

## INTRODUCTORY LECTURES (WEEKS 1 & 2)

Week & Dates	Day	Time	Task and group	Venue	Facilitator
<b>WEEK 1</b>  <b>21st - 25th Sept</b>	Monday		COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
	Tuesday		COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
	Wednesday		COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
	Thursday		COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
			COMMON MASTER EPIDEMIOLOGY COURSE		
Friday		COMMON MASTER EPIDEMIOLOGY COURSE			
Study objectives: <ol style="list-style-type: none"> <li>1. Be familiar with basic terms used in gross and developmental anatomy</li> <li>2. Be able to describe the posture of man</li> <li>3. Demonstrate the various movements that occur in joints</li> <li>4. Appreciate the fundamental components of the body systems as introduced to you</li> <li>5. State the main functions of each of the organ systems</li> <li>6. Successfully enroll for the three online histology modules in the multimedia portal</li> <li>7. Learn how to use the online portal for histology modules</li> <li>8. <b>GAIN KNOWLEDGE OF EPIDEMIOLOGY AND BISOTATITISCS FOR RESEARCH</b></li> </ol>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 2</b>	Monday	8:00am – 10:00am	Advanced embryology – Molecular control of development	Comp Lab	Prof Gichangi
		10:30am – 12:30pm	Advanced gross anatomy –setting the expectations	Comp Lab	Prof Saidi
<b>28th</b>		2:00pm – 6:00pm	Dissection of MSC Cadaver	Gross Anatomy Lab	Students
<b>Sept - 2nd Oct</b>	Tuesday	8:00am – 1:00pm	Microscopic Anatomy	Histology Lab	Dr Ngungu and Team
		2:00pm – 6:00pm	Self-study		
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication		Prof Gichangi/Dr Mandela/Vet team
		11:00am – 1:00pm	Facilitate Practical: Musculoskeletal System – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Facilitate Practical: Digestive system & Cardiorespiratory System – B	Gross Anatomy Lab	All
Thursday	8:00am – 10:00am	Basic techniques in microscopic anatomy – All	MH-2	Dr. Mwachaka	

10:00am - 11:00am	Facilitate Practical: Use of Microscopes - Group 1	Histology Lab	Dr. Mwachaka
11:00am - 12:00pm	Facilitate Practical: Use of Microscopes - Group 2	Histology Lab	Dr. Butt
12:00am - 1:00pm	Facilitate Practical: Use of Microscopes - Group 3	Histology Lab	Dr. Butt
2:00pm - 6:00pm	Facilitate Practical: Urogenital & Neuroendocrine systems - B	Gross Anatomy Lab	All

Friday	8:00am – 10:00am	Cell cycle and cell division – All	MH-2	Dr. Ndung'u
	10:00am – 11:30am	Gametogenesis; gamete transport & fertilization – All	MH-2	Prof. Malek
	11:30am – 1:00pm	Female reproductive cycles – All	MH-2	Dr. Pulei
	2:00pm – 3:00pm	Introduction to dissection and gross anatomy laboratory rules – All	MH-2	Dr. Kaisha

Study objectives:

1. Appreciate the fundamental components of the various body systems as seen in the laboratory
2. Be familiar with basic techniques of tissue preparation for microscopy
3. Be able to safely use a light microscope and familiarize yourself with other types of microscopy
4. Understand the phases of the cell cycle
5. Be able to apply genetics to the science of cell cycle
6. Describe the process of mitosis and meiosis & relate this to gametogenesis
7. Be clear on the process of fertilization and its results
8. Be able to relate the process of fertilization to clinical practice

**LOWER LIMB ANATOMY; BASIC HISTOLOGY & EMBRYOLOGY (WEEKS 3-6)**

Dates	Day	Time	Task and group	Venue	Facilitator(s)
-------	-----	------	----------------	-------	----------------

<b>WEEK 3</b> <b>5<sup>th</sup> – 9<sup>th</sup></b> <b>Oct</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Olabu
	Tuesday	2:00pm – 5:00pm	Dissection of MSC cadaver	Gross lab	Students
		8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication		Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of gluteal region, back of the thigh and popliteal fossa – B	Gross Anatomy Lab	Dr. Olabu
		11:20am – 1:00pm	Dissection with group B: Gluteal region – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Gluteal region – B	Gross Anatomy Lab	All
	Thursday	8:00am – 10:00am	Cytology I: The cell structure – All	MH-2	Dr. Butt
		10:00am – 1:00pm	Self-study		
		2:00pm – 6:00pm	Dissection with group B: Back of the thigh & popliteal fossa – B	Gross Anatomy Lab	All
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	Early development: 1 <sup>st</sup> and 2 <sup>nd</sup> weeks of development and implantation – All	MH-2	Dr. Obimbo
		11:00am – 1:00pm	Clinical Anatomy of gluteal region, back of the thigh and popliteal fossa – All	MH-2	Dr. Kigera
		2:00pm – 5:00pm	Progress Assessment Test 1 – A (Munguti/Caroline)	MH-2	Dr. Kaisha
		2:00pm – 5:00pm	Progress Assessment Test 1 – B (Shiku/Mercy)	Histology Lab	Dr. Kaisha
<p>Study objectives:</p> <ol style="list-style-type: none"> <li>1. Describe the boundaries of the gluteal region</li> <li>2. Describe the attachments, action, innervation, blood supply and clinical relevance of the gluteal and hamstring muscles</li> <li>3. Describe the divisions, contents and clinical relevance of the sciatic foramina.</li> <li>4. State the boundaries, contents and clinical relevance of the popliteal fossa</li> <li>5. Describe the arterial anastomoses around the gluteal region and back of the thigh</li> <li>6. Describe the sensory innervation of the skin of the gluteal region and back of the thigh</li> <li>7. Describe the structure &amp; functions of the cell membrane &amp; cellular organelles</li> <li>8. Familiarize with the cytoskeleton and its clinical importance</li> <li>9. Outline the events that occur during the 1<sup>st</sup> week of development</li> <li>10. Outline the events that occur during the 2<sup>nd</sup> week of development and highlight on the “week of twos”</li> <li>11. Familiarize with the term cleavage, compaction, zygote, morula, blastocyst, embryoblast, trophoblast, epiblast and hypoblast</li> </ol>					
<b>Week &amp; Dates</b>	<b>Day</b>	<b>Time</b>	<b>Task and group</b>	<b>Venue</b>	<b>Facilitator(s)</b>
<b>WEEK 4</b> <b>12<sup>th</sup> – 16<sup>th</sup></b> <b>Oct</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Gikenye
		2:00pm – 5:00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team

2:00pm - 5:00pm	Self-study	Library	Students
-----------------	------------	---------	----------

Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am – 11:20am	Overview of the anteromedial thigh and hip joint – B	Gross Anatomy Lab	Dr. Ongeti
	11:20am – 1:00pm	Dissection with group B: Femoral triangle – B	Gross Anatomy Lab	All
	2:00pm – 6:00pm	Dissection with group B: Antero-medial thigh – B	Gross Anatomy Lab	All
Thursday	8:00am – 10:00am	Cytology II: Cell functional specialization – All	MH-2	Dr. Pulei
	10:00am – 1:00pm	Self-study		
	2:00pm – 6:00pm	Dissection with group B: The Hip joint – B	Gross Anatomy Lab	All
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:00am	3 <sup>rd</sup> week of development: Gastrulation, derivatives of germ layers and neurulation – All	MH-2	Prof. Ogeng'o
	10:30am – 12:30pm	Clinical Anatomy of the hip and antero-medial thigh – All	MH-2	Dr. Kigera
	2:00pm – 4:00pm	Soft skills: Surviving 1st Year – All	MH-2	Prof. Saidi & Panel

Study objectives:

1. Describe the sensory innervation of the skin of the anterior and medial thigh
2. Describe the topographic organization of the thigh in terms of muscular compartments, innervation and muscle groups
3. Describe the attachments, actions and innervation of the muscles of the anterior and medial thigh
4. State the boundaries, contents and clinical relevance of the femoral triangle, femoral canal and adductor canal
5. Describe the classification, articular structures, stability factors, relations, movements, neurovascular supply and clinical anatomy of the hip joint
6. Cell functional specialization and its relevance in histological tissue identification
7. Describe the process of gastrulation & neurulation
8. Differentiate between primary and secondary neurulation and name the various neural tube disorders and state their embryological basis.
9. State the derivatives of the three germ layers and disorders of gastrulation

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 5</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Gikenye
<b>19<sup>th</sup> – 23<sup>rd</sup> Oct</b>		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	PUBLIC HOLIDAY			
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of knee joint and osteofascial compartments of the leg – B	Gross Anatomy Lab	Dr. Kigera
		11:20am – 1:00pm	Dissection with group B: Knee Joint – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection: Anterior Leg and Dorsum of the foot – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
		11:30am – 1:00pm	Practical: Organization of lining epithelia – Group 3	Histology Lab	Dr. Butt
		2:00pm – 6:00pm	Dissection with group B: Anterior Leg and Dorsum of the foot – B	Gross Anatomy Lab	All
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	Fetal membranes I: Amnion, Umbilical vesicle and Allantois – All	MH-2	Dr. Pulei
		10:30am – 12:30pm	Clinical anatomy of the knee and leg compartments – All	MH-2	Dr. Odula
		2:00pm – 5:00pm	Review of lower limb neurovascular anatomy – All	MH-2	Dr. Gikenye
	<p>Study objectives:</p> <ol style="list-style-type: none"> <li>Describe the formation, stability, relations, bursae, movements, neurovascular supply clinical anatomy of the knee joint</li> <li>Be familiar with the division of the leg into the anterior, lateral and posterior osteofascial compartments</li> <li>Highlight on the anatomical basis and clinical features leg compartment syndromes</li> <li>Describe the formation, course, branches and distribution and clinical anatomy of the sciatic, tibial, common peroneal, femoral and obturator nerves</li> <li>Outline the lower limb arterial tree from the aorta and highlight on various anastomoses</li> <li>Outline the venous drainage of the lower limb</li> <li>State the factors that promote venous return from the lower limb and give clinical relevance of this</li> <li>Describe the characteristics of epithelial tissue</li> <li>Give various epithelial types and state the distribution of each</li> <li>List the components of the foetal membranes</li> <li>State the formation, functions, fate and clinical correlates of the amnion, umbilical vesicle and the allantois</li> </ol>				
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 6</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Kigera
<b>25<sup>th</sup> – 30<sup>th</sup> Oct</b>		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students

Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
	2:00pm – 5:00pm	Self-study	Library	Students
Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am – 1:00pm	Dissection: Peroneal and Flexor Compartments of the leg – B	Gross Anatomy Lab	All
	2:00pm – 2:20pm	Overview of ankle joint and foot anatomy – A	Gross Anatomy Lab	Dr. Odula
	2:20pm – 6:00pm	Dissection with group B: The ankle joint and the tarsal tunnel – B	Gross Anatomy Lab	All
Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am – 1:00pm	Practical: Organization of fibrous connective tissue and adipose tissue – Group 3	Histology Lab	Dr. Kamau
	2:00pm – 6:00pm	Dissection with group B: Plantar aspect of the foot – B	Gross Anatomy Lab	All
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:00am	Foetal membranes II: Chorion and the Placenta; Multiple gestation and their mechanisms	MH-2	Dr. Pulei
	10:00am – 1:00pm	End of theme tutorials – All (Lower limb anatomy) (Munguti/Shiku/Caroline/Mercy)	MH-2/Anat. Labs	All
	2:00pm – 5:00pm	Progress Assessment Test 2 – A (Shiku/Mercy)	MH-2	Dr. Ongeti
	2:00pm – 5:00pm	Progress Assessment Test 2 – B (Munguti/Caroline)	Histology Lab	Dr. Ongeti

Study objectives:

1. Describe the formation, stability, relations, movements, neurovascular supply and clinical anatomy of the ankle joint
2. Identify and name the tarsal bones on foot skeleton and radiograph
3. Be familiar with the arches of the foot
4. Describe the sensory innervation of the foot
5. State the components of the four muscular and two neurovascular layers of the plantar aspect of the foot
6. Describe the motor innervation of the foot
7. State how the plantar arterial and dorsal venous arches are formed
8. Outline the classification of connective tissue
9. State the varieties of connective tissue proper
10. Name the resident and migrant cell types of fibrous connective tissues and indicate functions of each
11. State the types of connective tissue fibers and indicate distribution and role of each
12. Describe the formation, functions and disorders of the placenta
13. Discuss various types of twinning



**UPPER LIMB ANATOMY; BASIC TISSUES; BASIC EMBRYOLOGY AND LIMB DEVELOPMENT (WEEKS 7-9)**

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 7</b> <b>2<sup>nd</sup> – 6<sup>th</sup></b> <b>Nov</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Odula
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of the back, pectoral region, axilla and brachial plexus – B	Gross Anatomy Lab	Dr. Gikenye
		11:20am – 1:00pm	Dissection: The back – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Pectoral region and Mammary gland – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
11:30am – 1:00pm		Practical: Organization cartilage tissue – Group 3	Histology Lab	Dr. Kigera	
2:00pm – 6:00pm		Dissection: The Axilla & brachial plexus – B	Gross Anatomy Lab	All	
Friday		7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:30am	Fetal growth: Assessment of growth and factors influencing fetal growth – All Principles of teratology – All	MH-2	Prof. Ogeng'o	
	11:00am – 1:00pm	Clinical Anatomy of the back & axilla – All	MH-2	Dr. Awori	
	2:00pm – 5:00pm	Clinical anatomy of the pectoral region & the breast – All	MH-2	Dr. Ndung'u	
Study objectives: <ol style="list-style-type: none"> <li>1. Outline surface landmarks of the back</li> <li>2. Describe the attachments, innervation, actions and clinical relevance of the muscles of the back</li> <li>3. Describe the attachments, innervation, actions and clinical relevance of the pectoral muscles</li> <li>4. Describe the location, extents, parts, blood supply and lymphatic drainage of the adult female breast</li> <li>5. State the boundaries and contents of the axilla</li> <li>6. Describe the formation and parts of the brachial plexus and highlight its common disorders</li> <li>7. Outline the anatomical and clinical classification of the axillary lymph nodes and indicate the territory of each</li> <li>8. State the properties, types, functions and distribution of cartilage tissue spectra</li> <li>9. State the invasive and non-invasive methods of fetal monitoring</li> <li>10. Outline common environmental causes of birth defects</li> </ol>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)

