

**MABS – Week 1**

TIME/DATE	Monday 7/26	Tuesday 7/27	Wednesday 7/28	Thursday 7/29	Friday 7/30
8 am	ORIENTATION	Biochemistry 1 – Cellular Biochemistry Dr Mahaney	Community Health 2: Physician’s Role, Education, Skills, Training and Clinical Processes Dr Wilson	Biochemistry 3 - Acids, Bases and Buffers Dr Mahaney	
9 am	ORIENTATION	Biochemistry 2 – Chemical Bonds in Biochemistry Dr Mahaney	Community Health 1: Intro to Community Health Dr Wilson	Biochemistry 4 – Fatty Acids, Lipids and Membranes Dr Mahaney	
10 am	ORIENTATION	Anatomy 1 – Anatomical Concepts & Terminology Dr Hill	Health Policy 1 Dr Stevens	Anatomy 3: Axial Skeleton I – The Spine Dr Hill	
11 am	ORIENTATION	Anatomy 2: Bone Tissue & Features Dr Hill	Health Policy 2 Dr Stevens	Anatomy 4: Axial Skeleton II – The Skull: part 1 Dr Hill	
12 noon		Seminar – Dr Hill		Seminar – Dr Hill	
1 pm	ORIENTATION				
2 pm	ORIENTATION				
3 pm	ORIENTATION				

All calendars are subject to change due to changes in the VCOM DO calendars, unanticipated emergencies or illness. The student will be notified via email any time the schedule is changed and with as much notice as possible.

MABS – Week 2

TIME/DATE	Monday 8/2	Tuesday 8/3	Wednesday 8/4	Thursday 8/5	Friday 8/6
8 am	Biochemistry 5 – Carbohydrates Dr Mahaney	Health Policy 3 Dr Stevens	Anatomy 6A: Axial Skeleton Lab Dr Hill	Anatomy 7: Appendicular Skeleton I – Pectoral Girdle & Upper Extremity Dr Hill	
9 am	Biochemistry 6 – Amino Acids Dr Anandakrishnan	Health Policy 4 Dr Stevens	Anatomy 6B: Axial Skeleton Lab Dr Hill	Anatomy 8: Appendicular Skeleton II – Pelvic Girdle & Lower Extremity Dr Hill	
10 am	Anatomy 5: Axial Skeleton III – The Skull: part 2 Dr Hill	Genetics 1 – Human Chromosomes I Dr Varghese	Biochemistry 7 – Structure-Function Relationships in Proteins Dr Anandakrishnan	Biochemistry 9 – Glycolipids, Proteoglycans, Glycoproteins and Extracellular Membrane Dr Mahaney	
11 am	Community Health 3: Understanding the Complexity of Health Behaviors Dr Wilson	Genetics 2 – Human Chromosomes II Dr Varghese	Biochemistry 8 – Protein Structure II: Fibrous and Globular Proteins Dr Mahaney	Biochemistry 10 – Myoglobin and Hemoglobin Dr Mahaney	
12 noon		Seminar – Dr Hill			
1 pm					
2 pm					
3 pm					

MABS – Week 3

TIME/DATE	Monday 08/9	Tuesday 08/10	Wednesday 08/11	Thursday 08/12	Friday 08/13
8 am	Biochemistry Exam (1-10)	Biochemistry 11 – Enzymes as Catalysts Dr Mahaney	Genetics 5 – Patterns of Inheritance I Dr Varghese		
9 am		Biochemistry 12 – Enzyme Kinetics and Inhibition Dr Mahaney	Genetics 6 – Patterns of Inheritance II Dr Varghese	Anatomy 9: Joints Dr Hill	
10 am	Health Policy 5 Dr Stevens	Genetics 3 – Chromosomal Disorders I Dr Varghese	Biochemistry 13 – Enzyme Regulation Dr Mahaney	Anatomy 10C: Appendicular Skeleton Lab Dr Hill	
11 am	Health Policy 6 Dr Stevens	Genetics 4 – Chromosomal Disorders II	Biochemistry 14 – Enzyme Cofactors Dr Mahaney	Anatomy 10A: Appendicular Skeleton Lab Dr Hill	
12 noon	Seminar Dr Stevens				
1 pm					
2pm					

