

Semester 1	Week 1					May - August 2008
	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50	Anatomy: Introduction - To Gross Anatomy	Anatomy: Introduction - Terminology	Anatomy: Osteology and Arthrology	Anatomy: Introduction to Medical Imaging	Anatomy: The Skeletal & Muscular Systems	
9:00 - 9:50	Embryo/Histo: Cells and Tissues	Embryo/Histo: Cells and Tissues	basic tissues, epithelium	epithelium	glands	
10:30 - 11:30	Physiology Introduction	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology Lab: Cell permeability osmosis	
11:30 - 12:30	Biochemistry: Biological molecules: Review organic chemistry	Biochemistry: Concepts of Acids and bases; pH and buffers	Biochemistry: Introduction/Metabolic concepts	Biochemistry: Bioenergetics I Thermodynamic concepts	Biochemistry: Bioenergetics II: Coupled reactions	
12:30 - 1:30						
1:30 - 2:20	DPS	Anatomy Lab 1 - Lab introduction		Anatomy Lab 2 - Skeletal System		
2:30 - 3:20						
3:30 - 4:30						
		Week 2		May - August 2008		
	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50	Anatomy: The Integumentary System	Anatomy: Cardiovascular System	Anatomy: Nervous System	Anatomy: Introduction to medical imaging	Holiday	
9:00 - 9:50	Embryo/Histo: Nervous Tissue	Embryo/Histo: Nervous Tissue	Embryo/Histo: Nervous Tissue	Embryo/Histo: Nervous Tissue		
10:30 - 11:30	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology: Cell Physiology		
11:30 - 12:30	Biochemistry: Amino acids; Structure and chemical properties	Biochemistry: Proteins -- Structure and physical characteristics (I)	Biochemistry: Proteins -- Structure and physical characteristics (II)	Biochemistry: Special classes of proteins; immunoglobins, collagen, elastin, etc.		
12:30 - 1:30						
1:30 - 2:20		Anatomy Lab 1 - Skeletal System				
2:30 - 3:20						
3:30 - 4:30						

	Week 3			May - August 2008	
	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Spinal column & spinal nerves	Anatomy: Back muscles & suboccipital triangle	Anatomy: Overview of spinal column & spinal cord	Anatomy: Back - medical imaging	Anatomy: Back - clinical overview
9:00 - 9:50	Embryo/Histo: Muscle and Proper Connective Tissues	Embryo/Histo: Muscle and Proper Connective Tissues	Embryo/Histo: Muscle and Proper Connective Tissues	Embryo/Histo: Muscle and Proper Connective Tissues	Embryo/Histo: Muscle and Proper Connective Tissues
10:30 - 11:30	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology: Cell Physiology	Physiology: Quiz 1	Neurophysiology Lab reflexes, cranial nerves
11:30 - 12:30	Biochemistry: Hemoglobin structure, types, and function	Biochemistry: Hemoglobin -- Regulation of its function	Biochemistry: Enzymes in metabolism; Classification and reactions catalyzed	Biochemistry: Enzymes kinetics; Michaelis-Menten type and inhibitory mechanisms (I)	Biochemistry: Enzymes kinetics; Michaelis-Menten type and inhibitory mechanisms
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab1 - Back skin, superficial fascia & muscles	PBL	Anatomy Lab 2 - Back - intermediate & deep muscles	
2:30 - 3:20	PBL fac. mtg.				
3:30 - 4:30					
Semester 1		Week 4		May - August 2008	
	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Myotomes & dermatomes	Anatomy: Back - deep muscles	Anatomy: Back - review	Anatomy: Back - medical imaging	Anatomy: Back - clinical overview
9:00 - 9:50	Embryo/Histo: Epithelium and Integument	Embryo/Histo: Epithelium and Integument	Embryo/Histo: Epithelium and Integument	Embryo/Histo: Epithelium and Integument	Embryo/Histo: Epithelium and Integument
10:30 - 11:30	Embryo/Histo: Respiratory System	Embryo/Histo: Respiratory System	Embryo/Histo: Respiratory System	Embryo/Histo: Respiratory System	Embryo/Histo: Respiratory System
11:30 - 12:30	Biochemistry: Self-directed study on enzyme kinetics -- relationship to other metabolic	Biochemistry: Self-directed study on enzyme kinetics -- relationship to other metabolic	Biochemistry: Self-directed study on enzyme kinetics -- relationship to other metabolic	Biochemistry: Self-directed study on enzyme kinetics -- relationship to other metabolic	Biochemistry: Self-directed study on enzyme kinetics -- relationship to other metabolic
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab1 - Back - suboccipital triangle region / laminectomy	PBL	Anatomy Lab 2 - Back - vertebral canal, spinal cord, and meninges	
2:30 - 3:20	PBL fac. mtg.				
3:30 - 4:30					