<b>WEEK 8</b> <b>9<sup>th</sup> – 13<sup>th</sup> Nov</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Gikenye
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of shoulder joint complex, arm and cubital fossa – B	Gross Anatomy Lab	Dr. Obimbo
		11:20am – 1:00pm	Dissection: Glenohumeral, acromioclavicular & sternoclavicular joints – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Arm and cubital fossa – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
		11:30am – 1:00pm	Practical: Organization bone tissue – Group 3	Histology Lab	Dr. Kigera
		2:00pm – 6:00pm	Dissection with group B: Extensor compartment of the forearm – B	Gross Anatomy Lab	All
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:00am	Development of connective tissue: Embryonic (mesenchyme) & fibrous connective tissue; cartilage and bone – All	MH-2	Prof. Gichangi
		10:30am – 12:30pm	Clinical anatomy of the shoulder and elbow joints – All	MH-2	Dr. Kigera
		2:00pm – 5:00pm	Progress Assessment Test 3 – A (Munguti/Caroline)	MH-2	Dr. Olabu
2:00pm – 5:00pm		Progress Assessment Test 3 – B (Shiku/Mercy)	Histology Lab	Dr. Olabu	
<p>Study objectives:</p> <ol style="list-style-type: none"> <li>1. Describe the sensory innervation of the shoulder region</li> <li>2. Outline the surface landmarks of the shoulder region</li> <li>3. Describe the formation, stability, movements and clinical anatomy of the glenohumeral, acromioclavicular and sternoclavicular joints</li> <li>4. Describe the attachments, innervation, action and clinical relevance of the muscles of the arm</li> <li>5. Describe the formation, course, branches and distribution of the axillary, musculocutaneous, radial, ulnar and median nerves</li> <li>6. Outline the boundaries, contents and clinical relevance of the cubital fossa</li> <li>7. Describe the lamellae organization of the bone matrix</li> <li>8. Name the cell types of bone and indicate the functions of each</li> <li>9. State and give embryological basis of common developmental disorders of bone and cartilage</li> </ol>					
<b>Week &amp; Dates</b>	<b>Day</b>	<b>Time</b>	<b>Task and group</b>	<b>Venue</b>	<b>Facilitator(s)</b>
<b>WEEK 9</b> <b>16<sup>th</sup> – 20<sup>th</sup> Nov</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Obimbo
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of forearm, elbow, wrist and hand – B	Gross Anatomy Lab	Dr. Ndung'u

	11:20am - 1:00pm	Dissection: Flexor compartments of the forearm - B	Gross Anatomy Lab	All
	2:00pm - 6:00pm	Dissection with group B: Elbow, wrist and radio-ulnar joints - A	Gross Anatomy Lab	All
Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am - 1:00pm	Practical: Organization of propulsion tissue - Group 3	Histology Lab	Dr. Kigera

	2:00pm - 6:00pm	Dissection: The Hand - B	Gross Anatomy Lab	All
Friday	7:00am - 8:00am	Journal club	Histology Lab	All

8:00am - 10:00am	Development of muscles and limbs - All	MH-2	Dr. Awori
10:00am -1:00pm	End of theme tutorials - All (Upper limb anatomy) (Munguti/Shiku/Caroline/Mercy)	MH-2/Anat. Labs	All
2:00pm - 5:00pm	Self-study		

Study objectives:

1. Describe the sensory innervation of the forearm and hand
2. Describe the venous drainage of the upper limb and indicate clinical relevance
3. Describe the organization and actions of the extensor and flexor muscles of the forearm
4. Describe the formation, course, branches and distribution of the axillary, musculocutaneous, radial, ulnar and median nerves
5. Outline the arterial tree of the upper limb and highlight on various anastomoses
6. State the components, stability and movements of the elbow, radio-ulna and radio-carpal articulations
7. Describe the development & histological organization of skeletal muscle
8. Highlight of the structural and functional differences between skeletal, cardiac and smooth muscles
9. Apart from muscle cells, name other cells with contractile properties and indicate the distribution and role of each
10. State the steps in the process of limb development and the basis for common congenital anomalies of the muscles & limbs

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
--------------	-----	------	----------------	-------	----------------

<b>WEEK 10</b> <b>23<sup>rd</sup> - 27<sup>th</sup> Nov</b>	Monday	<b>MID-SEMESTER ONE EXAMINATIONS (SHORT ANSWER QUESTIONS HHA 601, 602, 603, 604, 605/606)</b>	<b>All</b>
	Tuesday		
	Wednesday		
	Thursday		
	Friday		

**INTEGUMENT SYSTEM (WEEKS 11)**

<b>Week &amp; Dates</b>	<b>Day</b>	<b>Time</b>	<b>Task and group</b>	<b>Venue</b>	<b>Facilitator(s)</b>
<b>WEEK 11</b> <b>30<sup>th</sup> Nov - 4<sup>th</sup> Dec</b>	Monday	8:00am - 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am - 12.30pm	Advanced gross anatomy	Comp lab	Dr. Ndungu
	Tuesday	2.00pm - 5.00pm	Dissection of MSC cadaver	Gross lab	Students
		8:00am - 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
	Wednesday	2:00pm - 5:00pm	Self-study	Library	Students
		8:00am - 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am - 11:20am	Overview of the scalp - A	Gross Anatomy Lab	Dr. Butt
		11:20am - 1:00pm	Dissection with group B: The scalp - A	Gross Anatomy Lab	All
	Thursday	2:00pm - 6:00pm	Revision of mid-semester 1 exam (as assigned)	Human Anatomy Labs	All
		7:30am - 11:00am	Surgical Anatomy	Comp Lab	Dr. Ndung'u
		11:30am - 1:00pm	Practical: Organization of skin and receptors of general sensations - Group 3	Histology Lab	Dr. Mandela
	Friday	2:00pm - 6:00pm	Revision of mid-semester 1 exam (as assigned)	Human Anatomy Labs	All
		7:00am - 8:00am	Journal club	Histology Lab	All
		8:00am - 10:00am	Development of the skin and its appendages - All	MH-2	Prof. Gichangi
10:30am - 11:30am		Clinical Anatomy of the scalp - All	MH-2	Dr. Kamau	
		2:00pm - 5:00pm	Self-study		

Study objectives:

