

BLOCK 5

2023-2024

Attendance*



Live Session @ CUSOM



Live Session / Quiz @ Remote Delivery (100% Mandatory Attendance)



Live Session @ CUSOM (100% Mandatory Attendance)



Prerecorded Session



Live Exam / Quiz @ CUSOM (100% Mandatory Attendance)



Live Special Events @ CUSOM (100% Mandatory Attendance)

* See Course Syllabi for further information

Student Hours

Students are strongly encouraged to reach out and contact Course Directors and teaching faculty to arrange meeting times to discuss course content.

ORIENTATION

2023-2024

Time	Monday, July 24, 2023	Tuesday, July 25, 2023	Wednesday, July 26, 2023	Thursday, July 27, 2023	Friday, July 28, 2023	Time
8:30				ARRIVAL	CABS - I - Exam	8:30
9:00				MS-2 ORIENTATION	200 Questions from USMLE First Aid and USMLE Pharm Cards	9:00
9:30				Session 1		9:30
10:00						10:00
10:30						10:30
11:00						11:00
11:30						11:30
12:00				Lunch (Provided) With Academic Advisors		12:00
12:30					CUSOM SOCIAL Classes of 2026 and 2027 Lunch Provided	12:30
1:00						1:00
1:30						1:30
2:00						2:00
2:30				2:30		
3:00				Locker Assignment	3:00	
3:30					FREE TIME	3:30
4:00						4:00
4:30						4:30
5:00						5:00
5:30				5:30		

BLOCK 5 WEEK 1

2023-2024

Time	Monday, July 31, 2023	Tuesday, August 1, 2023	Wednesday, August 2, 2023	Thursday, August 3, 2023	Friday, August 4, 2023	Time				
8:30	Respiratory 01	Cardiovascular 03	Respiratory 05	Cardiovascular 06	Integrated Quiz 1	8:30				
9:00	Review of Respiratory Anatomy and Imaging	Contractile and Regulatory Proteins in Cardiomyocytes	Obstructive Lung Disease I - Pathophysiology I	Atherosclerosis - Lipid Disorders - Pathophysiology	07/31/23 - 08/02/23	9:00				
	Drs. Foster / Larson	Dr. Sparks	Dr. Alekseev	Dr. Fink	Quiz Review					
9:30	Respiratory 02	Cardiovascular 04	Respiratory 06	Cardiovascular 07	OPTIONAL	9:30				
	Review of Respiratory Physiology	Cardiac Cycle	Obstructive Lung Disease II - Pathophysiology II	Cardiac Electrophysiology	FMP 01					
10:00	Dr. Alekseev	Dr. Zhu	Dr. Alekseev	Dr. Petrović	Course Introduction / Scholarly Project Updates	10:00				
10:30	Cardiovascular 01	Respiratory 03	Cardiovascular 05	Respiratory 07	Drs. Hamrick/Dogbey & Mr. Bahnman	10:30				
11:00	Common Cardiovascular Presentations	Hypoxemia	Hemodynamics	Obstructive Lung Disease III - Pathology	FMP 02	11:00				
	Dr. Stewart	Dr. Alekseev	Dr. Zhu	Dr. Alekseev	Critical Appraisal of Articles					
11:30	Cardiovascular 02	Respiratory 04	Lunch	OMM 01	PCC 01	11:30				
12:00	Cardiovascular Anatomy Review and Imaging	Pulmonary Function Tests		Course Roadmap; Introduction to Systems Based Treatment	Law and Medicine 101	12:00				
	Drs. Foster / Larson	Dr. Alekseev		Dr. Hon	Ms. Bowman					
12:30	Lunch	Study Time	Grand Rounds 12:30-1:30	Lunch	PCC 02	12:30				
1:00					Anatomy of a Lawsuit	1:00				
1:30	Clinical Skills 01		Study Time	OMM Lab 01	Study Time	1:30				
2:00	4-Station Workshop (1 hour/Each Skill)			Foundational Principles for Systems Based Treatment		3:00				
2:30							GROUP A	3:30		
3:00									OMM Lab 01	4:00
3:30										
4:00				OMM Pre-Session 01 SDL		5:00				
4:30							Week 1 Content - Due 5 pm	5:30		
5:00									Study Time	GROUP B
5:30										