**MABS – Week 4**

<b>TIME/DATE</b>	<b>Monday 08/16</b>	<b>Tuesday 08/17</b>	<b>Wednesday 08/18</b>	<b>Thursday 08/19</b>	<b>Friday 08/20</b>
<b>8 am</b>	Anatomy Exam (1-10)	Health Policy 7 Dr Stevens	Biochemistry 15 – Membrane Transport Dr Mahaney	Anatomy 11: Muscle Concepts & Functions Dr Hill	
<b>9 am</b>		Health Policy 8 Dr Stevens	Biochemistry 16 – Cellular Signaling I Dr Mahaney	Anatomy 12: Muscular System I – The Back Dr Hill	
<b>10 am</b>	Anatomy Practical	Genetics 7 – Patterns of Inheritance III Dr Varghese	Community Health 4: Coaching Behavior Change Dr Wilson	Genetics 9 – Problem Solving Session I Dr Varghese	
<b>11 am</b>	Anatomy Practical	Genetics 8 – Patterns of Inheritance IV Dr Varghese	Community Health 5: Intro to Existing Physician Care Models Dr Wilson	Genetics 10 – Problem Solving Session II Dr Varghese	
<b>12 noon</b>	Anatomy Practical				
<b>1 pm</b>					
<b>2pm</b>					

MABS – Week 5

TIME/DATE	Monday 08/23	Tuesday 08/24	Wednesday 08/25	Thursday 08/26	Friday 08/27
8 am	Genetics Exam (1-10)	Anatomy 14B: Back, Shoulder, Chest & Arm Lab Dr Hill	Community Health 6: Translational Research Dr Wilson	Biochemistry 19 - DNA Replication: Preserving the Code Dr Mahaney	
9 am	Anatomy 13: Muscular System II – Chest, Shoulder and Arm Dr Hill	Anatomy 14C: Back, Shoulder, Chest & Arm Lab Dr Hill	Community Health 7: Bridging the Gap between Community, Research and the Healthcare System Dr Wilson	Biochemistry 20 – Transcription: RNA Synthesis Dr Mahaney	
10 am	Biochemistry 17 - Cellular Signaling II Dr Mahaney	ALA Research 1 – Introduction to Biostatistics	Health Policy 9 Dr Stevens	Anatomy 15: Muscular System III – Forearm and Hand Dr Hill	
11 am	Biochemistry 18 – Nucleic Acid Structure Dr Mahaney	ALA Research 2 – Types of Data and Descriptive Statistics	Health Policy 10 Dr Stevens	Anatomy 16: Muscles of the Anterior Neck Dr Hill	
12 noon					
1 pm					
2pm					

MABS – Week 6

TIME/DATE	Monday 08/30	Tuesday 08/31	Wednesday 9/1	Thursday 9/2	Friday 9/3
8 am	<b>Combined Exam</b> Community Health (1-7) and Biochemistry (11-20)	Health Policy 11 Dr Stevens	Biochemistry 23 – Regulation of Gene Expression II Dr Mahaney	Biochemistry 25 – Concepts and Applications of Nucleic Acid Hybridization Dr Varghese	
9 am	ALA Community Health 8: Physical Activity Dr Wilson	Health Policy 12 Dr Stevens	Biochemistry 24 – Recombinant DNA Techniques in Medicine Dr Varghese	Biochemistry 26 – Dietary Fuels and Metabolic Pathways Dr Mahaney	
10 am	Anatomy 17A: Hand and Anterior Neck Lab Dr Hill	Biochemistry 21 – Translation: Protein Synthesis Dr Mahaney	ALA Community Health 9: Nutrition Dr Wilson	ALA Research 3 – Probability and Distribution	
11 am	Anatomy 17B: Hand and Anterior Neck Lab Dr Hill	Biochemistry 22 – Regulation of Gene Expression I Dr Mahaney	ALA Community Health 10: Alcohol Dr Wilson	ALA Research 4– Point Estimation and Confidence Interval	
12 noon					
1 pm					
2pm					
3pm					