Semester 1	Week 5					May - August 2008
	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50	Anatomy: Introduction - thorax / functions & regions	Anatomy: Thorax - skeleton	Anatomy: Thorax - ligaments & joints	Anatomy: Thorax - medical imaging	Anatomy: Self - study	
9:00 - 9:50	Physiology: Pulmonary Overview	Physiology: Pulmonary Mechanics of breathing	Physiology: Pulmonary Mechanics of breathing	Physiology: Pulmonary Mechanics of breathing	Physiology Lab Spirometry	
10:30 - 11:30	Physiology: Pulmonary ventilation	Physiology: Pulmonary lung circulation (perfusion)	Physiology: Pulmonary gas exchange	Physiology: Pulmonary O2 transport by blood	Physiology Lab Breath Holding Time	
11:30 - 12:30	Biochemistry: Review and discussion of enzymes and their actions	Biochemistry: Cytochrome P450 -- a special function class of enzymes involved in drug	Biochemistry: Cytochrome P450 -- involvement in other metabolic	Biochemistry: Enzymes as clinical tools in diagnosis	Biochemistry: Antibodies (abzymes) & ribozymes; their use in disease treatment	
12:30 - 1:30						
1:30 - 2:20	DPS	Anatomy Lab1 - Back - nerves, blood vessels, triangles & spaces / review	PBL	Anatomy Lab 2 - Thorax - surface anatomy & skeleton		
2:30 - 3:20	PBL fac. mtg.					
3:30 - 4:30						
Semester 1	Week 6					May - August 2008
	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50		Anatomy: Thorax - thoracic wall	Anatomy: Thorax - thoracic wall	Anatomy: Thorax - medical imaging	Anatomy: Thorax - clinical overview	
9:00 - 9:50	Exam 1	Embryo/Histo: Bone and Cartilage	Embryo/Histo: Bone and Cartilage	Embryo/Histo: Bone and Cartilage	Embryo/Histo: Bone and Cartilage	
10:30 - 11:30		Physiology: Pulmonary CO2 transport	Physiology: Pulmonary ventilation/perfusion matching	Physiology: Pulmonary control of breathing (neural control)	Physiology Lab Hematology	
11:30 - 12:30		Biochemistry: Enzymes; regulatory mechanisms (I) & (II)	Biochemistry: Blood coagulation -- special and important aspect of enzyme activation ...	Biochemistry: Blood coagulation -- ... and regulation through a cascade system	Biochemistry: Enzymes -- Drugs as enzyme inhibitors in disease treatment	
12:30 - 1:30						
1:30 - 2:20	DPS	Anatomy Lab1 - Thorax - surface anatomy / skeleton	PBL	Anatomy Lab2 -Thorax - pectorial region, intercostal space and intercostal muscles		
2:30 - 3:20	PBL fac. mtg.					
3:30 - 4:30	Anatomy Exam					