BLOCK 5 WEEK 2

2023-2024

Time	Monday, August 7, 2023	Tuesday, August 8, 2023	Wednesday, August 9, 2023	Thursday, August 10, 2023	Friday, August 11, 2023		Time
8:30	Cardiovascular 08	Respiratory 10	Cardiovascular 13	Respiratory 12	Integrated Quiz 2		8:30
9:00	Drugs for Dyslipidemias I - Pharmacology	Pharmacologic Management of Respiratory Disorders	Angiotensin Inhibitors - Pharmacology	Antihistamines and Decongestants - Pharmacology	08/03/23 - 08/09/23		9:00
	Dr. Li	Dr. Li	Dr. Li	Dr. Li	Quiz Review		
9:30	Cardiovascular 09	Cardiovascular 10	Cardiovascular 14	Respiratory 13	Clinical Skills 04	Clinical Skills 05	9:30
	Drugs for Dyslipidemias II - Pharmacology	Basic EKG	Diuretics - Pharmacology	Restrictive Lung Disease I - Pathology	Small Group Clinical Case	Arterial Blood Gases (ABG) (1 hour/Session)	
10:00	Dr. Li	Dr. Stewart	Dr. Li	Dr. Brenseke			10:00
10:30	Respiratory 08	Cardiovascular 11	Respiratory 11	Respiratory 14			10:30
11:00	Obstructive Lung Disease IV - Clinical	Hypertension - Pathophysiology	Asthma and Allergies - Immunology	Restrictive Lung Disease II - Clinical			11:00
	Dr. Cappola	Dr. Vaidya	Dr. Hamrick	Drs. Hayes / Larson			
11:30	Respiratory 09	Cardiovascular 12	Cardiovascular 15	OMM 02	Study Time		11:30
12:00	Acid Base Disorders	Clinical Management of Lipid Disorders	Calcium Channel Blockers and Other Vasodilators	SDL: Osteopathic Considerations in Cardiology			12:00
	Dr. Vaidya	Dr. Agnello	Dr. Li	Dr. Gish			
12:30		Study Time	Study Time				FMP WORKSHOP - OPTIONAL
1:00	Lunch			Lunch		1:00	
1:30	Clinical Skills 02			OMM Lab 02		1:30	
2:00	3-Station Workshop (1 hour/Session)			Scanning/Screening of the Cardiopulmonary System, Chapman Points	GROUP A	2:00	
2:30						2:30	
3:00			3:00				
3:30			3:30				
4:00			Rhythm Strips	Scanning/Screening of the Cardiopulmonary System, Chapman Points	Study Time	4:00	
4:30						4:30	
5:00						5:00	
5:30			GROUP B		5:30		

