

## ACADEMIC YEAR 2008/2009, Autumn Term

### ANATOMY CURRICULUM

#### 1st Semester

WEEK Date	LECTURES	ANATOMY PRACTICALS	SEMINARS
1 <sup>st</sup> Sep 1 – 5	Introduction, the history of anatomy. General osteology.	Guide to cadaver dissection; Bones of the shoulder girdle and the upper limb. (1 <sup>st</sup> September: Holiday)	Parts of the skeleton; main planes and directions
2 <sup>nd</sup> Sep 8 - 12	General syndesmology. General myology.	Dissection of the joints of the upper limb.	The joints of the upper limb.
3 <sup>rd</sup> Sep 15 - 19	Anatomy and function of the shoulder muscles. General angiology.	<b>Practical assessment: bones and joints of the UL</b> Dissection of the muscles of the upper limb.	Muscles of the upper limb.
4 <sup>th</sup> Sep 22 - 26	Angiology, continued: the large arteries and veins of the body (methods of clinical examination). General neurology: main parts of the central and peripheral nervous systems.	Dissection of regions of the upper limb I.	Branches of the axillary artery; arteries and veins of the upper limb.
5 <sup>th</sup> Sep 29 - Oct 3	Anatomy of the peripheral nervous plexuses; the brachial plexus. Clinical anatomy of the upper limb: radiographic anatomy, injuries to the brachial plexus.	Dissection of regions of the upper limb II.	Nerves of the upper limb: innervation of the muscles and the skin.
6 <sup>th</sup> Oct 6 – 10	Structure of the pelvis. Clinical anatomy of the pelvis and the hip joint.	Dissection of regions of the upper limb III	Regions of the upper limb
7 <sup>th</sup> Oct 13 – 17	Cytology and histology: the cell membrane – ultrastructure and molecular biology. The ultrastructure of intercellular junctions and cell surface specializations.	<b>Practical assessment (cadaver demonstration): the upper limb.</b>	<u>Seminar:</u> The bones of the lower limb. <b><u>Written assessment:</u></b> <b>general osteology, syndesmology, myology, angiology and neurology. The anatomy of the upper limb.</b>
8 <sup>th</sup> Oct 20 – 24	The endoplasmic reticulum and the Golgi apparatus. Lysosomes, exocytosis, phagocytosis and endocytosis.	The bones of the pelvis and the lower limb. (23-24th October: Holiday)	The joints of the lower limb.

9 <sup>th</sup> Oct 27 - 31	AUTUMN HOLIDAY		
10 <sup>th</sup> Nov 3 – 7	Mitochondria and the cell nucleus. The cytoskeleton. Centriole, cilia and flagella. The intracellular transport. Cell movement and contraction.	The bones of the pelvis and the lower limb. Dissection of the joints of the lower limb.	The muscles of the lower limb.
11 <sup>th</sup> Nov 10 – 14	Epithelial tissues	<b>Practical assessment: bones and joints of the LL</b> Dissection of the muscles of the lower limb.	Arteries and veins of the lower limb.
12 <sup>th</sup> Nov 17 – 21	Connective tissues: cell types and fibers. Types of the connective tissues.	Dissection of the lower limb I.	Nerves of the lower limb: innervation of the muscles and the skin.
13 <sup>th</sup> Nov 24 – 28	Bone and cartilage	Dissection of the lower limb II.	Regional anatomy of the lower limb I.
14 <sup>th</sup> Dec 1 – 5	Muscle tissues	Dissection of the lower limb III	<u>Seminar</u> : Regional anatomy of the lower limb II. <b>Written assessment: the anatomy of the lower limb.</b>
15 <sup>th</sup> Dec 8 - 12	Nervous tissue	<b>Practical assessment (cadaver demonstration): the lower limb.</b>	<u>Histology seminar</u> : the methods of tissue preparation, sectioning and staining.