1. Describe the layers, innervation, blood supply and lymphatic drainage of the scalp
2. Describe the layers of the skin
3. Name the cell types of the epidermis and indicate the functions of each
4. Describe the development & histological organization of the skin and its appendages
5. Describe the development and congenital anomalies of the breast
6. Name common congenital malformations of the skin indicate embryological basis of each

### NEUROANATOMY (WEEKS 12-16)

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 12</b> <b>7<sup>th</sup> – 11<sup>th</sup></b> <b>Dec</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10:30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Butt
		2:00pm – 5:00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/sterology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of the skull, cranial cavity, meninges, dural reflections and dural sinuses – B	Gross Anatomy Lab	Dr. Butt
		11:20am – 1:00pm	Dissection: The skull and cranial cavity – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Removal of the brain – A	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Dr. Olabu
11:30am – 1:00pm		Practical: Organization of the Nervous tissue – Group 3	Histology Lab	Dr. Olabu	
2:00pm – 6:00pm		Dissection: Dural sinuses – B	Gross Anatomy Lab	All	



Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:30am	Development of axial skeleton – All	MH-2	Prof. Saidi
	11:00am – 1:00pm	Introduction to Neuroanatomy: Outline, scope and expectations – All	MH-2	Dr. Olabu
	2:00pm – 5:00pm	Soft skills: Problem Solving & Critical Thinking	MH-2	Dr. Ndung'u and Panel

Study objectives:

1. Name the components of the neurocranium and viscerocranium
2. Be familiar with the clinical significance of pterion
3. Outline the differences between the skull of a neonate and that of an adult
4. Describe the innervation of the dura matter and state its clinical relevance
5. Name and identify the dural reflections and dural sinuses
6. Describe the parts and contents of each of the cranial fossae
7. Outline the classification of neurons according to anatomical structure, function and others
8. Name the peripheral and central neuroglial cells and state the functions of each
9. Familiarize with terms such as cortex, nucleus, ganglion, association fiber, projection fiber and commissural fiber
10. Describe the development of the cranium, vertebrae and ribs and state the basis of common anomalies associated with their development

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 13</b> <b>14<sup>th</sup> – 18<sup>th</sup> Dec</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Butt
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students

Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am – 11:20am	Overview of the vertebral column and spinal cord – B	Gross Anatomy Lab	Dr. Awori
	11:20am – 1:00pm	Dissection: Opening of the vertebral column – B	Gross Anatomy Lab	All
	2:00pm – 6:00pm	Dissection with group B: Spinal cord external features and blood supply – B	Gross Anatomy Lab	All
Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am – 1:00pm	Practical: Organization of the spinal cord, ganglia & peripheral nerve – Group 3	Histology Lab	Dr. Mandela
	2:00pm – 6:00pm	Dissection with group B: Functional areas of the cerebral cortex – B	Gross Anatomy Lab	All
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:30am	Neurulation and development of the spinal cord – All	MH-2	Prof. Gichangi
	11:00am – 1:00pm	Ascending tracts – All	MH-2	Prof. Saidi
	2:00pm – 5:00pm	Progress Assessment Test 4 – A (Shiku/Mercy)	MH-2	Dr. Kaisha
	2:00pm – 5:00pm	Progress Assessment Test 4 – B (Munguti/Caroline)	Histology Lab	Dr. Kaisha

Study objectives:

1. Describe the external and internal features of the spinal cord
2. Outline the blood supply to the spinal cord
3. Describe the topography of the cerebral cortex and identify the functional areas
4. Be able to tell the sites of the Rexed laminae and major tracts in the spinal cord, and relate these to spinal cord syndromes
5. Describe the development of the spinal cord and be familiar with the concept of primary and secondary neurulation.
6. Outline common congenital malformations of the spinal cord and give embryological basis of each

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 14</b> <b>11<sup>th</sup> – 15<sup>th</sup> Jan</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Awori
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of cerebral topography, brainstem features and blood supply to the brain – B	Gross Anatomy Lab	Dr. Kaisha
		11:20am – 1:00pm	Dissection: Cerebral topography and functional areas – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Base of the brain, brainstem and cranial nerves – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
11:30am – 1:00pm		Practical: Organization of the brainstem – Group 3	Histology Lab	Dr. Olabu	
		2:00pm – 6:00pm	Dissection with group B: Medial surface of the brain & the blood supply of the brain – B	Gross Anatomy Lab	All
Friday	7:00am – 8:00am	Journal club	Histology Lab	All	
	8:00am – 10:00am	Development of the brainstem and cerebellum – All	MH-2	Prof. Malek	
	10:30am – 12:30pm	Brainstem nuclei & cranial nerves – All	MH-2	Dr. Obimbo	
		2:00pm – 5:00pm	Cerebral topography and cortical functional areas – All	MH-2	Dr. Mwachaka
<p>Study objectives:</p> <ol style="list-style-type: none"> <li>1. The learner must be able to describe the basic topography of the cerebrum</li> <li>2. Identify the various functional areas in each of the lobes of the cerebral cortex, and relate this with effects of injury</li> <li>3. Outline the formation and branches of the arterial circle of Willis</li> <li>4. Describe the territorial blood supply to the cerebral cortex</li> <li>5. Name the major veins of the brain</li> <li>6. Identify the cranial nerves and outline the origin, course, functional components, branches and distribution of each</li> <li>7. Describe the external and internal features of the midbrain, pons and medulla oblongata</li> <li>8. Be able to state the derivatives of the various brain vesicles and state its common malformations</li> </ol>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 15</b> <b>18<sup>th</sup> – 22<sup>nd</sup> Jan</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Kaisha
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of cerebellum and internal features of the cerebrum – B	Gross Anatomy Lab	Prof. Saidi
		11:20am – 1:00pm	Dissection with group B: Diencephalon and ventricular system – B	Gross Anatomy Lab	All

	2:00pm - 6:00pm	Dissection with group B: Cerebellum and basal ganglia - B	Gross Anatomy Lab	All
Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am - 1:00pm	Practical: Organization of the cerebrum & the cerebellum - Group 3	Histology Lab	Dr. Obimbo

	2:00pm - 5:00pm	Revision: Histology slides with group B	Histology Lab	All
Friday	7:00am - 8:00am	Journal club	Histology Lab	All
	8:00am - 10:00am	Development of the cerebrum and postnatal brain development - All	MH-2	Prof. Ogeng'o
	10:30am - 12:30pm	Diencephalon, basal ganglia and the limbic system - All	MH-2	Dr. Olabu
	2:00pm - 5:00pm	Descending tracts - All	MH-2	Dr. Odula

Study objectives:

1. Describe the organization cerebral and cerebellar cortex
2. The learner must describe the components and functions of the diencephalon and the basal ganglia, and relate these to common disorders
3. Describe the parts, connections, functions and effects of lesions of the cerebellum
4. Describe the histological organization of the cerebrum & cerebellum including the layers & cell types within
5. Describe the pyramidal and the extrapyramidal pathways
6. Be able to state the derivatives of the various brain vesicles and state its common malformations