BLOCK 5 WEEK 3

2023-2024

Time	Monday, August 14, 2023	Tuesday, August 15, 2023	Wednesday, August 16, 2023	Thursday, August 17, 2023	Friday, August 18, 2023	Time	
8:30	Respiratory 15	Cardiovascular 18	Respiratory 19	Cardiovascular 21	Integrated Quiz 3	8:30	
	Occupational Lung Disease	Beta-Blockers and Other Sympatholytic Drugs	Viral Pulmonary Disease I - Microbiology	Pharmacological Management of Heart Failure I	08/10/23 - 08/16/23		
9:00	Drs. Hayes / Larson	Dr. Li	Drs. Hinkelman / Hayes	Dr. Li	Quiz Review	9:00	
					OPTIONAL		
9:30	Respiratory 16	Cardiovascular 19	Respiratory 20	Cardiovascular 22	PCC 03	9:30	
	Pleural / Mediastinal / Chest Wall Disease I - Pathology	Heart Failure I - Pathophysiology	Viral Pulmonary Disease II - Clinical	Pharmacological Management of Heart Failure II	In re Quinlan & Eichner v. Dillon		
10:00	Dr. Proia	Dr. Petrović	Drs. Hayes / Hinkelman	Dr. Li	Ms. Bowman	10:00	
10:30	Cardiovascular 16	Respiratory 17	Respiratory 21	Cardiovascular 23	PCC 04	10:30	
	EKG-I Clinical	Pleural / Mediastinal / Chest Wall Disease II - Clinical	Antivirals - Pharmacology	Vasculitis - Pathology	Roe v. Wade: Personal Liberty...The Patient Decides		
11:00	Dr. G. Hamrick	Drs. Hayes / Larson	Dr. Li	Dr. Brenseke	Ms. Bowman	11:00	
11:30	Cardiovascular 17	Respiratory 18	Cardiovascular 20	OMM 03	FMP 03	11:30	
	EKG-II Clinical	Pleural / Mediastinal / Chest Wall Disease III - Clinical	Heart Failure II - Clinical	Applications of OMM in Cardiac Conditions	Papers that Report Trials of Drug Treatments and Other Simple Interventions		
12:00	Dr. G. Hamrick	Drs. Hayes / Larson	Drs. Stewart / Larson	Dr. Gish	Dr. Herring	12:00	
12:30	Lunch	Lunch	Lunch	Lunch	FMP 04	12:30	
			OMM Pre-Session 03 SDL			Assessing Methodological Quality	
1:00			Week 3 Content - Due 5 pm				
			Lunch				Dr. Ahiawodzi
1:30	Clinical Skills 06	Clinical Skills 06	Clinical Skills 07	OMM Lab 03	Study Time	1:30	
2:00	Pulmonary Function Tests (1 hour/Session)	Pulmonary Function Tests (1 hour/Session)	2-Station Workshop (1 hour/Session)	Osteopathic Approach to the Cardiac Patient	FMP WORKSHOP - OPTIONAL	2:00	
2:30						2:30	
3:00				GROUP A	Study Time	3:00	
3:30						OMM Lab 03	3:30
4:00				Osteopathic Approach to the Cardiac Patient		4:00	
4:30						4:30	
5:00						5:00	
5:30						GROUP B	5:30

BLOCK 5 WEEK 4

2023-2024

Time	Monday, August 21, 2023	Tuesday, August 22, 2023	Wednesday, August 23, 2023	Thursday, August 24, 2023	Friday, August 25, 2023		Time
8:30	Integrated Exam 1	Respiratory 22	Cardiovascular 25	Cardiovascular 29	Integrated Quiz 4		8:30
9:00	Weeks 1 - 3 & Review	Bacterial Pneumonia - Microbiology Dr. Kuo	Valvular Disease I - Pathology Dr. Proia	Cardiomyopathies II - Clinical Dr. Devore	08/22/23 - 08/23/23		9:00
					Quiz Review		
9:30		Respiratory 23	Cardiovascular 26	Cardiovascular 30	OPTIONAL		9:30
10:00		Pneumonia - Clinical Drs. Stewart / Larson	Valvular Disease II - Clinical Dr. Stewart	Myocarditis and Pericarditis I - Pathology Dr. Brenseke	Small Group Clinical Case	Heart Murmurs (1 hour/Session)	
10:30		Respiratory 24	Cardiovascular 27	Respiratory 26			10:30
11:00		Antibacterials - Pharmacology Dr. Li	Valvular Disease III - Clinical Dr. Stewart	Pulmonary Embolism / DVT Dr. Powers			11:00
11:30		Cardiovascular 24	Cardiovascular 28	OMM 04			Study Time
12:00		Lunch	Cardiovascular Tumors - Pathology Dr. Brenseke	Cardiomyopathies I - Pathology Dr. Proia	Application of OMM in Chest Cage Pain Dr. Bringhurst	12:00	
12:30	Respiratory 25		Advisor Meetings	Lunch	12:30		
1:00	Clinical Skills 08	Vascular Pulmonary Diseases - Pathophysiology Dr. Alekseev			Simulation #1 (90 mins/Session)	Study Time	
1:30			OMM Lab 04	1:30			
2:00		Study Time	Osteopathic Approach to Rib and Chest Wall Pain	FMP WORKSHOP - OPTIONAL			2:00
2:30							GROUP A
3:00			OMM Lab 04	Study Time			3:00
3:30			Osteopathic Approach to Rib and Chest Wall Pain				3:30
4:00			OMM Pre-Session 04 SDL				4:00
4:30		Week 4 Content - Due 5 pm	4:30				
5:00		Study Time	5:00				
5:30			GROUP B	5:30			

