



UNIVERSITY OF NAIROBI
DEPARTMENT OF HUMAN ANATOMY
MMed/MDS PART ONE PROGRAMS: SEMESTER ONE TEACHING SCHEDULE 2015-2016

WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR/INSTRUCTOR	
2 28 th SEPT -2 nd OCT	Monday	14-18:00 HRS	INTRODUCTION TO THE DEPARTMENT	Dissection Lab	All	
	Tuesday	11-13:00 HRS	Practical: Supervise undergraduates: Digestive/genito-urinary & neuroendocrine systems	Dissection Lab	All	
		14-18:00 HRS		Dissection Lab	All	
	Thursday	9-12:00 HRS	SURGICAL HISTOLOGY: The cell: Structure & functional specialization	Comp. Lab	DR AWORI	
		14-18:00 HRS	Practical: Supervise undergraduates: Digestive/genito-urinary & neuroendocrine systems	Dissection Lab	All	
	Friday	08-10:30 HRS	Basic embryology: Cell cycle and division	MH2	DR NDUNG'U	
		11-13:00 HRS	Surgical Embryology: Cell cycle dynamics and surgery	Computer lab	DR AWORI	
		14-18:00 HRS	Self study			
	STUDY OBJECTIVES (THE CELL AS THE BASIC UNIT OF LIFE) <ul style="list-style-type: none"> • Demonstrate to undergraduates parts of the digestive/genito-urinary & neuroendocrine systems • Appreciate the structure & function of organelles and relate these to cellular function • Understand the control of cell division and relate to the process of neoplasia • Understand the signal transduction pathways (Wnt signalling pathways) and role in tissue development. 					

Prepared by..... , COURSE CORDINATOR

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
3 5 th -9 th OCT	Monday	14-18:00 HRS	OVERVIEW & Dissection: Gluteal region, back of thigh & popliteal fossa	Dissection Lab	DR OLABU & rest of staff
	Tuesday	11-13:00 HRS	Dissection: Gluteal region, back of thigh & popliteal fossa	Dissection Lab	All
		14-18:00 HRS	Dissection: Gluteal region, back of thigh & popliteal fossa	Dissection Lab	All
	Thursday	09-11:00 HRS	SURGICAL HISTOLOGY: The Skin	Histology Lab	DR AWORI
		14-18:00 HRS	Dissection: Gluteal region, back of thigh & popliteal fossa	Dissection Lab	All
	Friday	08-10:00 HRS	Week 1 & 2 of embryonic development	MH2	DR OBIMBO
		10-13:00 HRS	SURGICAL ANATOMY: Hip & Thigh	Comp Lab	DR KAMAU P.N.
		14-18:00 HRS	Progress assessment (MCQ): The cell	Comp Lab	DR AWORI
	<p>STUDY OBJECTIVES (GLTEAL REGION & HIP/SURGICAL HISTOLOGY & EARLY DEVELOPMENT)</p> <ul style="list-style-type: none"> • Appreciate the gluteal structures & relate their positions to the posterior surgical access to the hip • Discuss the stability and dynamics of the hip joint; get a surgical preamble to anterior relations of the hip and access to it therefrom. • Discuss the structure of the skin including its functions and mechanisms of repair and grafting. • Appreciate early embryonic development to surgical conditions such as conjoined twins 				

Prepared by.....

DR. K.O. AWORI, COURSE COORDINATOR

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PROF. H.S. SAIDI, CHAIRMAN

WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
4 12 th -16 th OCT	Monday	14-18:00 HRS	Overview & dissection: The anteromedial thigh and hip joint	Dissection Lab	DR ONGETI & All
	Tuesday	11-13:00 HRS	Dissection: The anteromedial thigh and hip joint	Dissection Lab	All
		14-18:00 HRS	Dissection: The anteromedial thigh and hip joint	Dissection Lab	All
	Thursday	09-12:00 HRS	SURGICAL HISTOLOGY: Fibrous connective & adipose tissue	Comp. Lab	DR AWORI
		14-18:00 HRS	Dissection: The anteromedial thigh and hip joint	Dissection Lab	All
	Friday	08-09:30 HRS	Lecture: Gastrulation	MH2	Prof OGENG'O
		10-11:00 HRS	Surgical anatomy lecture: The knee & leg	Comp. lab	DR SITATI
		11:30-13:00 HRS	Basic anatomy review series: Hip & anteromedial thigh	MH2	DR KIGERA
		14-18:00 HRS	SELF STUDY		
	<p>STUDY OBJECTIVES</p> <ul style="list-style-type: none"> • Review the topographic anatomy of the hip and anteromedial thigh • Understand the surgical anatomical aspects of the knee and leg relevant to structures such as the ligaments, menisci and be clear on surgical access to the tibia & fibula; and science of compartment syndrome. • Discuss the science of connective tissue as relates to structural adaptations and function of components, wound healing and disorders. • Appreciate the process of gastrulation and its disorders of surgical importance. 				

