

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department**



Academic Program and Course Description Guide

2024

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: Baghdad

Faculty/Institute: AL-Kindy College of Medicine

Scientific Department: Department of Anatomy Embryology and Histology

Academic or Professional Program Name: Anatomy

Final Certificate Name: Bachelor of medicine, Bachelor of surgery

Academic System: Semester

Description Preparation Date: 2.4.2024

File Completion Date: 2.4.2024

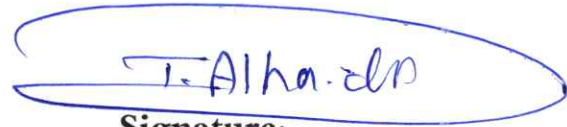
Signature:

Head of Department Name:

Dr Laith Thamer Al-Ameri

Date:


لايث ثامر خريزل
أستاذ جراحة العظام العصبية



Signature:

Scientific Associate Name:

Professor Taghreed Alhaydari

Date:

The file is checked by: Dr. Aseel Sameer Mohamed

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 23/4/2024

Signature: 


Approval of the Dean

The Dean
Prof. Dr.
Mohammed Shihab Al-Edanni

1. Program Vision

To fulfill the goal of graduating excellent, safe, competent, and professional doctors at both the undergraduate and postgraduate levels who are dependable in providing health care services and leadership

2. Program Mission

To fulfill the goal of graduating excellent, safe, competent, and professional doctors at both the undergraduate and postgraduate levels who are dependable in providing health care services and leadership.

3. Program Objectives

- 1- Introduce anatomy regarding terms, planes, and directions
- 2- Discuss types of bones and joints with full description to their movements and functions
- 3- Understand the basic concepts of cells and tissues
- 4- Describe gross anatomical and histological features of all organs with their anatomical relations
- 5- Discuss organs functions from anatomical point of view
- 6- Discuss the general embryology from pre-fertilization to end of embryonic period
- 7- Describe specialized embryologic development for each of body systems
- 8- Correlate anatomic and embryologic knowledge clinically

4. Program Accreditation

Yes, WFME

5. Other external influences

Ministry of higher education

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	12	237 Theory Hours, 138 Practical hours		Basic
College Requirements	12	237 Theory Hours, 138 Practical hours		Basic
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First Level/ first year	ANA 101	Anatomy	20	20

2ndLevel/ first year	HSD 111	Human structure and development (Anat, Histo, Emb)	60	30
First Level/ second year	HLS204	Haemopoitic and lymphatic Module (Anat, Histo, Emb)	7	4
First Level/ second year	MSK 205	Musculoskeletal system (Anat, Histo, Emb)	8	6
First Level/ second year	CVS 210	Cardiovascular System Module (Anat, Histo, Emb)	12	10
2nd Level/ second year	RSP 211	Respiratory System Module (Anat, Histo, Emb)	12	8
2nd Level/ second year	ENS 302	Endocrine system (Anat, Histo, Emb)	15	2
First Level/ third year	NCS 301	Neurosciences system (Anat, Histo, Emb)	21	12
First Level/ third year	REP 308	Reproductive system (Anat, Histo, Emb)	15	15
First Level/ third year	INS 303	Integumentary System (Anat, Histo, Emb)	5	0
2nd Level/ third year	REN 307	Urinary system (Anat, Histo, Emb)	8	8
2nd Level/ third year	GIT 212	Digestive & HB system (Anat, Histo, Emb)	13	12

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Ability to recognize different macroscopical and microscopical anatomical parts of the entire body
Skills	
Learning Outcomes 2	Ability to integrate anatomical knowledge with main clinical conditions
Learning Outcomes 3	Ability to correlate embryological knowledge with selected congenital conditions

Ethics	
Learning Outcomes 4	To equip themselves for teamwork
Learning Outcomes 5	Develop communication skills and etiquette with sense of responsibility

9. Teaching and Learning Strategies

- Lectures
- Small group discussion
- Practical
- Tutorial and discussions
- Short teaching videos interpretation
- Skill labs.