BLOCK 5 WEEK 5

2023-2024

Time	Monday, August 28, 2023	Tuesday, August 29, 2023	Wednesday, August 30, 2023	Thursday, August 31, 2023	Friday, September 1, 2023	Time
8:30	Cardiovascular 31	Cardiovascular 35	Cardiovascular 37	Respiratory 30	Integrated Quiz 5	8:30
	Myocarditis and Pericarditis II - Clinical Dr. Kastner	Atrial and Ventricular Arrhythmias - Clinical II Dr. G. Hamrick	Ischemic Heart Disease - Pathophysiology Dr. Proia	Antifungals and Pharmacologic Treatment of TB Dr. Li	08/24/23 - 08/30/23	9:00
Quiz Review						
9:00					OPTIONAL	
9:30	Cardiovascular 32	Cardiovascular 36	Cardiovascular 38	Cardiovascular 41	FMP 05	9:30
10:00	Hypertension - Clinical Dr. Pennings	Atrial and Ventricular Arrhythmias - Clinical III Dr. G. Hamrick	Pharmacological Management of Cardiac Arrhythmias I Dr. Li	Anticoagulants, Platelet Inhibitors and Thrombolytics Dr. Li	50 Studies Every Doctor Should Know: The AFFIRM Trial	10:00
	Dr. T. Hamrick					
10:30	Cardiovascular 33	Respiratory 27	Cardiovascular 39	Respiratory 31	FMP 06	10:30
11:00	Arrhythmia - Pathophysiology Dr. Alekseev	TB, HAI and Fungal Pneumonia / Opportunistic Pulmonary Infections I Drs. Kuo / Brenseke / Larson	Pharmacological Management of Cardiac Arrhythmias II Dr. Li	Pulmonary Hypertension / Cor Pulmonale Dr. Hayes	50 Studies Every Doctor Should Know: The CAST Trial	11:00
	TBD					
11:30	Cardiovascular 34	Respiratory 28	Lunch	OMM 05	PCC 05	11:30
12:00	Atrial and Ventricular Arrhythmias - Clinical I Dr. G. Hamrick	TB, HAI and Fungal Pneumonia / Opportunistic Pulmonary Infections II Drs. Kuo / Brenseke / Larson		SDL: Osteopathic Considerations in Respiratory System Dr. Hon	Treating the Critically Ill Patient - Legal Aspects Ms. Bowman	12:00
12:30	Lunch	Lunch	Cardiovascular 40	Lunch	PCC 06	12:30
1:00			Cardiovascular Issues in Pregnancy Dr. Holder		Medical Jurisprudence: 101 Case Studies Ms. Bowman	1:00
1:30	Clinical Skills 11	Clinical Skills 12	Respiratory 29	OMM Lab 05	Study Time	1:30
2:00	SP Practice (1 hour/Session)	Ultrasound Lab (1 hour/Session)	Microbiology of Bioterrorism Dr. Hamrick	BLT for Extremities and Regions Below the Diaphragm	FMP WORKSHOP - OPTIONAL	2:00
2:30			Study Time			GROUP A OMM Lab 05
3:00				BLT for Extremities and Regions Below the Diaphragm	Study Time	
3:30			3:30			
4:00			4:00			
4:30			4:30			
5:00			5:00			
5:30			Study Time	GROUP B	5:30	