MABS – Week 7

TIME/DATE	Monday 9/6	Tuesday 9/7	Wednesday 9/8	Thursday 9/9	Friday 9/10
8 am	Memorial Day	Anatomy 18: Muscular System IV – Abdomen Wall and Gluteal Region Dr Hill	Health Policy 13 Dr Stevens	ALA Research 6 – Parametric and Non-parametric Methods 1	
9 am		Anatomy 19C: Abdominal Wall and Gluteal Region Lab Dr Hill	Biochemistry 28 – Cellular Bioenergetics Dr Mahaney	ALA Research 7 – Parametric and Non-parametric Methods 2	
10 am		Anatomy 19A: Abdominal Wall and Gluteal Region Lab Dr Hill	Biochemistry 29 – Glycolysis Dr Mahaney	ALA Community Health 11: Smoking Dr Wilson	
11 am		Biochemistry 27 – Hormonal Control of Metabolism Dr Mahaney	ALA Research 5 – Hypothesis Testing	ALA Community Health 12: Depression Dr Wilson	
12 noon					
1 pm					
2pm					
3 pm					

MABS – Week 8

TIME/DATE	Monday 9/13	Tuesday 9/14	Wednesday 9/15	Thursday 9/16	Friday 9/17
8 am	<b>Combined Exam</b> Health Policy (1-13) and Biochemistry (21-29)	Health Policy 14 Dr Stevens	Health Policy 16 Dr Stevens	Biochemistry 30 – Tricarboxylic Acid Cycle Dr Mahaney	Biochemistry 32 – Oxidative Phosphorylation Dr Mahaney
9 am		Health Policy 15 Dr Stevens	Health Policy 17 Dr Stevens	Biochemistry 31 – Electron Transport Chain Dr Mahaney	Biochemistry 33 – Mitochondrial Function and Toxic Intermediates Dr Mahaney
10 am	Anatomy 20: Muscular System V – Thigh, Leg & Foot Dr Hill	Anatomy 21B: Thigh, Leg & Foot Lab Dr Hill	ALA Community Health 13: Opioid Overuse Dr Wilson	Genetics 11 – Clinical Genetics: Single Gene Disorders 1 Dr Varghese	Genetics 12 – Clinical Genetics: Single Gene Disorders 2 Dr Varghese
11 am	ALA Research 8 – Regression Methods	Anatomy 21C: Thigh, Leg & Foot Lab Dr Hill	ALA Community Health 14: Chronic Disease/Illness Dr Wilson	ALA Research 9 – Sample Size Calculation	Genetics 13 – Epigenetics and Imprinting I Dr Varghese
12 noon					
1 pm					
2pm					
3 pm					



MABS – Week 9

TIME/DATE	Monday 9/20	Tuesday 9/21	Wednesday 9/22	Thursday 9/23	Friday 9/24
8 am	Combined Exam Research (1-9) and Anatomy (11-21)	Genetics 14 – Epigenetics and Imprinting II Dr Varghese	Research 10 – Research Intro to Med & Health Research Methods Dr Wilson	Biochemistry 34 – Glycogen Dr Mahaney	Research 12 – Researcher Background: Impact on Research Dr Wilson
9 am		Genetics 15 – Oncogenes and Tumor Suppressor Genes Dr Varghese	Research 11 – Course Expectations Dr Wilson	Biochemistry 35 – Pentose Shunt Pathway and Interconversion of Sugars Dr Mahaney	Research 13 – Research Project: Principle Investigator Dr Wilson
10 am		Anatomy 22: Spinal Cord and Spinal Nerves Dr Hill	Neuroscience 1 - Organization of the Nervous System Dr Roballo	Anatomy 24: Cardiovascular System I – The Heart Dr Anstrom	Anatomy 25A: Heart Lab Dr Anstrom
11 am		Anatomy 23: Axial and Lumbosacral Plexi Dr Hill	Neuroscience 2 - Physiology of Neurons Dr Roballo	Neuroscience 3 - Membrane Potentials and Action Potentials Dr Roballo	Anatomy 25B: Heart Lab Dr Anstrom
12 noon					
1 pm					
2-5 pm	Anatomy Practical				

