

# Cardiovascular 1

2018		Monday August 13	Tuesday August 14	Wednesday August 15	Thursday August 16	Friday August 17		
9:00	9:00 a.m.	C00 Intro to Unit 5 Unit 5 Team	C01 CV System Physiology- Review of Unit 1	C10 Cardiac contractility IL	C37 Atherosclerosis and Ischemic Heart Disease IL	C32 ECG – 12-Lead Interpretation 1 IL		
9:30	9:30 a.m.	C02 Cardiac cell automaticity and rhythmicity		C64 Cardiac hemodynamics IL	C38 Acute Coronary Syndromes	C20 Hemodynami cs & valve heart disease POPS	C21 Half II Mrs. Norton Session 2 PBL	
10:00	10:00 a.m.	C08 Basics of ECG IL	C09 Half II Mrs. Norton Session 1 (SP) PBL	C16 Heart valve disease IL				
10:30	10:30 a.m.							
11:00	11:00 a.m.	C18 Interpretation of ECG IL	One-to-one Standardized Patient (SP)-student					
11:30	11:30 a.m.							
12:00	12:00 p.m.							
12:30	12:30 p.m.				R41 Introduction to Bedside Preceptorship CS IL [			
13:00	1:00 p.m.	C03 Anatomic basis of disease: Thorax IL	C05 Half I TEACHING Half II	C63 Anatomy: CV system IL [LH4]		C21 Half I Mrs. Norton Session 2 PBL	C20 Hemodynami cs & valve heart disease POPS	
13:30	1:30 p.m.			C12 Half II TEACHING Half I	C14 Half I TEACHING Half II			
14:00	2:00 p.m.	C04 Half I	C07 Half IIa CSL Em. Adult	C13 Half I	C07 Half Ia CSL Em. Adult			
14:30	2:30 p.m.	Thorax & Intercostal Muscles and Lung dissection and removal [GA Lab]	C09 Half I Mrs. Norton Session 1 (SP)	C06 Half II  Middle mediasti- num; heart removal & external anatomy [GA Lab]	Internal anatomy of heart; Superior & posterior mediastina [GA Lab]	C13 Half II  Internal anatomy of heart; Superior & posterior mediastina [GA Lab]		
15:00	3:00 p.m.							
15:30	3:30 p.m.							
16:00	4:00 p.m.	C07 Half IIb CSL Em. Adult			C07 Half Ib CSL Em. Adult			
16:30	4:30 p.m.							
Independent Learning		Asynchronous Biostats #101- Effect size, confidence Intervals Money Matters #100 Cardiac Intervention						

## Cardiovascular 2

<b>2018</b>	Monday August 20	Tuesday August 21	Wednesday August 22	Thursday August 23	Friday August 24
9:00	9:00 a.m.	C28 Human development: Emerging adulthood CS IL		C29 Arrhythmias 2: Mechanisms IL	
9:30	9:30 a.m.			C41 Complications of acute myocardial infarction IL	
10:00	10:00 a.m.	C22 Introduction to cardiovascular therapeutics IL		C19 How to read chest xray IL	
10:30	10:30 a.m.	F2 HI to F1 HII Thrx	C27 Half II CS: Return to Gateway Part 1	C23 Heart failure and cardiomyopathies 1 IL	
11:00	11:00 a.m.	C15 Arrhythmias 1: Mechanisms IL		C31 Cardiovascular diagnostics IL	
11:30	11:30 a.m.	F2 HI to F1 HII Thrx		C39 Cardiac exam and heart sounds CS	
12:00	12:00 p.m.	F2 HII to F1 HI Thrx			
12:30	12:30 p.m.				
13:00	1:00 p.m.	Travel time to Bedside Preceptorship Site	C60 Cardiac Embryology and Congenital Heart Defects IL		Travel time to Bedside Preceptorship Site
13:30	1:30 p.m.				
14:00	2:00 p.m.	C24 Half Ib CSL Mid. Adult	C98 Half II Bedside Preceptorship Orientation		C24 Half IIb CSL Mid. Adult
14:30	2:30 p.m.				
15:00	3:00 p.m.			C98 Half II Bedside Preceptorship Orientation	
15:30	3:30 p.m.	C24 Half Ia CSL Mid. Adult			C24 Half IIa CSL Mid. Adult
16:00	4:00 p.m.				
16:30	4:30 p.m.				
Independent Learning	Asynchronous Biostats #103 Review of tests of Statistical Significance				