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR	
5 19 th -23 th OCT	Monday	14-18:00 HRS	Overview & dissection: Knee joint, leg & dorsum of the foot	Dissection lab	DR OBIMBO & All	
	Tuesday	11-13:00 HRS	Dissection: Knee joint, leg & dorsum of the foot	Dissection lab	All	
		14-18:00 HRS	Dissection: Knee joint, leg & dorsum of the foot	Dissection lab	All	
	Thursday	11:30-1300 HRS	HISTOLOGY PRACTICAL: Lining epithelia (Join undergraduates group 2/3)	Histology lab.	DR MANDELA/BUTT	
		14-18:00 HRS	Dissection: Knee joint, leg & dorsum of the foot	Dissection lab	All	
	Friday	08:00-10:30 HRS	Lecture: Foetal membranes I: Amnion, yolk sac & allantois	MH2	DR PULEI	
		11:00-12:30 HRS	Basic anatomy overview: Knee & leg compartments	MH2	DR ODULA	
		14-18:00 HRS	SELF STUDY/OVERVIEW OF LOWER LMBS (MDS)	Computer lab	DR ONGETI	
	STUDY OBJECTIVES <ul style="list-style-type: none"> • Appreciate the organization of the knee joint and the leg • State the stability of the knee joint and mechanism of locking & unlocking • Appreciate the contents of the leg compartments • State the organization & characteristics of lining epithelia and discuss the mechanisms of repair of epithelia. • Discuss the disorders of amnion, yolk sac & allantois of surgical interest. 					

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR	
6 26 th -30 th OCT	Monday	14-18:00 HRS	Dissection: Peroneal and Flexor Compartments of the leg	Dissection lab	ALL	
	Tuesday	11-13:00 HRS	Overview of foot & ankle anatomy/dissection of ankle joint & tarsal tunnel	Dissection lab	DR GIKENYE & ALL	
		14-18:00 HRS	Dissection: Plantar aspect of the foot	Dissection lab	ALL	
	Thursday	08:00-11.00 HRS	Surgical anatomy: Foot & ankle	Computer. Lab	DR OBURU E.	
		14-18:00 HRS	Dissection: Plantar aspect of the foot	Dissection lab	ALL	
	Friday	08:00-10:00 HRS	Foetal membranes II: Chorion and the Placenta; Multiple gestation and their mechanisms	MH2	DR PULEI	
		10:00-13:00 HRS	TUTORIALS: LOWER LIMB ANATOMY	MH2/Labs	All	
		14-16:00 HRS	SURGICAL HISTOLOGY: BONE & CARTILAGE	Histology lab	DR AWORI	
	<p>STUDY OBJECTIVES</p> <ul style="list-style-type: none"> • Describe the topographic anatomy of the foot and ankle including ankle stability, foot arches and relate these to bipedal locomotion and the gait cycle. • State the pathanatomy of common foot disorders • Describe the structural adaptations of bone and cartilage to functions. • Understand the mechanisms of cartilage damage & repair • Understand the concepts behind bone transport • Familiarise yourself with abnormal placentation and concepts of surgical relevance about multiple gestation 					

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
7 2 nd -6 th NOV	Monday	14-18:00 HRS	Overview: Back, pectoral region, axilla & brachial plexus Dissection: The back	Dissection lab	DR KAISHA and All
	Tuesday	11-13:00 HRS	Dissection: Pectoral region and mammary gland	Dissection lab	ALL
		14-18:00 HRS	Dissection: The axilla & brachial plexus	Dissection lab	ALL
	Thursday	08-10:00 HRS	SURGICAL ANATOMY: Breast & Axilla	Computer lab	DR KAISHA
		10:30-12.30 HRS	PROGRESS ASSESSMENT 2	Histology lab	DR AWORI
		14-18:00 HRS	Dissection: The axilla & brachial plexus		ALL
	Friday	08:00-10:30 HRS	Principles of teratology	MH2	PROF OGENG'O
		11:00-13:00 HRS	Basic anatomy series: Back & axilla	MH2	DR AWORI
		14-17:00 HRS	Basic anatomy series: Pectoral region & breast	MH2	PROF SAIDI
	<p>STUDY OBJECTIVES</p> <ul style="list-style-type: none"> • Understand the topographic anatomy of the back, pectoral region, breast & axilla. • Describe the formation and distribution of the brachial plexus. • Review surgical concepts on breast blood supply and lymphatic drainage • State the factors that determine severity of brachial plexopathies • Discuss teratogens caused by surgical-related exposure (e.g. radiation) and disorders of surgical interest resulting from various teratogens. 				