MABS – Week 10

TIME/DATE	Monday 9/27	Tuesday 9/28	Wednesday 9/29	Thursday 9/30	Friday 10/1
8 am	Biochemistry 36 - Gluconeogenesis Dr. Mahaney	Genetics 16 – Genetic Resistance to Chemotherapy Dr Varghese	Biochemistry 38 – Fatty Acids and Triglycerides Synthesis Dr. Mahaney	Neuroscience 6 - Cholinergic and Adrenergic Neurotransmission of ANS Dr Roballo	Research 14 – Research Project: Collaborator Dr Wilson
9 am	Biochemistry 37 – Fatty Acid Oxidation and Ketone Bodies Dr. Mahaney	Genetics 17 – Common Cancers and Familial Syndromes Dr Varghese	Biochemistry 39 – Synthesis of Triacylglycerols and Major Membrane Lipids Dr Mahaney	Neuroscience 7 - Neuronal Microenvironment Dr Roballo	Research 15 – Student Presentations Dr Wilson
10 am	Anatomy 26: Cardiovascular System II – Blood Vessels and Lymphatic Vessels I Dr Anstrom	Anatomy 28C: Blood Vessels Lab Dr Anstrom	Neuroscience 4 - Synaptic Transmission at the Neuromuscular Junction and CNS Dr Roballo		Genetics 18 –Problem Solving Session III Dr Varghese
11 am	Anatomy 27: Cardiovascular System II – Blood Vessels and Lymphatic Vessels II Dr Anstrom	Anatomy 28A: Blood Vessels Lab Dr Anstrom	Neuroscience 5 - Anatomy of Autonomic Nervous System Dr Roballo		Genetics 19 –Problem Solving Session IV
12 noon					
1 pm					
2pm					
3 pm					

MABS – Week 11

TIME/DATE	Monday 10/4	Tuesday 10/5	Wednesday 10/6	Thursday 10/7	Friday 10/8
8 am	<b>Combined Exam</b> Biochemistry (30-39) and Genetics (11-19)	Health Policy 18 Dr Stevens	Health Policy 20 Dr Stevens	Neuroscience 8 - Anatomy of the CNS Vasculature Dr Roballo	Biochemistry 42 – Metabolism of Ethanol Dr Mahaney
9 am		Health Policy 19 Dr Stevens	Health Policy 21 Dr Stevens	Neuroscience 9 - Somatosensory Receptors and Spinal Reflexes Dr Roballo	Biochemistry 43 – Eicosanoids Dr Mahaney
10 am	Anatomy 29: Respiratory System I Dr Anstrom	Anatomy 31B: Respiratory System Lab Dr Anstrom	Biochemistry 40 – Cholesterol Metabolism Dr Mahaney	Genetics 20 – Population Genetics I Dr Varghese	Research 16 – International Research Dr McCann??
11 am	Anatomy 30: Respiratory System II Dr Anstrom	Anatomy 31C: Respiratory System Lab Dr Anstrom	Biochemistry 41 – Blood Lipoproteins Dr Mahaney	Genetics 21 – Population Genetics II Dr Varghese	Research 17 – Panel Discussion on International Research
12 noon					
1 pm					
2pm					
3 pm					

MABS – Week 12

TIME/DATE	Monday 10/11	Tuesday 10/12	Wednesday 10/13	Thursday 10/14	Friday 10/15
8 am	<b>Combined Exam</b> Neuroscience (1-9) and Anatomy (22-31)	Health Policy 24 Dr Stevens	Biochemistry 44 – Synthesis and Degradation of Amino Acids Dr Mahaney	Genetics 22 – Genetic Screening Dr Varghese	Biochemistry 46 – Products Derived from Amino Acids Dr Mahaney
9 am		Health Policy 25 Dr Stevens	Biochemistry 45 – Urea Cycle Dr Mahaney	Genetics 23 – Pharmacogenetics Dr Varghese	Biochemistry 47 – Tetrahydrofolate, Vitamin B12, and S- Adenosylmethionine Dr Mahaney
10 am		Neuroscience 10 - Spinal Cord and Ascending Pathways Dr Roballo	Health Policy 22 Dr Stevens	Neuroscience 12 - Surface Anatomy of Brainstem and Cranial Nerves Dr Roballo	Research 18 – Integrity and Ethics Dr Mahaney
11 am		Neuroscience 11- Motor Cortex and Motor Pathways Dr Roballo	Health Policy 23 Dr Stevens	Neuroscience 13 - Sensory and Motor Functions of Cranial Nerves Dr Roballo	Research 19 – Institutional Review Board Dr Wilson
12 noon					
1 pm					
2-5 pm	Anatomy Practical				