### Cardiovascular 3

2018		Monday August 27	Tuesday August 28	Wednesday August 29	Thursday August 30	Friday August 31		
9:00	9:00 a.m.	C45 Pericardial Disease IL	R24 Human Development- Elderly CS IL	C57 Half I Cardiovascular RRE	C44 Cardiovascular therapeutics 1 IL	C30 Infective endocarditis IL		
9:30	9:30 a.m.							
10:00	10:00 a.m.	C55 Vascular diseases IL	C48 Half I ECG Review  POPS	C43 Half II Mr. Seegar Session 1 PBL	C56 Cardiovascular Diseases  POPS	C61 Half Ia CV Gross Pathology Lab [5-AB]		
10:30	10:30 a.m.						C50 Half II Mr. Seegar Session 2 PBL	
11:00	11:00 a.m.					C61 Half Ib CV Gross Pathology Lab [5-AB]		
11:30	11:30 a.m.							
12:00	12:00 p.m.			C66 PATIENT PRESENTATION IL				
12:30	12:30 p.m.							
13:00	1:00 p.m.	C26Half Ia CSL Ultrasound	C40 Half IIa CSL Hear t Ex. [5-EFG H]	F2 HII to F1 HII Abd.	C40 Half Ia CSL Hear t Ex. [5-ABC D]	C26Half Ia CSL Ultrasound	C50 Half I Mr. Seegar Session 2 PBL	C61 Half IIa CV Gross Pathology Lab [5-EF]
13:30	1:30 p.m.							
14:00	2:00 p.m.	C26Half Ia CSL Ultrasound	C43 Half I Mr. Seegar Session 1 PBL	F2 HI to F1 HI Abd.	C57 Half II Cardiovascular RRE	C26Half Ia CSL Ultrasound	C61 Half IIb CV Gross Pathology Lab [5-EF]	
14:30	2:30 p.m.							
15:00	3:00 p.m.	C26Half Ib CSL Ultrasound	C40 Half IIb CSL Hear t Ex. [5-EFG H]	F2 HI to F1 HI Abd.	C40 Half Ib CSL Hear t Ex. [5-ABC D]	C26Half Ia CSL Ultrasound	C61 Half IIb CV Gross Pathology Lab [5-EF]	
15:30	3:30 p.m.							
16:00	4:00 p.m.	C26Half Ib CSL Ultrasound				C26Half Ib CSL Ultrasound		
16:30	4:30 p.m.							
Independent Learning		Asynchronous Biostats #105 Multiple Regression and modeling Money Matters #102 Cost of Readmission						

### Cardiovascular 4

2018	Monday September 3	Tuesday September 4	Wednesday September 5	Thursday September 6	Friday September 7	
9:00 9:00 a.m.	Labor Day		C34 HDL metabolism and atherosclerosis IL	C54 Management of Dyslipidemias IL		
9:30 9:30 a.m.						
10:00 10:00 a.m.		C52 Half I Cardiovascular Pathology VM Lab	C53 Half II CS: Return to Gateway Part II	C46 Lipidemia Diseases POPS	C51 Cardiovascular therapeutics 2 IL	C65 Half I Therapeutics POPS [
10:30 10:30 a.m.						C62 Half II Mr. Seegar Session 3 PBL [
11:00 11:00 a.m.						
11:30 11:30 a.m.						
12:00 12:00 p.m.						
12:30 12:30 p.m.						
13:00 1:00 p.m.			C52 Half II Cardiovascular Pathology VM	X29 Cardinal symptoms TBD CS IL	Travel time to Bedside Preceptorship Site	C62 Half I Mr. Seegar Session 3 PBL
13:30 1:30 p.m.						C65 Half II Therapeutics POPS
14:00 2:00 p.m.			R03 Half Ib CSL Elderly	C99 Half I Bedside Preceptorship 1		
14:30 2:30 p.m.	C53 Half I CS: Return to Gateway Part II				R03 Half IIb CSL Elderly	
15:00 3:00 p.m.						
15:30 3:30 p.m.			R03 Half Ia CSL Elderly			
16:00 4:00 p.m.						
16:30 4:30 p.m.				R03 Half IIa CSL Elderly		
Independent Learning	Asynchronous Biostats #107 Sources of Bias in Clinical Research					

