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.
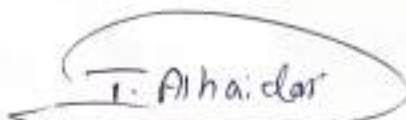
Academic Program Description Form

University Name: University of Baghdad

Faculty/Institute: Al –Kindy College of Medicine

Scientific Department:

Academic or Professional Program Name:

Final Certificate Name: MBChB

Academic System: Semesters

Description Preparation Date:

File Completion Date:

Signature: _T. Alhaidar_

Signature:

Head of Department Name: Scientific Associate Name:

Date: _Taghreed Al Haidari_

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance

Department:Dr.Aseel Sameer Mohamed

Date: 21/7/2024

Signature: Asel

Approval of the Dean

Mohammed Shihab Aledanni

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1. Program Vision

Our vision is to prepare the students of medicine to their future clinical life by providing them with the essential basic knowledge from the disciplines included in this module.

2. Program Mission

a) To provide students of medicine with knowledge about obstetrics.
b) The above-mentioned mission will be achieved through integrated lectures, practical labs, seminars and tutorials.
c) Enable the students, through the integrated teaching, to comprehend the relation between structure, function, and abnormal structure in obstetrics.
d) In addition, at the end of this module, student shall be able to integrate the causes of disease to correlate clinical manifestations of diseases in obstetrics. The student shall understand diseases of national importance in relation to the clinical, therapeutic and medico legal aspects.

3. Program Objectives

A-Knowledge:

At the end of the module, the student will be able to:

1. Understand the preconception, antenatal, intra-natal and postnatal factors that affect the mother and
fetus, have a basic knowledge of the principles in practice of obstetrics, including antenatal, intrapartum
and postnatal care.
2. Recognize the changes and adaptations that occur in the mother during pregnancy, labor and puerperium.
3. Identify abnormal position and presentation of fetus with principle of their management.
4. Recognize inter-relationship between general diseases and pregnancy.
5. Interpret normal pregnancy, labor, puerperium and principle of care of the patient during these periods of time.
6. Evaluate common obstetrical emergencies requiring urgent intervention and able to initiate proper
treatment with appropriate first aids measures.
7. Interpret the methods of monitoring the fetal wellbeing.

B- Skills:

1. Communicate with patient in language they could understand with appreciation of patient confidentiality and importance of documentation.
2. Manipulate an obstetrical history and perform an obstetrical examination at all stages of pregnancy
including using a partogram and fetal wellbeing assessment.
3. Establish an approach to resolving patients' problems which include generating differential diagnoses, using investigations to gather more information, formulating a diagnosis as well as the various relevant investigations and planning care and defining the principles of management of

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patients in the various medical sub-specialties.
4. Practice and experience to be able to deliver a baby and apply resuscitation to the newborn.
5. Set up an appropriate professional interaction with patients, colleagues and other health professionals.

4. Program Accreditation

The Higher Accreditation Program of Iraqi Medical Colleges, supervised by the Ministry of Higher Education and WHO

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements	70	268	10%	
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
Year1/Course I	ANA 101	Human Anatomy	2	2
	MPH 102	Medical Physics	2	2
	HCG 103	Human Cell & Gene	2	2
	FOM 104	Foundation of Medicine	2	0
	HUR 105	Human Rights	2	0
	BCM 106	Basic Computer I	1	0
	ARL 107	Arabic Language	2	0
	ENG 108	English Language	2	0
	PHE 109	Physical Education	0	2
	ART 110	Art Education	0	2
Year1/Course II	HSD 111	Human Structure & Development	4	1
	BCH 112	Biochemistry	2	1
	PHY 113	Physiology	2	1
	MBI 114	Microbiology & Immunity	2	1
	CHD 115	Concepts of Health & Disease	1	0
	BCM 116	Basic Computer II	0	2
	PHE 109	Physical Education	0	2
	ENS 117	Environment & Society	1	0
Year 2/Course I	IDT 201	Introduction to Disease & Therapy	3	0
	MET 202	Metabolism	2	0
	HLS 204	Hemopoietic & Lymphatic System	4	2
	MSK 205	Musculoskeletal System	4	0
	ECE 206	Early Clinical Exposure & Professional Ethics	1	2
	ACM 207	Advanced Computer	1	2
	CID 208	Civil Defense	0	2