MABS – Week 13

TIME/DATE	Monday 10/18	Tuesday 10/19	Wednesday 10/20	Thursday 10/21	Friday 10/22
8 am	Health Policy Exam (14-25)	Health Policy 26 Dr Stevens	Biochemistry 48– Purine and Pyrimidine Metabolism Dr Mahaney	Neuroscience 15 – Anatomy and Physiology of Cerebellum Dr Roballo	Anatomy 35C: Oral Cavity Lab Dr Anstrom
9 am	Anatomy 32: Urinary System Dr Anstrom	Health Policy 27 Dr Stevens	Health Policy 28 Dr Stevens	Neuroscience 16 - Anatomy and Physiology of the Basal Ganglia Dr Roballo	Anatomy 35A: Oral Cavity Lab Dr Anstrom
10 am	Genetics 24 – Gene Therapy and Treatment of Genetic Disease Dr Varghese	Anatomy 33A: Urinary System Lab Dr Anstrom	Health Policy 29 Dr Stevens	Anatomy 34: Digestive System I – Oral Cavity Dr Anstrom	Research 20 – CITI Certification I Dr Wilson
11 am	Neuroscience 14 - Pathophysiology of Genetic Neuronal Diseases Dr Roballo	Anatomy 33B: Urinary System Lab Dr Anstrom		Genetics 25 – Consumer Genetics Dr Varghese	Research 21 – CITI Certification II Dr Wilson
12 noon	Optional Seminar - Strategies for the January MCAT Dr Hill				
1 pm		Health Policy 30: Poster day Dr Stevens			
2pm		Health Policy 31: Poster Day Dr Stevens			
3 pm		Health Policy 32: Poster Day Dr Stevens			
		Health Policy 33: Poster Day Dr Stevens			

MABS – Week 14

TIME/DATE	Monday 10/25	Tuesday 10/26	Wednesday 10/27	Thursday 10/28	Friday 10/29
8 am	Biochemistry Exam (40-49)	Neuroscience 17 - Cerebellum and Basal Ganglia Disorders Dr Roballo	Neuroscience 18 - Reticular Formation and Limbic System Dr Roballo	Anatomy 38: Digestive System III – Glandular GI Dr Anstrom	Genetics 26 – Genetic Counseling I Dr Varghese
9 am		Anatomy 36: Digestive System II – Tubular GI Dr Anstrom	Neuroscience 19 - Organization of Hypothalamus and Pituitary Gland Dr Roballo	Anatomy 39A: Glandular GI Lab Dr Anstrom	Genetics 27 – Genetic Counseling II Dr Varghese
10 am	Research 22 – Student CITI Certification I Dr Wilson	Anatomy 37B: Tubular GI Lab Dr Anstrom	Research 24 – Research Methods: The Literature Review Dr Wilson	Anatomy 39B: Glandular GI Lab Dr Anstrom	Research 26 – How to Make a Research Outline: part II Dr Wilson
11 am	Research 23 – Student CITI Certification II Dr Wilson	Anatomy 37C: Tubular GI Lab Dr Anstrom	Research 25 – How to Make a Research Outline: part I Dr Wilson		Research 27 – Process of Writing a Research Article Dr Wilson
12 noon					
1 pm					
2pm					
3 pm					
4 pm					
5 pm					