# Respiratory 1

2018	Monday September 10	Tuesday September 11	Wednesday September 12	Thursday September 13	Friday September 14		
9:00	9:00 a.m.						
9:30	9:30 a.m.						
10:00	10:00 a.m.	R02 Pulmonary Cell Biology and microscopic structure IL	R08 Pulmonary gas exchange, systemic O <sub>2</sub> and CO <sub>2</sub> transport IL	R16 Pathology of respiratory tract infections IL	R20 Lower respiratory tract infections IL	R26 Systemic fungal infections IL	
10:30	10:30 a.m.						
11:00	11:00 a.m.	R01 Basic lung cell biology Functions of the respiratory system IL	R13 Control of breathing IL	R12 POPS Physiologic basis of respiratory disease	R11 Half II Respiratory Histology VM Lab	R28 Upper respiratory tract infection IL	R23 Mycobacterial infections IL
11:30	11:30 a.m.						
12:00	12:00 p.m.		R04 Respiratory mechanics and ventilation IL				
12:30	12:30 p.m.						
13:00	1:00 p.m.	Travel time to Bedside Preceptorship Site			R17 Pathology of obstructive airway diseases IL	R42 Pneumonia POPS	
13:30	1:30 p.m.						
14:00	2:00 p.m.	C99 Half II Bedside Preceptorship 1		R11 Half I Respiratory Histology VM Lab	R12 POPS Physiologic basis of respiratory disease	R18 Respiratory tract neoplasms IL	
14:30	2:30 p.m.						
15:00	3:00 p.m.						
15:30	3:30 p.m.						
16:00	4:00 p.m.						
16:30	4:30 p.m.						

Independent Learning		Asynchronous Biostats #108 Placebo Effect			
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## Respiratory 2

2018		Monday September 17	Tuesday September 18	Wednesday September 19	Thursday September 20	Friday September 21
9:00	9:00 a.m.		R25 Half I The Respiratory System		R09 Embryologic basis of disease: the Lungs IL	
9:30	9:30 a.m.	R25 Half II The Respiratory System				R21 Half I Respiratory Pathology VM Lab
10:00	10:00 a.m.				R46 Cystic fibrosis / Bronchiectasis IL	R44 Half II Mr. Bryant Session 2 PBL
10:30	10:30 a.m.					
11:00	11:00 a.m.				R07 Respiratory Exam and Lung Sounds CS IL	
11:30	11:30 a.m.					
12:00	12:00 p.m.					
12:30	12:30 p.m.					
13:00	1:00 p.m.	<i>Travel time to Bedside Preceptorship Site</i>	One-to-one Standardized Patient (SP)-student 5 <sup>th</sup> floor		<i>Travel time to Bedside Preceptorship Site</i>	R44 Half I Mr. Bryant Session 2 PBL
13:30	1:30 p.m.					R21 Half II Respiratory Pathology VM Lab
14:00	2:00 p.m.	R99 Half II Bedside Preceptorship 2	R43 Half I Mr Bryant Session 1 PBL (SP Geriatric history)		R99 Half I Bedside Preceptorship 2	
14:30	2:30 p.m.		R47 Half I Lung cancer POPS		R47 Half II Lung cancer POPS	
15:00	3:00 p.m.					
15:30	3:30 p.m.					
16:00	4:00 p.m.					
16:30	4:30 p.m.					