10. Evaluation methods

- 1- Written examination
- 2- practical assessment
- 3- daily activities
- 4- oral exam
- 5-final year examination

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
		√		6	

Professional Development**Mentoring new faculty members**

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

Candidate from central admission to the Ministry of Higher Education

13. The most important sources of information about the program

1- Department of Anatomy

2-Al-kindy Medical College

3-Ministry of Higher Education and Scientific Research.

14. Program Development Plan

Program Skills Outline

			Required program Learning outcomes															
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics						
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4			
First/S1	ANA 101	Anatomy	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
First /S2	HSD 111	Human structure and development (Anat, Histo, Emb)	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Second/S1	HLS204	Haemopoietic and lymphatic Module (Anat, Histo, Emb)	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	MSK 205	Musculoskeletal system (Anat, Histo, Emb)	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Second/S2	CVS 210	Cardiovascular System Module (Anat, Histo, Emb)	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	RSP 211	Respiratory System Module (Anat, Histo, Emb)	Basic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Course Description Form

1. Course Name:	
1. Anatomy 2. Human structure and development	
2. Course Code:	
1. ANA 101 2. HSD 111	
3. Semester / Year:	
First/S1 First /S2	
4. Description Preparation Date:	
2.4.2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
50 hours lectures. 40 hours discussions, 60 hours practical. Total credit 8	
7. Course administrator's name (mention all, if more than one name)	
1. Anatomy Name: Dr. Mohammed Emad Ghanem / Dr. Hawraa Shafeeq Atia 2. Human structure and development Name: Dr. Saad Ali Rasheed / Basma Maki Kadhem	
8. Course Objectives	
Course Objectives	Teach the students the basic principles of anatomy. Teach the students the basic principles of Histology. Teach the students the basic principles of Developmental anatomy. To provide students with information regarding applying their knowledge to clinical conditions
9. Teaching and Learning Strategies	
Strategy	1- Lectures. 2- Small group teaching 3- Discussions 4- Practical labs 5- Self-directed learning
10. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
28	150	Knowledge, skills and values	Anatomy, embryology, histology	1-Lectures. 2-Small group teaching 3-Discussions 4-Practical lab 5-Self-directed learning	1- Written examinations 2- practical assessment 3- homework's 4- reports

11. Course Evaluation

Continuous assessment through daily activities, exams and attitude 15 marks, end module exam 15 marks, OSPE 20 marks, final written exam MCQ 50 marks.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any) Main references (sources)	1- Snell's Clinical Anatomy by Regions, 10 th edition 2- Grant's Atlas of Anatomy 3- Snell's Clinical Neuroanatomy, 8 th edition 4- Langman's Medical Embryology 14 th edition 5- Junqueira's Basic Histology Text & Atlas, 14th edition
Recommended books and references (scientific journals, reports...)	Suggested Journals Al Kindy Medical Journal
Electronic References, Websites	Any trusted sites

1. Course Name:	
1. Hematopoietic and lymphatic module 2. Musculoskeletal system module 3. Cardiovascular system module 4. Respiratory system module 5. Endocrine system module	
2. Course Code:	
1. HLS204 2. MSK 205 3. CVS 210 4. RSP 211 5. ENS 302	
6. Semester / Year:	
Second/S1 Second/S2	
7. Description Preparation Date:	
2.4.2024	
8. Available Attendance Forms:	
9. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours lectures. 34 hours discussions, 32 hours practical. Total credit 6	
10. Course administrator's name (mention all, if more than one name)	
Hematopoietic and lymphatic module/Dr. Esraa Mohammed Abd Al-Khaleq /Dr. Shatha Zuhair Musculoskeletal system module/Dr. Estabraq Mahmood Mahdi/ Dr. Safa Salman Mazban Cardiovascular system module/Dr. Saad Badai Nashter/ Dr. Saba Jasem Hamdan Respiratory system module/ Dr. Raghad Emad AL-deen Naji/ Dr. Mohammed Natiq Abbas Endocrine system module/ Dr. Mohammed Natiq Abbas/ Dr. Saba Thaer Abd Al-Kareem	
11. Course Objectives	
Course Objectives	Teach the students the basic principles of anatomy. Teach the students the basic principles of Histology. Teach the students the basic principles of Developmental anatomy. To provide students with information regarding applying their knowledge to clinical conditions
12. Teaching and Learning Strategies	
Strategy	1. Lectures. 2. Small group teaching 3. Discussions 4. Practical labs