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)	
<b>WEEK 16</b> <b>25<sup>th</sup> – 29<sup>th</sup> Jan</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team	
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Prof Saidi	
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students	
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team	
		2:00pm – 5:00pm	Self-study	Library	Students	
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team	
		11:00am – 11:20am	Self-study – B			
			11:20am – 1:00pm	Self-study – B		
			2:00pm – 6:00pm	Review of neuroanatomy with group B	Histology Lab	Dr. Olabu
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Dr. Ndung'u	
		11:30am – 1:00pm	Practical: Histological organization of receptors of special sensation – Group 3	Histology Lab	Dr. Kaisha	
		2:00pm – 5:00pm	Review of histology slides with group B	Histology Lab	Dr. Ongeti	
Friday	7:00am – 8:00am	Journal club	Histology Lab	All		
	8:00am – 10:00am	Review of embryology – All	MH-2	Dr. Olabu		
	10:30am – 12:30pm	End of theme tutorials – All (Neuroanatomy)	MH-2/Anat. Labs	All		
	2:00pm – 5:00pm	Progress Assessment Test 5 – A (Munguti/Caroline)	MH-2	Dr. Mwachaka		
		2:00pm – 5:00pm	Progress Assessment Test 5 – B (Shiku/Mercy)	Histology Lab	Dr. Mwachaka	
Study objectives: 1. Describe the organization of receptors of special sensation 2. Revisions						

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 17</b> <b>1<sup>st</sup> – 5<sup>th</sup> Feb</b>	Monday		<b>REVISION WEEK</b>		
	Tuesday				
	Wednesday				
	Thursday				
	Friday				

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)	
<b>WEEK 18</b> 8 <sup>th</sup> - 12 <sup>th</sup> Feb	Monday		<b>END OF SEMESTER ONE EXAMINATIONS (TAGGED PRACTICAL HHA 601, 602, 603, 604 AND ESSAY PAPER HHA 605/606)</b>			
	Tuesday					
	Wednesday					
	Thursday					
	Friday					
<b>HEAD &amp; NECK ANATOMY AND THE ENDOCRINE SYSTEM (WEEKS 19-22)</b>						
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)	
<b>WEEK 19</b> 15 <sup>th</sup> - 19 <sup>th</sup> Feb	Monday	8:00am - 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team	
		10.30am - 12.30pm	Advanced gross anatomy	Comp lab	Dr. Olabu/Odula	
	Tuesday	2.00pm - 5.00pm	Dissection of MSC cadaver	Gross lab	Students	
		8:00am - 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team	
		2:00pm - 5:00pm	Self-study	Library	Students	
	Wednesday	8:00am - 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team	
		11:00am - 11:20am	Overview of the face, parotid region and the orbit - B	Gross Anatomy Lab	Dr. Butt	
		11:20am - 1:00pm	Dissection with group B: Superficial and deep face - B	Gross Anatomy Lab	All	
		2:00pm - 6:00pm	Dissection with group B: Parotid region and facial nerve - B	Gross Anatomy Lab	All	
	Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Surgeons	
		11:30am - 1:00pm	Histology practical: Organization of the eyeball and its adnexa - Group 3	Histology Lab	Dr. Kaisha	
			2:00pm - 6:00pm	Dissection with group B: Orbit and the eyeball - B	Gross Anatomy Lab	All
	Friday	7:00am - 8:00am	Journal club		Histology Lab	All
8:00am - 10:30am		Head and Neck development I: Pharyngeal apparatus and their derivatives - All		MH-2	Prof. Gichangi	
11:00am - 1:00pm		Clinical anatomy of the face and parotid region - All		MH-2	Dr. Kamau	
2:00pm - 5:00pm		Orbit, eyeball and the visual pathway - All		MH-2	Dr. Gikenye	

Study objectives:

1. Describe the sensory innervation of the face
2. Familiarize yourself with muscles of the face especially those around sphincters
3. State the blood supply of the face and its clinical significance including the concept of the 'danger' area of the face.
4. Describe origin, functional components, intra and extracranial course and branches, distribution and clinical relevance of the facial nerve
5. Describe the lymphatic drainage of the scalp and face
6. State the organization of the parotid gland including boundaries, relations, parts & processes, contents, and its innervation
7. Describe the walls & contents of the orbit
8. Describe the histological organization of the eyeball including the adaptations of various parts to their function.
9. Outline the visual pathway and highlight various visual defects that may occur due to injury along this pathway
10. State the components and derivatives of the pharyngeal apparatus

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 20</b> <b>22<sup>nd</sup> – 26<sup>th</sup> Feb</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Butt/Kamau
	Tuesday	2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
		8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
	Wednesday	2:00pm – 5:00pm	Self-study	Library	Students
		8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of neck fasciae and triangles – B	Gross Anatomy Lab	Dr. Odula
		11:20am – 1:00pm	Dissection with group B: Posterior neck triangles – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Sub-occipital triangle – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
11:30am – 1:00pm		Histology practical: Endocrine glands of the head and neck – Group 3	Histology Lab	Dr. Olabu	
2:00pm – 6:00pm		Dissection with group B: Muscular and carotid triangles – B	Gross Anatomy Lab	All	
Friday	7:00am – 8:00am	Journal club	Histology Lab	All	



8:00am - 10:00am	Head and neck development II: Face, palate, tongue, thyroid and pituitary gland - All	MH-2	Prof. Malek
10:00am -1:00pm	Clinical anatomy of neck triangles - All	MH-2	Dr. Mandela
2:00pm - 5:00pm	Soft skills: Patient-centered communication skills	MH-2	Dr. Pulei and Panel

Study objectives:

1. State the boundaries and contents of the neck triangles and the clinical significance of each.
2. Describe the microscopic structure and secretions of the endocrine glands of the pituitary, pineal, thyroid and parathyroid glands
3. Describe the development of the facial structures, thyroid & the pituitary gland,
4. State the basis of common malformations of this region such as the first arch syndromes (Pierre-Robins & Treacher-Collins)

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 21</b> <b>29<sup>th</sup> Feb</b> <b>- 4<sup>th</sup> Mar</b>	Monday	8:00am - 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am - 12.30pm	Advanced gross anatomy	Comp lab	Dr. Mandela
		2.00pm - 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am - 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm - 5:00pm	Self-study	Library	Students

Wednesday	8:00am - 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am - 11:20am	Overview of the temporal, infratemporal & submandibular regions - B	Gross Anatomy lab	Dr. Kamau
	11:20am - 1:00pm	Dissection with group B: Root of the neck and vertebral triangle - B	Gross Anatomy Lab	All
	2:00pm - 6:00pm	Dissection with group B: Temporal and infratemporal regions - B	Gross Anatomy Lab	All
Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am - 1:00pm	Histology practical: Endocrine glands of the abdomen and pelvis - Group 3	Histology Lab	Dr. Olabu
	2:00pm - 6:00pm	Dissection with group B: Submandibular region - B	Gross Anatomy Lab	All
Friday	7:00am - 8:00am	Journal club	Histology Lab	All
	8:00am - 10:30am	Head and neck development III: The eye and the ear - All	MH-2	Prof. Malek
	11:00am - 1:00pm	Clinical anatomy of the infratemporal and submandibular regions - All	MH-2	Dr. Butt
	2:00pm - 5:00pm	Progress Assessment Test 6 - A (Shiku/Mercy)	MH-2	Dr. Mandela
	2:00pm - 5:00pm	Progress Assessment Test 6 - B (Munguti/Caroline)	Histology Lab	Dr. Mandela