MABS – Week 15

TIME/DATE	Monday 11/1	Tuesday 11/2	Wednesday 11/3	Thursday 11/4	Friday 11/5
8 am	<b>Combined Exam</b> Neuroscience (10-19) and Research (10-26)	Health Policy 38 Dr Stevens	Health Policy 34 Dr Stevens	Neuroscience 20 - Sleep and Arousal Dr Roballo	Health Policy 41 Dr Stevens
9 am		Health Policy 39 Dr Stevens	Health Policy 40 Dr Stevens	Neuroscience 21 - Higher Cortical Function: Language and Cognition Dr Roballo	Research 31 – Article Structure: Common Reporting Guidelines Dr Wilson
10 am	Anatomy 40: Endocrine System Dr Anstrom	Anatomy 41C: Endocrine System Lab Dr Anstrom	Research 30 – Article Structure: Key content of the research Article Dr Wilson	Anatomy 43B: Male Reproductive System Lab Dr Anstrom	Genetics 28 –Problem Solving Session V Dr Varghese
11 am	Research 28 – Introduction to Writing a Research Paper Dr Wilson	Anatomy 41A: Endocrine System Lab Dr Anstrom	Anatomy 42: Male Reproductive System Dr Anstrom	Anatomy 43C: Male Reproductive System Lab Dr Anstrom	Genetics 29 –Problem Solving Session VI Dr Varghese
12 noon					
1 pm	Research 29A – SGL in Class Project: part I Dr Wilson				
2pm	Research 29B – SGL in Class Project: part II Dr Wilson				
3 pm	Research 29C – SGL in Class Project: part III Dr Wilson				
4 pm					

MABS – Week 16

TIME/DATE	Monday 11/8	Tuesday 11/9	Wednesday 11/10	Thursday 11/11	Friday 11/12
8 am	Genetics Exam (20-29)	Health Policy 35 Dr Stevens	Research 34 – Critical Revision: part II SGL writing assignment Dr Wilson	Neuroscience 24 - Anatomy and Physiology of the Eye Dr Roballo	Health Policy 37 Dr Stevens
9 am	Anatomy 44: Female Reproductive System Dr Anstrom	Health Policy 36 Dr Stevens	Research 35 – Critical Revision: part III SGL reviews Dr Wilson	Neuroscience 25 - Visual Pathways Dr Roballo	Health Policy 42 Dr Stevens
10 am	Research 32 – Citations Dr Wilson	Neuroscience 22 – Sensory Transduction: Taste and Smell Dr Roballo	Anatomy 45A: Female Reproductive System Lab Dr Anstrom		Research 36 – Writing Successful Strategies Dr Wilson
11 am	Research 33 – Critical Revision: part I Dr Wilson	Neuroscience 23 - Anatomy and Physiology of the Ear I Dr Roballo	Anatomy 45B: Female Reproductive System Lab Dr Anstrom		Research 37 – Reasons to Publish Dr Wilson
12 noon					
1 pm					
2pm					



MABS – Week 17

TIME/DATE	Monday 11/15	Tuesday 11/16	Wednesday 11/17	Thursday 11/18	Friday 11/19
8 am	<b>Combined Exam</b> Anatomy (32-45) and Health Policy (26-42)	Neuroscience 26 - Clinical Case Correlation Presentations by Students Dr Roballo			Neuroscience 29 - Clinical Case Correlation Presentations by Students Dr Roballo
9 am		Neuroscience 27 - Clinical Case Correlation Presentations by Students Dr Roballo	Research 38 – Selecting a Target Journal Dr Wilson		Neuroscience 30 - Clinical Case Correlation Presentations by Students Dr Roballo
10 am		Neuroscience 28 - Clinical Case Correlation Presentations by Students Dr Roballo	Research 39 – Manuscript submission Dr Wilson		Research 41 – Panel Discussion: Complications Asso. with Research, Writing and Publication
11 am			Research 40 – Review, Resubmission and Publication Dr Wilson		Research 42 – Writing and Developing the Questionnaire Dr Wilson
12 noon					
1 pm					
2-5 pm	Anatomy Practical				

**MABS – Week 18**

<b>TIME/DATE</b>	<b>Monday 11/22</b>	<b>Tuesday 11/23</b>	<b>Wednesday 11/25</b>	<b>Thursday 11/26</b>	<b>Friday 11/27</b>
<b>8 am</b>		<b>Combined Exam</b> Neuroscience (20-30) and Research (27-42)	Break	Thanksgiving	Break
<b>9:00 am</b>					
<b>10:00 am</b>					
<b>11:00 am</b>		Harvest Meal Celebration			
<b>12 noon</b>		Harvest Meal Celebration			
<b>1:00 pm</b>		Harvest Meal Celebration			
<b>2:00 pm</b>					