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
8 9 th -13 th NOV	Monday	14-18:00 HRS	Overview: Shoulder joint complex, arm and cubital fossa Dissection: Shoulder, Acromioclavicular and sternoclavicular joints	Dissection lab	DR OBIMBO & ALL
	Tuesday	11-13:00 HRS	Dissection: Arm & cubital fossa	Dissection lab	ALL
		14-18:00 HRS	Dissection: Extensor compartment of the forearm	Dissection lab	ALL
	Thursday	11:30-13:00HRS	SURGICAL ANATOMY: Shoulder joint/ACJ/SCJ & arm	Histology lab	DR GIKENYE
		14-18:00 HRS	Dissection: Extensor compartment of the forearm	Dissection lab	ALL
	Friday	08-10:30 HRS	Development of fibrous connective tissue	MH2	PROF GICHANGI
		10:30-12:30 HRS	Basic anatomy overview: shoulder & elbow joints	MH2	DR KIGERA
		14-18:00 HRS	SELF STUDY		
<p>STUDY OBJECTIVES</p> <ul style="list-style-type: none"> • Describe the topography of the glenohumeral, acromioclavicular & sternoclavicular joints • Describe the organisation of the arm & forearm and familiarise yourself with surgical access to the upper limb joints and bones • State the embryological basis of various collagen & elastic fibre disorders 					

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
9 16 th -20 th NOV	Monday	14-18:00 HRS	Overview: Forearm, elbow, wrist and hand Dissection: Flexor compartment of the forearm	Dissection lab	DR GIKENYE & ALL
	Tuesday	11-13:00 HRS	Dissection: Elbow, wrist and radio-ulnar joints	Dissection lab	ALL
		14-18:00 HRS	Dissection: The Hand	Dissection lab	ALL
	Thursday	09-11:00 HRS	SURGICAL ANATOMY: Muscle	Computer lab	DR AWORI
		14-18:00 HRS	Dissection: The Hand	Dissection lab	ALL
	Friday	08-10:00 HRS	Development of muscles & limbs	MH2	DR AWORI
		10-13:00 HRS	TUTORIALS (Upper limb)	MH2/Anat labs	ALL
		14-18:00 HRS	SELF STUDY/REVIEW MDS (Upper limb)	Computer labs	DR GIKENYE
STUDY OBJECTIVES <ul style="list-style-type: none"> Describe the topography of the forearm and hand State the anatomical basis of common disorders of the hand of surgical interest e.g. carpal tunnel syndrome, pulp space abscess Describe patterns of blood supply to skeletal muscle and relevance to flap surgery, histological organization of types of propulsion tissue and mechanisms of repair, 					

WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
10 23 rd -27 th NOV	Monday		MID-SEMESTER I CONTINUOUS ASSESSMENT		
	Tuesday				
	Thursday				
	Friday				
STUDY OBJECTIVES: <ul style="list-style-type: none"> To pass the assessment 					

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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
11 23 th NOV- 4 th DEC	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
		14-18:00 HRS			
	Thursday				
		14-18:00 HRS			
	Friday				
		14-18:00 HRS			
STUDY OBJECTIVES					

WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
13 30 th MAR- 3 rd APR	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
		14-18:00 HRS			
	Thursday				
		14-18:00 HRS			
	Friday				
		14-18:00 HRS			
STUDY OBJECTIVES					

WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
27	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
6 th -10 th APR	Thursday				
		14-18:00 HRS			

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	Friday				
		14-18:00 HRS			
STUDY OBJECTIVES					

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28 13 th -17 th APR	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
		14-18:00 HRS			
	Thursday				
		14-18:00 HRS			
	Friday				
			14-18:00 HRS		
STUDY OBJECTIVES					

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29 20 th -24 th APR	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
		14-18:00 HRS			
	Thursday				
		14-18:00 HRS			
	Friday				
			14-18:00 HRS		

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	STUDY OBJECTIVES
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WEEK/Date	DAY OF THE WEEK	TIME OF ACTIVITY	ACTIVITY	VENUE	SUPERVISOR
30 27 th - 30 th APRIL	Monday	14-18:00 HRS			
	Tuesday	11-13:00 HRS			
		14-18:00 HRS			
	Thursday				
		14-18:00 HRS			
	Friday				
		14-18:00 HRS			
STUDY OBJECTIVES					

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