Study objectives:

1. Describe the boundaries, contents and clinical relevance of the thoracic outlet, infratemporal fossa and the submandibular triangle
2. Describe the microscopic structure and secretions of the endocrine glands of the islets of Langerhans, adrenal gland, testis and ovary
3. Describe the development and congenital malformations of the eye and ear

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 22</b> 7 <sup>th</sup> – 11 <sup>th</sup> Mar	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Kamau/Butt
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of the sagittal section: Oral cavity, upper airway and larynx – B	Gross Anatomy Lab	Dr. Kamau
		11:20am – 1:00pm	Dissection with group B: Oral and Nasal cavities – B	Gross Anatomy Lab	All
	Thursday	2:00pm – 6:00pm	Dissection with group B: Pharynx and the ear – B	Gross Anatomy Lab	All
		7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
11:30am – 1:00pm		Histology practical: Oral cavity and related structures – Group 3	Histology Lab	Dr. Butt	
2:00pm – 6:00pm		Dissection with group B: Larynx and the trachea – B	Gross Anatomy Lab	All	
Friday		7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 9:30am	Review of Head and Neck embryology – All	MH-2	Prof. Ogeng'o	
	10:00am – 1:00pm	End of theme tutorials – All (Head and Neck region)	MH-2/Anat. Labs	All	
	2:00pm – 5:00pm	Clinical anatomy of the ENT – All	MH-2	Dr. Mandela	
<p>Study objectives:</p> <ol style="list-style-type: none"> <li>1. Describe the topographic, microscopic &amp; developmental anatomy of the ear, oral region and pharynx and relevant clinical aspects as highlighted in the clinical anatomy session</li> <li>2. Describe the organization of the muscles of the pharynx</li> <li>3. State the components, functions and clinical anatomy of the Waldeyer's ring</li> <li>4. Describe the extents, regions, and innervation of the larynx</li> <li>5. State the component of the laryngeal skeleton and musculature</li> </ol>					
<b>ANATOMY OF THE THORAX AND CARDIORESPIRATORY SYSTEM (WEEKS 23-24)</b>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 23</b> 14 <sup>th</sup> – 18 <sup>th</sup> Mar	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Kamau/Mandela
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students

Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am – 11:20am	Overview of the chest wall, lungs and the mediastinum – A	Gross Anatomy Lab	Dr. Kigera
	11:20am – 1:00pm	Dissection with group B: Chest wall and Anterior Mediastinum – B	Gross Anatomy Lab	All
	2:00pm – 6:00pm	Dissection with group B: Lungs & the Pleura – B	Gross Anatomy Lab	All
Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am – 1:00pm	Histology practical: Respiratory system – Group 3	Histology Lab	Dr. Ongeti
	2:00pm – 6:00pm	Dissection with group B: Lungs & the Pleura – A	Gross Anatomy Lab	All
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:00am	Development of the respiratory system – All	MH-2	Dr. Butt
	10:30am – 12:30pm	Development of the body walls and the thoracic diaphragm – All	MH-2	Prof. Gichangi
	2:00pm – 5:00pm	Clinical Anatomy of the Chest wall, lungs, pleura and mechanisms of breathing – All	MH-2	Dr. Gikenye

Study objectives:

1. Describe the surface landmarks of the thorax
2. Describe the sensory innervation of the thorax
3. Outline the components of the chest wall, pinpointing the various dermatomes
4. Name and identify the primary and secondary muscles of respiration
5. Outline the mechanisms of ventilation
6. Describe the layers, parts, recesses, innervation, blood supply and clinical relevance of the pleura
7. Describe the morphological organization of the lung, and state the differences between the right and left lung
8. Study the various impressions on the mediastinal surface of each lung
9. Describe the stages of lung development and give embryological basis of common malformations

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
--------------	-----	------	----------------	-------	----------------

<b>WEEK 24</b> <b>21<sup>st</sup> – 25<sup>th</sup> Mar</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team	
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Kigera	
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students	
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team	
		2:00pm – 5:00pm	Self-study	Library	Students	
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team	
		11:00am – 11:20am	Overview of the mediastinum and its contents – B	Gross Anatomy Lab	Dr. Olabu	
		11:20am – 1:00pm	Dissection: Middle Mediastinum: The heart, pericardium and other contents – B		Gross Anatomy Lab	All
	Thursday	2:00pm – 6:00pm	Dissection: Superior Mediastinum and Thoracic inlet – B		Gross Anatomy Lab	All
		7:30am – 11:00am	Surgical Anatomy		Comp Lab	Surgeons
11:30am – 1:00pm		Histology practical: Cardiovascular system – Group 3		Histology Lab	Dr. Kigera	
2:00pm – 6:00pm		Dissection: Posterior mediastinum and Posterior chest wall – B		Gross Anatomy Lab	All	
Friday	<b>GOOD FRIDAY</b>					
<p>Study objectives:</p> <ol style="list-style-type: none"> <li>1. Describe the divisions and contents of the mediastinum</li> <li>2. Describe the internal features of the various heart chambers</li> <li>3. Describe the coronary circulation and state its clinical relevance</li> <li>4. Describe the extents, parts, blood supply, innervation and clinical anatomy of the trachea and esophagus</li> <li>5. Describe the early stages of heart development up to chamber septation</li> <li>6. Outline the relational anatomy of the aortic arc</li> <li>7. Describe the origin, course, branches and distribution and clinical anatomy of the phrenic nerve</li> </ol>						
<b>Week &amp; Dates</b>	<b>Day</b>	<b>Time</b>	<b>Task and group</b>	<b>Venue</b>	<b>Facilitator(s)</b>	
<b>WEEK 25</b> <b>28<sup>th</sup> – 1<sup>st</sup> Apr</b>	Monday	<b>EASTER MONDAY</b>				
	Tuesday	<b>REVISION WEEK</b>				
	Wednesday					
	Thursday					
	Friday	8:00am – 10:00am	Development of the Cardiovascular system I: Heart – All	MH-2	Prof. Ogeng'o	