Semester 1	Week 7					May - August 2008
	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50	Anatomy: Trunk and abdominal muscles	Anatomy: Thorax - respiratory system	Anatomy: Thorax - respiratory anatomy	Anatomy: Thorax - medical imaging	Anatomy: Thorax - clinical overview	
9:00 - 9:50	Embryo/Histo: Respiratory System	Embryo/Histo: Cardiovascular System	Embryo/Histo: Cardiovascular System	Embryo/Histo: Cardiovascular System	Embryo/Histo: Cardiovascular System	
10:30 - 11:30	Physiology: Pulmonary control of breathing (chemical control)	Physiology: Pulmonary Exercise	Physiology: Pulmonary High altitude	Physiology: Pulmonary Mechanisms of arterial hypoxemia	Physiology Quiz 2	
11:30 - 12:30	Biochemistry: Antibodies (abzymes) & ribozymes; their use in disease treatment	Biochemistry: Glycolysis (I)	Biochemistry: Glycolysis (II)	Biochemistry: Glycolysis (III); diseases associated with...	Biochemistry: Discussion and review of glycolysis	
12:30 - 1:30						
1:30 - 2:20	DPS	Anatomy Lab1 - Thorax - lungs & mediastinum	PBL	Anatomy Lab2 - Thorax - middle mediastinum, external features of the heart		
2:30 - 3:20	PBL fac. mtg.					
3:30 - 4:30						
Semester 1	Week 8					May - August 2008
	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct	
Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 8:50	Anatomy: Thorax - muscles of ventilation	Anatomy: Thorax - posterior mediastinum	Anatomy: Thorax - diaphragm, anterior mediastinum	Anatomy: Thorax - medical imaging	Anatomy: Thorax - clinical overview	
9:00 - 9:50	Physiology: Origin of Heartbeat	Physiology: Capillary Exchange & Overview of Blood Pressure	Physiology: Cardiovascular - Baroreceptor Reflex	Physiology: Cardiovascular - Cardiac Contractility	Embryo/Histo: Cardiovascular System	
10:30 - 11:30	Physiology: Cardiovascular - overview and organization	Physiology: Elements of Electrocardiogram	Physiology: Cardiovascular - Vascular Function & Autoregulation	Physiology: Cardiovascular - Regulation of Cardiac Output	Physiology Lab Blood pressure, heart rate, & pulse, ECG	
11:30 - 12:30	Biochemistry: Oxidative Metabolism -- Introductory concepts	Biochemistry: Hexose monophosphate pathway - Oxidative phase	Biochemistry: Oxidative Metabolism -- TCA Cycle	Biochemistry: Hexose monophosphate pathway - Reductive phase	Biochemistry: Oxidative Metabolism -- Regulation	
12:30 - 1:30						
1:30 - 2:20	DPS	Anatomy Lab1 - Thorax - internal features of the heart, superior mediastinum	PBL	Anatomy Lab 2 - Thorax - posterior mediastinum, superior surface of diaphragm		
2:30 - 3:20	PBL fac. mtg.					
3:30 - 4:30						

Semester 1	Week 9				
	3-Nov	4-Nov	5-Nov	6-Nov	7-Nov
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Thorax - review	Anatomy: Thorax - review	Anatomy: Thorax - clinical review	Anatomy: Thorax - medical imaging	Anatomy: Thorax - clinical overview
9:00 - 9:50	Embryo/Histo: Lymphatic System	Embryo/Histo: Lymphatic System	Embryo/Histo: Lymphatic System	Embryo/Histo: Lymphatic System	Embryo/Histo: Lymphatic System
11:30 - 12:30	Embryo/Histo: Blood and Hematopoiesis	Embryo/Histo: Blood and Hematopoiesis	Embryo/Histo: Blood and Hematopoiesis	Embryo/Histo: Blood and Hematopoiesis	Embryo/Histo: Blood and Hematopoiesis
11:30 - 12:30	Biochemistry: Hexose monophosphate pathway - Clinical correlation	Biochemistry: Oxidative Metabolism -- Clinical Correlation -- Defects of TCA cycle enzymes	Biochemistry: Hexose monophosphate pathway - Discussion session	Biochemistry: Discussion/Review of the TCA cycle	Biochemistry: Introduction to oxidative phosphorylation
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab 1 - Review thorax	PBL	Anatomy Lab 2 - Review thorax	Anatomy Lab 2 - Review thorax
2:30 - 3:20	PBL fac. mtg.				
3:30 - 4:30					
Semester 1	Week 10				
	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50		Anatomy: Upper limb / introduction	Anatomy: Upper limb - skeleton, joints & ligaments	Anatomy: Upper limb - medical imaging	Anatomy: Upper limb - clinical overview
9:00 - 9:50	Exam 2	Embryo/Histo: Urinary System	Embryo/Histo: Urinary System	Embryo/Histo: Urinary System	Embryo/Histo: Urinary System
10:30 - 11:30		Physiology: review exam	Physiology: Cardiovascular Intro	Physiology: Cardiovascular Intro	Physiology Lab Control of Breathing
11:30 - 12:30		Biochemistry: Oxidative phosphorylation II -- mechanism	Biochemistry: Oxidative phosphorylation III -- Respiratory control/regulation	Biochemistry Oxidative phosphorylation -- Clinical Correlations	Biochemistry: Discussion of Oxidative phosphorylation
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab 1 - Upper limb - surface anatomy, superficial veins & cutaneous nerves	PBL	Anatomy Lab 2 - Upper limb - superficial group of shoulder muscles / scapular region	
2:30 - 3:20	PBL fac. mtg.				
3:30 - 4:30	Anatomy Exam				