BLOCK 5 WEEK 6

2023-2024

Time	Monday, September 4, 2023	Tuesday, September 5, 2023	Wednesday, September 6, 2023	Thursday, September 7, 2023	Friday, September 8, 2023	Time		
8:30	Labor Day Holiday	Cardiovascular 42	Respiratory 33	Respiratory 34	Integrated Quiz 6	8:30		
9:00		Ischemic Heart Disease - Clinical Dr. Vakani	Neoplastic Lung Disease II - Pathology Drs. Proia / Larson	Chemotherapy of Lung Cancer Dr. Harris	08/31/23 - 09/06/23 Quiz Review OPTIONAL	9:00		
		9:30	Cardiovascular 43	Cardiovascular 45	Cardiovascular 48		Clinical Skills 14	9:30
10:00		Pharmacological Management of Ischemic Heart Disease I Dr. Li	Cardiac Complications of Acute Myocardial Infarction Dr. Powers	Syncope - Clinical Dr. Stewart	Small Group Clinical Case	10:00		
10:30		Cardiovascular 44	Cardiovascular 46	Respiratory 35		10:30		
11:00		Pharmacological Management of Ischemic Heart Disease II Dr. Li	Peripheral Vascular Disease / Aortic Disease Lymphatics I - Pathology Drs. Larson / Proia	Neoplastic Lung Disease III - Clinical Drs. Stewart / Larson		11:00		
11:30		Respiratory 32	Cardiovascular 47	OMM 06		Study Time	11:30	
12:00		Neoplastic Lung Disease I - Genetics Dr. Sparks	Peripheral Vascular Disease / Aortic Disease Lymphatics II - Clinical Dr. Cappola	Application of OMM in Upper Respiratory Conditions Dr. Motyka	12:00			
12:30		Lunch	Lunch	Lunch	12:30			
1:00		Clinical Skills 13	Clinical Skills 13		1:00			
1:30		Formative OSCE (30 mins/Student)	Formative OSCE (30 mins/Student)	OMM Lab 06	Study Time	1:30		
2:00				Osteopathic Approach to Upper Respiratory Conditions		FMP WORKSHOP - OPTIONAL	2:00	
2:30							2:30	
3:00				Osteopathic Approach to Upper Respiratory Conditions		Study Time	3:00	
3:30					GROUP A OMM Lab 06		3:30	
4:00					Osteopathic Approach to Upper Respiratory Conditions		Study Time	4:00
4:30								4:30
5:00				OMM Pre-Session 06 SDL		5:00		
5:30				Week 6 Content - Due 5 pm		GROUP B		5:30

BLOCK 5 WEEK 7

2023-2024

Time	Monday, September 11, 2023	Tuesday, September 12, 2023	Wednesday, September 13, 2023	Thursday, September 14, 2023	Friday, September 15, 2023	Time			
8:30	Integrated Exam 2	Cardiovascular 49	Respiratory 38	Cardiovascular 53	Integrated Quiz 7	8:30			
9:00	Weeks 4 - 6 and Review	Shock I - Immunology	Pediatric Pulmonary Disease I	Rheumatic Heart Disease - Immunology	09/12/23 - 09/13/23	9:00			
		Dr. Hamrick	Dr. Langdon	Dr. Hamrick	Quiz Review				
Respiratory 36		Respiratory 39	Cardiovascular 54	OPTIONAL	9:30				
Pathophysiology of Respiratory Failure		Pediatric Pulmonary Disease II	Infectious Endocarditis & Myocarditis - Microbiology	FMP 07					
Dr. Alekseev		Dr. Langdon	Dr. Hamrick	50 Studies Every Doctor Should Know: The COURAGE Trial	10:00				
Respiratory 37		Respiratory 40	Cardiovascular 55	TBD					
10:30		Pathophysiology of Mechanical Ventilation	Pediatric Pulmonary Disease III	Infectious Endocarditis / Rheumatic Heart Disease - Clinical	50 Studies Every Doctor Should Know: The MERIT-HF Trial	11:00			
11:00		Dr. Alekseev	Dr. Langdon	Dr. Kastner	Dr. Cappola				
11:30	Lunch	Cardiovascular 50	Lunch	OMM 07	PCC 07	11:30			
12:00		Cardiovascular System Adaptations		Application of OMM in Lower Respiratory Conditions	Health Literacy	12:00			
12:30		Dr. Petrović		Dr. Russell	Dr. Lowe-Clayton				
1:00	Clinical Skills 15	Study Time	Cardiovascular 51	COCA SITE VISIT UPDATE LUNCH PROVIDED	PCC 08	12:30			
1:30	Shock II - Pathophysiology		Professionalism and the NC PHP		Dr. Gaither	1:00			
	Dr. Petrović								
2:00	Cardiovascular 52		OMM Lab 07	Study Time	1:30				
2:30	Shock III - Clinical		Osteopathic Approach to Lower Respiratory Conditions	FMP WORKSHOP - OPTIONAL	2:00				
	Dr. Powers								
3:00	Simulation #2 (90 mins/Session)		Study Time	GROUP A	Study Time	3:00			
3:30							OMM Lab 07	3:30	
4:00				Osteopathic Approach to Lower Respiratory Conditions			GROUP B		5:00
4:30								OMM Pre-Session 07 SDL	
5:00			Week 7 Content - Due 5 pm					5:30	
5:30		Study Time							