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 26</b> 4 <sup>th</sup> – 8 <sup>th</sup> Apr	Monday	<b>MID-SEMESTER TWO EXAMINATIONS (ESSAYS HHA 601, 502, 603, 604, 605/606)</b>			
	Tuesday				
	Wednesday				
	Thursday				
	Friday				
<b>ANATOMY OF THE ABDOMEN (WEEKS 27-30)</b>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 27</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Gikenye
<b>11<sup>th</sup> –</b>		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
<b>15<sup>th</sup> Apr</b>	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of the anterior abdominal wall and peritoneal cavity – A	Gross Anatomy Lab	Dr. Odula
		11:20am – 1:00pm	Dissection with group B: Anterior abdominal wall and inguinal canal – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Peritoneal Cavity – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Surgeons
		11:30am – 1:00pm	Histology practical: Lymphoid organs – Group 3	Histology Lab	Dr. Pulei
		2:00pm – 6:00pm	Dissection with group B: Supracolic compartment – B	Gross Anatomy Lab	All
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	Development of Cardiovascular system II: Vascular system and foetal circulation – All	MH-2	Prof. Ogeng'o
		11:00am – 1:00pm	Organization and clinical anatomy of the Anterolateral abdominal wall & groin – All	MH-2	Dr. Ndung'u
		2:00pm – 5:00pm	Organization and clinical anatomy of the peritoneal cavity, liver and spleen – All	MH-2	Dr. Kaisha
	<b>Study objectives:</b> <ol style="list-style-type: none"> <li>1. Outline the surface landmarks of the abdomen</li> <li>2. Describe the sensory innervation of the abdominal wall, and highlight on important dermatomes</li> <li>3. Describe the organization of the anterolateral abdominal wall</li> <li>4. Describe the boundaries, contents and clinical relevance of the inguinal canal in light of direct and indirect inguinal hernias</li> <li>5. Describe the formation and contents of the rectus sheath</li> <li>6. Outline the blood supply and lymphatic drainage of the anterior abdominal wall, and state its clinical relevance</li> <li>7. Describe the location, parts, relations, blood supply and lymphatic drainage of the liver, stomach and spleen</li> </ol>				

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 28</b> 18 <sup>th</sup> – 22 <sup>nd</sup> Apr	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Ndungu
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/ Vet team
		11:00am – 11:20am	Overview of the intestine and its vascular supply and the pancreas	Gross Anatomy Lab	Dr. Obimbo
		11:20am – 1:00pm	Dissection with group B: Intestines – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Blood vessels of the GIT – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Dr. Odula
		11:30am – 1:00pm	Histology practical: Digestive System I: Hollow GIT – Group 3	Histology Lab	Dr. Ndung'u
		2:00pm – 6:00pm	Dissection with group B: Duodenum and pancreas – B	Gross Anatomy Lab	All
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:00am	Development of the digestive system I: Foregut and Midgut – All	MH-2	Dr. Olabu
		10:30am – 12:30pm	Clinical and radiological anatomy of the GIT – A	MH-2	Prof. Saidi
		2:00pm – 4:00pm	Soft skills: Ethics and Behavior	MH-2	Prof. Gichangi and Panel
Study objectives: <ol style="list-style-type: none"> <li>1. Describe the location, relations, support mechanisms, blood supply &amp; lymphatic drainage of the small and large gut</li> <li>2. Describe the vascular territories of the GIT and relate this with embryonic origin</li> <li>3. Name sites of portocaval anastomoses and indicate the portal and systemic vessels involved in each</li> <li>4. Describe the structural organization of the GIT wall and highlight on the regional differences</li> <li>5. Cover various methods of imaging/radiological anatomy of the GIT</li> <li>6. Name the intrinsic glands of the GIT and state the functions of each</li> </ol>					
Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 29</b> 25 <sup>th</sup> – 29 <sup>th</sup> Apr	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Prof Saidi
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of retroperitoneum and posterior abdominal wall – A	Gross Anatomy Lab	Dr. Gikenye
		11:20am – 1:00pm	Dissection with group B: Aorta, IVC, adrenals and Urinary System – B	Gross Anatomy Lab	All



	2:00pm - 6:00pm	Dissection with group B: Posterior Abdominal Wall and Thoracic Diaphragm - B	Gross Anatomy Lab	All
Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Surgeons
	11:30am - 1:00pm	Histology practical: Digestive system II: Extrinsic glands - Group 3	Histology Lab	Dr. Kaisha
	2:00pm - 6:00pm	Open revision with group B	Gross Anatomy Lab	All

Friday	7:00am - 8:00am	Journal club	Histology Lab	All
	8:00am - 10:00am	Development of Digestive system II: Hindgut and Glands - All	MH-2	Prof. Gichangi
	10:00am - 1:00pm	End of theme tutorials - All (Abdomen) (Munguti/Shiku/Caroline/Mercy)	MH-2/Anat. Labs	All
	2:00pm - 5:00pm	Progress Assessment Test 7 - A (Munguti/Caroline)	MH-2	Dr. Obimbo
	2:00pm - 5:00pm	Progress Assessment Test 7 - B (Shiku/Mercy)	Histology Lab	Dr. Obimbo

Study objectives:

1. Outline the components of the posterior abdominal wall
2. Describe the parts, apertures, innervation and clinical anatomy of the thoracic diaphragm
3. Be familiar with location, size, coverings, relations & blood supply of the kidneys
4. Describe the topographic & developmental anatomy of extrinsic GIT glands
5. Outline the anatomical constrictions of the ureter

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
--------------	-----	------	----------------	-------	----------------

<b>WEEK 30</b> <b>2nd – 6th</b> <b>May</b>	Monday	8.00am – 1.00pm	VIVA VOCE HHA 601, 602, 603, 604, 605/606	Gross Anatomy Lab	All
	Tuesday	11:00am – 1:00pm	Preparation of term paper		
		2:00pm – 6:00pm	Preparation of term paper		
	Wednesday	11:00am – 11:20am	Preparation of term paper		
		2:00pm – 4:00pm	Preparation of term paper		
	Thursday	7:30am – 9:00am	Preparation of term paper		
		9:30am – 11:00am	Preparation of term paper		
		11:30am – 1:00pm	Preparation of term paper		
		2:00pm – 6:00pm	Preparation of term paper		
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:00am	Development of the urinary system and the suprarenal gland – All	MH-2	Prof. Malek
		10:00am – 1:00pm	Clinical anatomy of the urinary system and the retroperitoneum – All	MH-2	Dr. Obimbo
		2:00pm – 5:00pm	Self-study	MH-2	

Study objectives:

1. Describe the developmental & microscopic anatomy of the kidneys & suprarenal glands
2. Describe the microscopic organization of the kidney
3. Outline the features of the urothelium
4. Describe the structural organization of the walls of urinary passages

### ANATOMY OF THE PELVIS AND PERINEUM (WEEKS 31-32)

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 31</b> <b>9th – 13th</b> <b>May</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Gikenye
		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students
	Wednesday	8:00am – 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
		11:00am – 11:20am	Overview of the male reproductive system and perineum – B	Gross Anatomy Lab	Dr. Pulei
		11:20am – 1:00pm	Dissection with group B: Male reproductive organs & perineum and pelvic contents – B	Gross Anatomy Lab	All
		2:00pm – 6:00pm	Dissection with group B: Male reproductive organs & perineum and pelvic contents – B	Gross Anatomy Lab	All
	Thursday	7:30am – 11:00am	Surgical Anatomy	Comp Lab	Prof Gichangi
		11:30am – 1:00pm	Histology practical: Male reproductive system – Group 3	Histology Lab	Dr. Pulei
2:00pm – 6:00pm		Open revisions with group B	Gross Anatomy Lab	All	
Friday	7:00am – 8:00am	Journal club	Histology Lab	All	