Independent Learning		Asynchronous Biostats #111 Bias in pharma-sponsored publications				
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### Respiratory 3

2018		Monday September 24	Tuesday September 25	Wednesday September 26	Thursday September 27	Friday September 28		
9:00	9:00 a.m.		R29 Pulmonary vascular diseases and pharmacology, IL			R40 Occupational & environmental medicine IL		
9:30	9:30 a.m.							
10:00	10:00 a.m.	R32 Asthma and pharmacotherapy of airway diseases	R48 Half I Asthma POPS	R37 Half II CS: 4 cases of chest pain	R34 Pulmonary edema, acute lung injury & ARDS IL	R33 Diffuse infiltrative lung diseases IL	R30 Half Ia Gross path. Resp. Lab [5-AB]	R45 Half II Mr. Bryant Session 3 PBL
10:30	10:30 a.m.							
11:00	11:00 a.m.	R27 Respiratory Pharmacology			R38 Pleural disorders & traumatic disorders of the thorax IL	R39 Sleep disorders IL	R30 Half Ib Gross path. Resp. Lab [5-AB]	
11:30	11:30 a.m.							
12:00	12:00 p.m.							
12:30	12:30 p.m.	No OSHA Training		R10 Half Ib Spirometry	R50 Half I Respiration in extreme environments POPS			
13:00	1:00 p.m.			R10 Half Ia Spirometry			R45 Half I Mr Bryant Session 3 PBL	R30 Half Ia Gross path. Resp. Lab [5-EF]
13:30	1:30 p.m.							
14:00	2:00 p.m.		R37 Half I CS: 4 cases of chest pain	R48 Half II Asthma POPS	R50 Half I Respiration in extreme environments POPS	R10 Half Ia Spirometry	R19 Half Ia CSL Resp. Ex.	R30 Half Ib Gross path. Resp. Lab [5-EF]
14:30	2:30 p.m.	R19 Half IIb CSL Resp. Ex.						
15:00	3:00 p.m.							
15:30	3:30 p.m.	R19 Half Ila CSL Resp. Ex.			R10 Half Ib Spirometry [		R19 Half Ib CSL Resp. Ex.	
16:00	4:00 p.m.							
16:30	4:30 p.m.							

Independent Learning	Asynchronous Biostats #113 Lead time and Length time bias Money Matters #109 Asthma/COPD
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# Renal 1

2018		Monday October 1	Tuesday October 2	Wednesday October 3	Thursday October 4	Friday October 5
9:00	9:00 a.m.			U06 Half I Renal Histo/ Physiology VM Lab		
9:30	9:30 a.m.					U13 Clinical disorders of water metabolism IL
10:00	10:00 a.m.	U01 Renal overview / Body fluid manipulation IL		U07 Half II CS: Oral Presentations & Diagnostic testing	U09 Urine dilution / concentration / control of osmolarity IL	U15 Acid-Base 1 IL
10:30	10:30 a.m.		U10 Half I Osmosis / Marvin Madden POPS			
11:00	11:00 a.m.	U02 Renal blood flow/ glomerular filtration IL			U14 Control of volume IL	
11:30	11:30 a.m.			X08 Information on Unit 5 Summative Assessment Week –		
12:00	12:00 p.m.					
12:30	12:30 p.m.					U16 Acid-Base 2 IL
13:00	1:00 p.m.				Travel time to Bedside Preceptor- ship Site	
13:30	1:30 p.m.		U05 Reabsorption / Secretion / Excretion Perkins IL	U08 Transport Maximum and clearance Perkins IL [LH4]		U17 Polyuria POPS
14:00	2:00 p.m.	U03 Half II Bedside Preceptor- ship 3			U03 Half I Bedside Preceptor- ship 3	
14:30	2:30 p.m.		U07 Half I CS : Oral Presentations & Diagnostic testing	U10 Half II Osmosis / Marvin Madden POPS		
15:00	3:00 p.m.				U06 Half II Renal Histo/ Physiology VM Lab	
15:30	3:30 p.m.					
16:00	4:00 p.m.	R49 Half I Male GU 4-6 PM				R49 Half II Male GU 4-6 PM
16:30	4:30 p.m.					