5. Self-directed learning

13. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
28	111	Knowledge, skills and values	Anatomy, embryology, histology	1-Lectures. 2-Small group teaching 3-Discussions 4-Practical labs 5-Self-directed learning	1. Written examinations 2. practical assessment 3. homework's 4. reports

14. Course Evaluation

Continuous assessment through daily activities, exams and attitude 15 marks, end module exam 15 marks, OSPE 20 marks, final written exam MCQ 50 marks.

15. Learning and Teaching Resources

Required textbooks (curricular books, if any) Main references (sources)	<ol style="list-style-type: none"> 1. Snell's Clinical Anatomy by Regions, 10th edition 2. Grant's Atlas of Anatomy 3. Snell's Clinical Neuroanatomy, 8th edition 4. Langman's Medical Embryology 14th edition 5. Junqueira's Basic Histology Text & Atlas, 14th edition
Recommended books and references (scientific journals, reports...)	Suggested Journals Al Kindy Medical Journal
Electronic References, Websites	Any trusted sites

1. Course Name:	
1. Neurology system module 2. Reproductive system module 3. Integumentary module 4. Digestive and HB System module 5. Urinary system module	
2. Course Code:	
NCS 301 REP 308 INS 303 GIT 212 REN 307	
3. Semester / Year:	
Third /S1 Third /S2	
4. Description Preparation Date:	
2.4.2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
70 hours lectures. 38 hours discussions, 38 hours practical. Total credit 6.1	
7. Course administrator's name (mention all, if more than one name)	
Neurology system module/Dr. Marwa Ali Mohammed/ Saad Hassan Qassem Reproductive system module/Dr. Batool Mutar Mahdi/ Basma Maki Kedhem Integumentary module/Dr. Mohammed Abd Al-Hussein Lafta/ Bushra Yassin Tawfeeq Digestive and HB System module/Dr. Haider Hashim Abd Al-Razaq/ Suhad Taha Mohammed Urinary system module/ Dr. Shatha Salah Saad/ Raghad Qassem Mohammed	
8. Course Objectives	
Course Objectives	Teach the students the basic principles of anatomy. Teach the students the basic principles of Histology. Teach the students the basic principles of Developmental anatomy. To provide students with information regarding applying their knowledge to clinical conditions
9. Teaching and Learning Strategies	
Strategy	1. Lectures. 2. Small group teaching 3. Discussions 4. Practical labs 5. Self-directed learning
10. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
28	146	Knowledge, skills and values		1-Lectures. 2-Small group teaching 3-Discussions 4-Practical labs 5-Self-directed learning	1. Written examinations 2. practical assessment 3. homework's 4. reports
11. Course Evaluation					
Continuous assessment through daily activities, exams and attitude 15 marks, end module exam 15 marks, OSPE 20 marks, final written exam MCQ 50 marks.					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any) Main references (sources)				<ol style="list-style-type: none"> 1. Snell's Clinical Anatomy by Region 10th edition 2. Grant's Atlas of Anatomy 3. Snell's Clinical Neuroanatomy, 8th edition 4. Langman's Medical Embryology 14th edition 5. Junqueira's Basic Histology Text & Atlas, 14th edition 	
Recommended books and references (scientific journals, reports...)				Suggested Journals Al Kindy Medical Journal	
Electronic References, Websites				Any trusted sites	