

Course Description Template

University Name: ...Warith Al-Anbiyaa.....

Faculty/Institute: medical college.....

Scientific Department: general surgery.....

Academic or Professional Program Name: Neurosurgery.....

Final Certificate Name:

Academic System:

Description Preparation Date: 2025-2026

File Completion Date: 2025-2026

Signature:

Head of Branch:

Date:

Signature:

Vice Dean for Scientific

Affairs: Dr. Laith M Abba

Date: 27.8.2025

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance

Department: prof. Dr. Ali Al Mousawi

Date: 27.8.2025

Signature:

Dean's approval

Ministry of Higher Education and Scientific Research



Academic Program and Course Description Guide

2025-2026

Course Description Form

1. Course Name: neurosurgery	
2. Course Code:	
3. Semester / Year: year 2025-2026	
4. Description Preparation Date: 2025-2026	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
8 hours theory & 30 hours clinical	
7. Course administrator's name (mention all, if more than one name)	
Name: Hameed H. Hameed	
Email: hameed.husham@uowa.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> Equip students with foundational and clinical knowledge of neurosurgical disorders. Develop understanding of neuroanatomy, neurophysiology, and surgical interventions. Train students to recognize, diagnose, and manage common neurosurgical conditions. Introduce students to operative techniques and emergent neurosurgical care.....
9. Teaching and Learning Strategies	
Strategy	<p>Interactive lectures and tutorials</p> <ul style="list-style-type: none"> Skill labs with hands-on practice. Group discussions and clinical case presentations. Use of neuroimaging and surgical videos. Seminars led by students on selected topics.

10. Course Structure

Plastic and reconstructive surgery				
week	Subjects	Topic/objectives	Duration	Lecturer
1	Introduction to neurosurgery	<ul style="list-style-type: none"> • Neuroanatomy and neurophysiology • Proper neurosurgical examination. • Investigation and imaging in neurosurgery. • Common day procedure in neurosurgery 	1 hr.	DR Hameed Husham
2	Traumatic Brain Injury (1)	<ul style="list-style-type: none"> • Definition of traumatic Brain injury. • How to manage head injury patient. 	1 hr.	DR Hameed Husham
3	Traumatic Brain Injury (2)	<ul style="list-style-type: none"> • Identify types of Traumatic brain injury. • Using deferent imaging technique in diagnosing TBI • Managing TBI. 	1 hr.	DR Hameed Husham
4	Spinal trauma	<ul style="list-style-type: none"> • Anatomy and biodynamics of spine. • Types and mechanisms of spinal fracture. • Spinal cord injury. 	1 hr.	DR Hameed Husham
5	Spinal disorders	<ul style="list-style-type: none"> • Types of disorders than involve spinal column and cord. • Deferent SOL and their management. 	1 hr.	DR Hameed Husham
6	Developmental CNS Disorder	<ul style="list-style-type: none"> • Congenital disorder types diagnosis and prevention. • Spinal dysraphism. • Craniosynostosis. 	1 hr.	DR Hameed Husham
7	Intracranial pressure and CSF Disorders	<ul style="list-style-type: none"> • CSF circulation. • Intracranial hypertension management. • IIH. 	1hr.	DR Hameed Husham
8	CNS Space occupying lesions	<ul style="list-style-type: none"> • Classification of cranial SOL. • Management of SOL. • vasculopathies 	1hr.	DR Hameed Husham

Clinical Training

Student will take first multiple photos and videos for clinical cases related to the cases that can visit neurosurgery clinic and ER and Ward. Then the students will meet these cases in the outpatient clinic:

Taking history.

Physical examination.

Taking a role in deciding the suitable investigations or radiological study before surgical intervention.
Then revision & simple OSCE + oral assessment

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	O'Connell, P.R., McCaskie, A.W. and Sayers, R.D., 2023. <i>Bailey & Love's short practice of surgery</i> . CRC Press. -Gossage, J.A., Bultitude, M.F. and Corbett, S.A. eds., 2021. <i>Browse's Introduction to the Symptoms & Signs of Surgical Disease</i> . CRC Press.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Greenberg, M. (2020) Handbook of Neurosurgery.
Electronic References, Webs	http://www.AANS.org