic Reactions	Gerriets
	Tuesday, 9/12/17	12:00 - 1:00 pm	LUNCH	
	Tuesday, 9/12/17	1:00 - 5:00 pm	SELF STUDY	
	Wednesday, 9/13/17	8:00 - 10:00 am	MANDATORY: Masters Colloquium	
	Wednesday, 9/13/17	10:00 - 12:00 pm	MANDATORY: Introduction to Neoplasia WORKSHOP	Hejazi
	Wednesday, 9/13/17	12:00 - 1:00 pm	LUNCH	
	Wednesday, 9/13/17	1:00 - 5:00 pm	SELF STUDY	
	Thursday, 9/14/17	8:00 - 9:00 am	Introduction to Chemotherapy	Feng
	Thursday, 9/14/17	9:00 - 10:00 am	Tissue Repair and Healing	Ramsamooj
	Thursday, 9/14/17	10:00 - 12:00 pm	Medical Skills / MANDATORY: Biostats Lab / Self Study	
	Thursday, 9/14/17	12:00 - 1:00 pm	LUNCH	
	Thursday, 9/14/17	1:00 - 3:00 pm	Medical Skills / MANDATORY: Biostats Lab / Self Study	
	Thursday, 9/14/17	3:00 - 5:00 pm	Medical Skills / MANDATORY: Biostats Lab / Self Study	
	Friday, 9/15/17	8:00 - 9:30 am	Pharmacokinetics Wrap-up & Review WORKSHOP	Gerriets
	Friday, 9/15/17	9:30 - 10:00 am	MANDATORY COURSE EVALUATION	Puglisi
	Friday, 9/15/17	10:00 - 12:00 pm	MANDATORY: Clinical Cases	
	Friday, 9/15/17	12:00 - 1:00 pm	LUNCH	
	Friday, 9/15/17	1:00 - 2:30 pm	OPTIONAL Course Review	
	Friday, 9/15/17	2:30 - 5:00 pm	SELF STUDY	

Week 7	Monday, 9/18/17	8:00 - 11:00 pm	Comprehensive Summative Exam	
EXAM				
	Tuesday, 9/19/17	1:00 - 5:00 pm	N/A	
	Wednesday, 9/20/17	8:00 - 5:00 pm	N/A	
	Thursday, 9/21/17	8:00 - 5:00 pm	Medical Skills Practice Session	
	Friday, 9/22/17	8:00 - 5:00 pm	Potential Remediation / Review Time	

Updated: 7/27/2017

Version: *Always refer to specific course syllabi for more detailed scheduling information*****