Independent Learning	U04 Asynchronous module External balance #1 Perkins/Oh	Asynchronous Biostats #110 Metaanalysis	U11 Asynchronous Problem set Perkins
	Teaching Associates session 5:45-9:00 pm individually scheduled		

UNIT 1 Summative Assessments



# Renal 2

2018	Monday October 8	Tuesday October 9	Wednesday October 10	Thursday October 11	Friday October 12	
9:00 9:00 a.m.	<b>Columbus Day</b>					
9:30 9:30 a.m.						
10:00 10:00 a.m.			U22 Half II Mrs. Porter Session 1 PBL	U19 Potassium IL	U24 Divalent ions IL	U30 Half I Potassium POPS
10:30 10:30 a.m.		U21 Half I POPS Hypo- & hyper- natremia]		U23 Diuretics IL	U29 Acute Kidney Injury IL	U31 Half II Mrs. Porter Session 2 PBL
11:00 11:00 a.m.						
11:30 11:30 a.m.						
12:00 12:00 p.m.						
12:30 12:30 p.m.						
13:00 1:00 p.m.				U26 Acid-Base and K <sup>+</sup> POPS	<i>Travel time to Bedside Preceptor- ship Site</i>	U31 Half I Mrs. Porter Session 2 PBL
13:30 1:30 p.m.		U18 Metabolic acidosis Oh IL [LH4]			U26 Acid-Base and K <sup>+</sup> POPS	U30 Half II Potassium POPS
14:00 2:00 p.m.					U20 Half I Bedside Preceptor- ship 4	
14:30 2:30 p.m.		U22 Half I Mrs. Porter Session 1 PBL	U21 Half II POP Hypo- and hyper- natremia [			
15:00 3:00 p.m.						
15:30 3:30 p.m.						
16:00 4:00 p.m.						
16:30 4:30 p.m.						

Independent Learning	Asynchronous Biostats #117 Internal and external validity	U48 Asynchronous module Free Water Clearance Perkins	U27 Asynchronous module External balance #2 Oh/Perkins
	Teaching Associates session 5:45-9:00 pm individually scheduled		

### Renal 3

2018		Monday October 15	Tuesday October 16	Wednesday October 17	Thursday October 18	Friday October 19		
9:00	9:00 a.m.		U46 Kidney Development and Congenital Disorders IL	U37 Chronic kidney disease IL		U44 Voiding disorders IL		
9:30	9:30 a.m.				U39 Renal Pathology 3 IL			
10:00	10:00 a.m.	U32 Renal Pathology 1 IL	U33 Half I Renal Pathology VM Lab	U43 Divalent ions POPS		U38 Half I POPS Proteinuria		
10:30	10:30 a.m.		U34 Half II Mrs. Porter comes back CS			U45 Half II Mrs. Porter Session 3 PBL		
11:00	11:00 a.m.	U35 Renal Pathology 2 IL			U25 Kidney stones IL			
11:30	11:30 a.m.							
12:00	12:00 p.m.							
12:30	12:30 p.m.							
13:00	1:00 p.m.		One-to-one Standardized Patient (SP)-student	U40 Urinary Tract Infection	U42 Half I Renal RRE	U33 Half II Renal Pathology VM Lab	U45 Half I Mrs. Porter Session 3 PBL	U42 Half II Renal RRE
13:30	1:30 p.m.							
14:00	2:00 p.m.							
14:30	2:30 p.m.	U20 Half II Bedside Preceptorship 4	U34 Half I Mrs. Porter comes back CS					
15:00	3:00 p.m.							
15:30	3:30 p.m.							
16:00	4:00 p.m.							
16:30	4:30 p.m.							