	Week 11			May - August 2008	
	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Physiology Starling's Law/Measurement of Cardiac Output	Physiology Cardiovascular Hemodynamics	Physiology Cardiovascular Microcirculation	Anatomy: Thorax - Medical Imaging	Physiology Cardiovascular - Hypertension
9:00 - 9:50	Embryo/Histo: Endocrine System	Embryo/Histo: Endocrine System	Embryo/Histo: Endocrine System	Embryo/Histo: Endocrine System	Embryo/Histo: Endocrine System
10:30 - 11:30	Physiology Ventricular pressure-volume loops	Physiology Cardiovascular - Cardiac valve defects	Physiology Cardiovascular Special circulations	Physiology Cardiovascular - Hypotension	Physiology Cardiovascular Clinical Correlation
11:30 - 12:30	Biochemistry: Review of glucose metabolism and energy production	Biochemistry: Gluconeogenesis I	Biochemistry: Gluconeogenesis II	Biochemistry: Gluconeogenesis -- Clinical Correlation	Biochemistry: Cellular storage forms of glucose - glycogen
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab1 - Upper limb pectoral region & muscles of pectoral region	PBL	Anatomy Lab 2 - Upper limb - Axilla, arm & cubital fossa	
2:30 - 3:20	PBL fac. mtg.				
3:30 - 4:30					
Semester 1		Week 12		May - August 2008	
	24-Nov	25-Nov	26-Nov	27-Nov	28-Nov
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Upper limb - muscles & joints	Anatomy: Upper limb - vessels, axilla, & cubital fossa	Anatomy: Upper limb - brachial plexus and nerves	Anatomy: Upper limb - medical imaging	Anatomy: Upper limb - clinical overview
9:00 - 9:50	Embryo/Histo: Digestive System	Embryo/Histo: Digestive System	Embryo/Histo: Digestive System	Embryo/Histo: Digestive System	Embryo/Histo: Digestive System
10:30 - 11:30	Anatomy: Upper limb - muscles & joints	Anatomy: Upper limb - vessels, axilla, & cubital fossa	Anatomy: Upper limb - brachial plexus and nerves	Anatomy: Upper limb - medical imaging	Anatomy: Upper limb - clinical overview
11:30 - 12:30	Biochemistry: Glycogenesis	Biochemistry: Glycogenolysis and glycogenesis regulation	Biochemistry: Glycogen metabolism (I)	Biochemistry: Glycogen metabolism and glycogen storage diseases	Biochemistry: Overview of Lipid digestion and metabolism
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab1 - Upper limb - flexor region of forearm and palm of hand		Anatomy Lab 2 - Upper limb - extensor region of forearm and dorsum of hand	
2:30 - 3:20					
3:30 - 4:30					

Semester 1	Week 13			May - August 2008	
	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Upper limb - review	Anatomy: Upper limb - review	Anatomy: Upper Limb - review	Anatomy: Upper Limb - imaging review	Anatomy: Upper Limb - clinical review
9:00 - 9:50	Embryo/Histo: Male/Female Reproductive System	Embryo/Histo: Male/Female Reproductive System	Embryo/Histo: Male/Female Reproductive System	Embryo/Histo: Male/Female Reproductive System	Embryo/Histo: Male/Female Reproductive System
10:30 - 11:30	Physiology Integrative	Physiology Integrative	Physiology Integrative	Physiology Integrative	Physiology: Quiz 3
11:30 - 12:30	Biochemistry: Fatty acid synthesis (I)	Biochemistry: Fatty acid synthesis (II)	Biochemistry: Review of fatty acid synthesis, regulation and control	Biochemistry: Triacyl glycerol synthesis, lipoproteins, and lipid mobilization	Biochemistry: Fatty acid oxidation and ketone bodies
12:30 - 1:30					
1:30 - 2:20	DPS	Anatomy Lab1 - Upper limb - joints and ligaments		Anatomy Lab2 - Review of upper limb	
2:30 - 3:20					
3:30 - 4:30					
Semester 1	Week 14			May - August 2008	
	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:50	Anatomy: Lab review	Anatomy: Test day	Anatomy: Self - study	Anatomy: Self - study	
9:00 - 9:50	Embryo/Histo: Special Senses	Embryo/Histo: Special Senses	Embryo/Histo: Special Senses	Embryo/Histo: Special Senses	Exam 3
10:30 - 11:30	Physiology Integrative	Physiology Integrative	Physiology Integrative	Physiology Exam Review	
11:30 - 12:30	Biochemistry: Cholesterol biosynthesis, transport, and implications in disease	Phospholipids -- synthesis, degradation, and implication in some disease states	Biochemistry: Prostaglandins and leukotrienes - biosynthesis and	Biochemistry: Review and integration of lipid metabolism with emphasis on metabolic	
12:30 - 1:30					
1:30 - 2:20		Anatomy Exam			Shelf Exams Sunday Dec 14
2:30 - 3:20					
3:30 - 4:30					