BLOCK 5 WEEK 8

2023-2024

Time	Monday, September 18, 2023	Tuesday, September 19, 2023	Wednesday, September 20, 2023	Thursday, September 21, 2023	Friday, September 22, 2023	Time		
8:30	Cardiovascular 56	Respiratory 42	Respiratory 43	Cardiovascular 64	Integrated Quiz 8	8:30		
9:00	Congenital Heart Disease - Pathophysiology	Chest Trauma	Cardio-Pulmonary Adaptations to Exercise and Altitude	Autonomic Cardiovascular Physiology I	09/14/23 - 09/20/23	9:00		
	Dr. Petrović	Dr. Powers	Dr. Alekseev	Drs. Powers / Alekseev / Eldeeb	Quiz Review			
9:30	Cardiovascular 57	Cardiovascular 59	Respiratory 44	Cardiovascular 65	OPTIONAL	9:30		
	Cardiac Manifestation of Systemic Disease / Metabolic Syndrome I - Pathophysiology	Integrated Cardiovascular Pharmacology	ENT Diseases	Autonomic Cardiovascular Physiology II	Clinical Skills 17			
10:00	Dr. Petrović	Dr. Li	Drs. Stewart / Larson	Drs. Powers / Alekseev / Eldeeb	Small Group Clinical Case	10:00		
10:30	Cardiovascular 58	Cardiovascular 60	Cardiovascular 62	Cardiovascular 66		10:30		
11:00	Cardiac Manifestation of Systemic Disease / Metabolic Syndrome II - Clinical	Preventative Cardiovascular Health I - Clinical	Pediatric Cardiology I	Cardiovascular Imaging		11:00		
	Dr. Pennings	Dr. Agnello	Dr. Langdon	Dr. Larson				
11:30	Respiratory 41	Cardiovascular 61	Cardiovascular 63	OMM 08	Study Time	11:30		
12:00	Sleep Apnea - Clinical	Preventative Cardiovascular Health II - Clinical	Pediatric Cardiology II	Interactive Question Session		12:00		
	Dr. Agnello	Dr. Pennings	Dr. Langdon	Dr. Hon				
12:30	Introduction to Clinical Rotations Dr. Tolentino	Lunch	Lunch	Lunch		12:30		
1:00			OMM Pre-Session 08 SDL				1:00	
			Week 8 Content - Due 5 pm					
1:30	Study Time	Clinical Skills 16	Clinical Skills 16	OMM Lab 08	1:30			
2:00		FINAL OSCE (30 mins/Student)	FINAL OSCE (30 mins/Student)	Practical Exam Review	FMP WORKSHOP - OPTIONAL	2:00		
2:30						2:30		
3:00				Study Time	Study Time	Practical Exam Review	Study Time	3:00
3:30								3:30
4:00								4:00
4:30								4:30
5:00								5:00
5:30								5:30

BLOCK 5 WEEK 9

2023-2024

Time	Monday, September 25, 2023	Tuesday, September 26, 2023	Wednesday, September 27, 2023	Thursday, September 28, 2023	Friday, September 29, 2023	Time		
8:30	Study Time	Integrated Exam 3	Study Time	OMM Written Exam	Study Time	8:30		
9:00		Weeks 7 - 8 and Review		Written Exam and Review		Study Time	9:00	
9:30							Study Time	9:30
10:00								10:00
10:30					10:30			
11:00					Study Time	Study Time		APPS Committee Meeting (MANDATORY - ANY COURSE FAILURE Per ACADEMIC BULLETIN)
11:30		11:30						
12:00		12:00						
12:30		12:30						
1:00		1:00						
1:30		OMM Practical		1:30				
2:00		Study Time		OM Lab			2:00	
2:30							2:30	
3:00							3:00	
3:30							Remediation Starts	
4:00					4:00			
4:30		4:30						
5:00		5:00						
5:30						5:30		