

كلية الطب - جامعة الموصل

Neuroanatomy for MSc تشريح الجملة العصبية-الماجستير

Course Description

What you should write here? A course description that provides a brief summary of the most important characteristics of the course and lists the learning outcomes expected from the student to achieve when he has made maximum use of the available learning opportunities.

Educational Institution/ college	University of Mosul/collage of medicine	
The department offering the course	Anatomy	
Name of Academic Program	M.Sc.	
Academic Year/Level	1 st year (theoretical year)	
Title of the course	Neuroanatomy	
Code	McAnMScN	
Total Course Hours	Practical hours=٣٠	Total=٦٠
	Theoretical hours=٣٠	
Details of any educational expert and /or IEE of the course	Name	Basim idrees dhannoon
	Email	basim.idrees @alnoor.edu.iq
	Affiliation	Alnoor university
Date of specification approval	١/٩/٢٠٢٣	

General Aims of Course

The overall aim of the course is to provide the students with the basic anatomical knowledge of the normal structure of the human body at the level of the head, neck, brain, spinal cord, abdomen and pelvis and to integrate these anatomical facts with more advanced knowledge of clinical sciences

Intended learning outcomes (ILOs) of the course:

By the end of the course, students should be able to:

**Methods of assessment
of each outcome type****A. Knowledge and
understanding:**

A¹.Describe the principal distinguishing features of bones of the skull.
A².Describe the meninges.
A³.Describe the venous sinuses.
A⁴.List the parts of brain and spinal cord.
A⁵.List the parts and structure of cerebellum.
A⁶.Define the ventricles of the brain.
A⁷.Describe the midbrain.
A⁸.Describe the components of the cerebrum and diencephalon.
A⁹.Describe the basal ganglia.
A¹⁰.Describe the white matter of brain.
A¹¹.Understand the functional localization areas of brain.
A¹².Describe the parts and structure of spinal cord.
A¹³.List the blood supply of brain and spinal cord.
A¹⁴.Describe the circulation of CSF.
A¹⁵.List the autonomic nervous system.

B. Professional Skills

B¹.Locate the cranial nerves and evaluate their functions.
B².Locate the level of lumbar puncture.
B³.Elicit the normal anatomical structures on X-rays

C. intellectual skills

C¹.Integrate the anatomical facts with the basic clinical knowledge required for proper examination of a patient in order to reach a proper diagnosis
C².Relate the surface markings of different structures and determine the position or course of internal structures
C³.Correlate the anatomical knowledge with clinical signs seen in cases of injuries of head.

D. General and

D¹.read and appraise scientific papers related

Transferable Skills	to anatomy D ¹ .present scientific facts in a well-organized matter D ² .use advanced technology to search for facts and prepare presentations D ³ .work as an effective team member	
E. Attitude outcomes	E ¹ -The student will be alert because they learn how to pay attention. E ² -they will respond actively and share in the discussion with lecturer and with each other. E ³ - valuing of the behaviors, ideas, personality, and ways of dealing. E ⁴ - resolving problems between them according to these ethical values. E ⁵ - the values become fixed in their minds thus controlling their behaviors.	

Course structure

Topic	No. Of lectures	No. Of practical sessions	Lecturers responsible to deliver the course
Meninges	2	2	Dr. Mayson
Brain and its parts	18	18	Dr. Mayson
Spinal cord	10	10	Dr. Mayson

Teaching and learning methods

1. Theoretical lectures	2 lectures / week
2. Practical labs or clinical sessions	small group teaching Plastinated cadavers, skeletons, bone and organ specimens will be available for students X-ray imaging films will be available to learn different bony landmarks
3. Seminars and	Each student is required to present 2 seminar on specific

presentations	subject
ξ. Others/example e-learning	Google classroom

Assessment methods (mark%):		Feedback method (for each assessment method)
Formative assessments	١. formative quiz during lectures ٢. discussion panels during assessment lab ٣. completing Logbook	
Summative assessments	١. midcourse exam: ٣٠٪ (١٠ practical, ٢٠ theoretical) ٢. final course exam: ٧٠٪ (٢٠ practical, ٥٠ theoretical).	
Pass mark	٦٠٪	

Resources and requirements	
Essential textbooks	١. Cunningham`s Manual of Practical Anatomy, (theoretical and practical, vol. ٣) ٢. Grant Atlas of Anatomy. ٣. Snell`s Clinical Neuroanatomy
Recommended books and references (scientific journals, reports,)	١. Gray`s Anatomy ٢. Atlas of Human Anatomy by FH Netter.
Other resources, Electronic References, Websites	Will be included in the lectures accordingly

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Stamp