8:00am - 10:00am	Development of male and female gonads and internal genitalia - All	MH-2	Prof. Malek
10:00am -1:00pm	Clinical anatomy of the urinary system and the retroperitoneum - All	MH-2	Dr. Obimbo
2:00pm - 5:00pm	Self-study		

Study objectives:

1. Describe histological organizations, location, support mechanisms (where relevant), relations, blood supply innervation & lymphatic drainage of organs/glands of the male reproduction system
2. Name the embryonic genital ducts and state the derivatives of each
3. Outline the development of the testis and ovary, and highlight on mechanisms of testicular descent
4. State common congenital anomalies of the gonads and Mullerian ducts and give the embryological basis of each

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 32</b>	Monday	8:00am – 10:00am	Advanced embryology	Comp Lab	Prof Gichangi and team
		10.30am – 12.30pm	Advanced gross anatomy	Comp lab	Dr. Obimbo
<b>16<sup>th</sup> – 20<sup>th</sup> May</b>		2.00pm – 5.00pm	Dissection of MSC cadaver	Gross lab	Students
	Tuesday	8:00am – 1:00pm	Microscopic anatomy	Histology Lab	Dr Ndungu and team
		2:00pm – 5:00pm	Self-study	Library	Students

Wednesday	8:00am - 10:00am	Research/biostatistics/stereology/scientific communication	Comp lab	Prof Gichangi/Dr Mandela/Vet team
	11:00am - 11:20am	Video review: Female pelvis and perineum - B	Gross Anatomy Lab	Dr. Pulei
	2:00pm - 6:00pm	Dissection with group B: Female perineum and pelvis - B	Gross Anatomy Lab	All
Thursday	7:30am - 11:00am	Surgical Anatomy	Comp Lab	Prof Gichangi
	11:30am - 1:00pm	Histology practical: Female reproductive system - Group 3	Histology Lab	Dr. Obimbo
	2:00pm - 6:00pm	Self-study		
Friday	7:00am - 8:00am	Journal club	Histology Lab	All
	8:00am - 10:30am	Development of the male and female external genitalia - All	MH-2	Prof. Malek
	11:00am - 1:00pm	Clinical anatomy of the female pelvic viscera & perineum	MH-2	Prof. Gichangi
	2:00pm - 5:00pm	Anatomy of the pelvic flow and neurovasculature - All	MH-2	Dr. Gikenye

Study objectives:

1. Describe the development, histological organizations, location, support mechanisms (where relevant), relations, blood supply innervation & lymphatic drainage of organs/glands of the reproduction systems.
2. Describe the development and congenital malformations of the external genitalia
3. Outline the components of the pelvic diaphragm
4. Describe the branches, distribution and anastomoses of the internal iliac artery

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 33</b> 23 <sup>rd</sup> - 27 <sup>th</sup> May	Monday		Work on term paper		
	Tuesday				
	Wednesday				
	Thursday				
	Friday				

<b>WEEKS</b> 34 - 36 30 <sup>th</sup> May - 17 <sup>th</sup> Jun	<p>Work on term paper and submission (TAGGED PRACTICALS HHA 601, 602, 603, 604, Short answer questions HHA 605/606)</p>				All
---	---	--	--	--	-----

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 37</b> <b>25<sup>th</sup> June</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		9:30am – 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		11:30am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	SELF STUDY		
		11:00am – 1:00pm	SELF STUDY		
		2:00pm – 5:00pm	SELF STUDY		
	Study objectives: 1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal				
<b>WEEK 38</b> <b>Week 1</b> <b>July</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		
	2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		
Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		



2:00pm - 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
-----------------	--	----------	--

Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	9:30am – 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	11:30am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:30am	SELF STUDY		
	11:00am – 1:00pm	SELF STUDY		
	2:00pm – 5:00pm	SELF STUDY		

Study objectives:

1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
--------------	-----	------	----------------	-------	----------------

<b>WEEK 39</b> <b>Week 2</b> <b>July</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		9:30am – 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		11:30am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	SELF STUDY		
		11:00am – 1:00pm	SELF STUDY		
		2:00pm – 5:00pm	SELF STUDY		
	Study objectives: 1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal				
<b>Week &amp; Dates</b>	<b>Day</b>	<b>Time</b>	<b>Task and group</b>	<b>Venue</b>	<b>Facilitator(s)</b>
<b>WEEK 40</b> <b>Week 3</b> <b>July</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		

		9:30am - 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		11:30am - 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm - 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Friday		7:00am - 8:00am	Journal club	Histology Lab	All
		8:00am - 10:30am	SELF STUDY		
		11:00am - 1:00pm	SELF STUDY		
		2:00pm - 5:00pm	SELF STUDY		

Study objectives:

1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal

Week & Dates	Day	Time	Task and group	Venue	Facilitator(s)
<b>WEEK 41</b>  <b>Week 4</b> <b>July</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		9:30am – 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		11:30am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
		2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	Friday	7:00am – 8:00am	Journal club	Histology Lab	All
		8:00am – 10:30am	SELF STUDY		
		11:00am – 1:00pm	SELF STUDY		
		2:00pm – 5:00pm	SELF STUDY		
	Study objectives: 1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal				
<b>WEEK 42</b>  <b>Week 1</b> <b>August</b>	Monday	2:00pm – 2:20pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Tuesday	11:00am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		
	2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		
Wednesday	11:00am – 11:20am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab		

2:00pm - 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
-----------------	--	----------	--

Thursday	7:30am – 9:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	9:30am – 11:00am	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	11:30am – 1:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
	2:00pm – 6:00pm	OPTIONAL COURSES AND SURGICAL ANATOMY AND PREPARATION OF RESEARCH QUESTION	Comp Lab	
Friday	7:00am – 8:00am	Journal club	Histology Lab	All
	8:00am – 10:30am	SELF STUDY		
	11:00am – 1:00pm	SELF STUDY		
	2:00pm – 5:00pm	SELF STUDY		

Study objectives:

1. Gain in-depth knowledge on the optional course, some clinical application of anatomy from surgical perspectives and prepare research proposal





	END OF YEAR EXAMINATION		
--	-------------------------	--	--

Thursday		END OF YEAR EXAMINATION		
		END OF YEAR EXAMINATION		
		END OF YEAR EXAMINATION		

		END OF YEAR EXAMINATION		
--	--	-------------------------	--	--

Friday		END OF YEAR EXAMINATION		
		END OF YEAR EXAMINATION		
		END OF YEAR EXAMINATION		
		END OF YEAR EXAMINATION		