Independent Learning	Asynchronous Biostats #119 Scales of measurement Money Matters #118 Disparities & ESRD
	Teaching Associates session 5:45-9:00 pm individually scheduled

# Integration 1

2018		Monday October 22	Tuesday October 23	Wednesday October 24	Thursday October 25	Friday October 26	
9:00	9:00 a.m.		X10 Hypertension: Pathophysiology		X12 Advanced Directives CS IL ]		
9:30	9:30 a.m.	X04 Circulatory shock		X21 Gross anatomy Review IL		X27 Half Ia Pathology/ Anatomy lab	
10:00	10:00 a.m.		X19 Blood gases POPS		X33 Autonomics session	X16 Half II Mr. Brett Session 2 PBL	
10:30	10:30 a.m.	X09 Hypertension: Pathogenesis	X06 Half II Mr. Brett Session 1 PBL	X11 Hypertension: Treatment IL		X27 Half Ib Pathology/ Anatomy Lab	
11:00	11:00 a.m.					[Anatomy lab]	
11:30	11:30 a.m.					[Anatomy lab]	
12:00	12:00 p.m.					[Anatomy lab]	
12:30	12:30 p.m.						
13:00	1:00 p.m.	X26 Half Ia CSL		X14 Hypertension POPS		X16 Half I Mr. Brett Session 2 PBL	
13:30	1:30 p.m.		U47 Clinical Presentation of Renal Disease Briefel IL [LH4]	X27 Half IIa Pathology/ Anatomy Lab	X26 Half IIa CSL 5th	X14 Hypertension POPS	
14:00	2:00 p.m.	X26Hf Ia CSL Ultras		[Anatomy lab]	X18 Half Ia CSL HD-PE [5]		
14:30	2:30 p.m.		X18 Half IIb CSL HD-PE [5]	X27 Half IIb Pathology/ Anatomy Lab	X26Hf IIa CSL Ultras		
15:00	3:00 p.m.	X26Hf Ib CSL Ultras	X06 Half I Mr. Brett Session 1 PBL	[Anatomy lab]		X26Hf IIb CSL Ultras	
15:30	3:30 p.m.		X19 Blood gases POPS		X18 Half Ib CSL HD-PE [5]		
16:00	4:00 p.m.	X26Hf Ib CSL HD-PE [5]				X26Hf IIb CSL Ultras	
16:30	4:30 p.m.						
Independent Learning	X02 Asynchronous Kidneys and Pharmacology module Perkins and Briefel		Asynchronous Biostats #121 Null hypothesis, statistical significance, and type I error				
	Teaching Associates session 5:45-9:00 pm individually scheduled						

## Integration 2

2018		Monday October 29	Tuesday October 30	Wednesday October 31	Thursday November 1	Friday November 2
9:00	9:00 a.m.			X31 Aging and the Cardio-Renal-Pulmonary Systems IL		
9:30	9:30 a.m.					
10:00	10:00 a.m.	X01 Exercise in Health and Disease IL		X22 Dyspnea POPS		X24 Half II Mr. Brett Session 3 PBL
10:30	10:30 a.m.		X20 Half II 3 cases Gateway 2 Practice CS-small group			
11:00	11:00 a.m.	X15 Edema POPS	X05 Half I POPS Physiology of the 3 systems in Exercise & Pregnancy			
11:30	11:30 a.m.					
12:00	12:00 p.m.					
12:30	12:30 p.m.					
13:00	1:00 p.m.			X23 Mr. Smith POPS	Travel time to Bedside Preceptor- ship Site	X24 Half I Mr. Brett Session 3 PBL
13:30	1:30 p.m.				Travel time to Bedside Preceptor- ship Site	
14:00	2:00 p.m.		X03 Half II Bedside Preceptor- ship Alternate Date		X03 Half I Bedside Preceptor- ship Alternate Date	
14:30	2:30 p.m.		X05 Half II POPS Physiology of the 3 systems in Exercise & Pregnancy			
15:00	3:00 p.m.		X20 Half I 3 Cases Gateway 2 Practice CS-small group			
15:30	3:30 p.m.					
16:00	4:00 p.m.					
16:30	4:30 p.m.					

Independent Learning	X32 Asynchronous Hypo- and Hyperthermia Oh, Bianchi, Perkins	Asynchronous Biostats #123 Statistical Power and Type II error		
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