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	HUD 209	Human Development	1	0
Year 2/Course I	ENS 302	Endocrine System	4	2
	CVS 210	Cardiovascular System	4	2
	RSP 211	Respiratory System	4	2
	ECE 206	Early Clinical Exposure & Professional Ethics	1	2
	ENG 213	English Language	2	0
	BER 214	Behavioral Regulation	1	0
	THT 215	Thinking Techniques	1	0
Year 3/Course I	MHE 203	Measuring Health Events	2	0
	NCS 301	Neurosciences	7	2
	REP 308	Reproductive System	4	0
	INS 303	Integumentary System	2	0
	ECE 304	Early Clinical Exposure & Professional Ethics	1	2
	RES 305	Research Project	0	4
	ENG 306	English Language I	1	0
Year 3/Course II	PRM 309	Preventive Medicine	6	0
	GIT 212	GIT , Liver , Biliary and Pancreas	5	2
	REN 307	Renal System	3	2
	ECE 304	Early Clinical Exposure & Professional Ethics	2	2
	RES 305	Research Project	0	4
	ENG 306	English Language II	1	0
Year 4/Course I	INM 401	Internal Medicine	8	8
	PHC 402	Primary Healthcare	4	4
	FCM 403	Forensic Medicine & Clinical Pathology	4	2
	ENG 404	English Language I	1	0
Year 4/Course II	GES 405	General Surgery	8	8
	OBS 406	Obstetrics	5	8
	PRE 407	Professional Ethics	0	2
	ENG 404	English Language II	1	0
Year 5/Course I	MSB 501	Medicine Subspecialties (Neurology ,	5	6

		Rheumatology , Hematology , Geriatrics& Toxicology)		
	PSY 502	Psychiatry	3	2
	DER 503	Dermatology	2	3
	OPH 504	Ophthalmology	2	3
	PED 505	Pediatrics	5	4
Year 5/Course II	SSB 506	Surgery Subspecialties (Anesthesia , Cardiothoracic Surgery, Neurosurgery , Plastic Surgery & Emergency)	2	6
	ORT 507	Orthopedics	4	4
	RAD 508	Radiology	2	3
	ENT 509	ENT	2	3
	GYN 510	Gynecology	5	4
Year 6	MED 601	Internal Medicine (+ Medical Emergencies)	30	300
	SUR 602	Surgery (+ Surgical Emergencies)	30	300
	GOB 603	Gynecology & Obstetrics (+ GO Emergency)	30	270
	PED 604	Pediatrics (+ Pediatrics Emergency	30	270
	FMD 605	Family Medicine	10	45

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Capable of take history and examination Know investigations needed Know the differential diagnosis Diagnose the condition Treat Ready for detecting and managing the complications
Skills	
Learning Outcomes 2	Do examination Know how to deal with patient and family Know the complications

Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Theory and Clinical
Lectures
Discussions
Small group teaching
Clinical sessions
Skill labs

10. Evaluation methods

Essay questions, SCQ, EMQ

Clinical: OSCE, bed side, Slides, oral exam

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Professor	/	28	/	/	28	/
Assistant Professor	5	28	/	/	33	5
Lecturer	10	26	/	/	36	/
Assistant Professor	3	6	/	/	9	/

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

Acceptance central - Ministry of higher education
In addition to the central acceptance there should be interview with the application for admission

13. The most important sources of information about the program

Books
Internet
The patients
Workshop
Meetings
To be aware of the experience of other universities and countries.

14. Program Development Plan

This involves meetings at the level of the department and college
To be aware of the syllabus of other universities
Communication with ministry of health to get familiar with its programs and guidelines

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Year1/Course I	ANA 101	Human Anatomy	Basic	X		X		X	X		X	X	X		
	MPH 102	Medical Physics	Basic		X					X				X	
	HCG 103	Human Cell & Gene	Basic		X		X			X	X				X
	FOM 104	Foundation of Medicine	Basic				X			X	X			X	X
	HUR 105	Human Rights	Basic	X		X		X	X		X	X	X		
	BCM 106	Basic Computer I	Basic		X					X				X	
	ARL 107	Arabic Language	Basic		X		X			X	X				X
	ENG 108	English Language	Basic				X			X	X			X	X
	PHE 109	Physical Education	Basic	X		X		X	X		X	X	X		

Year/Course	Code	Course Title	Type	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
	ART 110	Art Education	Basic	X			X		X	X		X	X	X		
Year1/Course II	HSD 111	Human Structure & Development	Basic		X						X				X	
	BCH 112	Biochemistry	Basic		X			X			X	X				X
	PHY 113	Physiology	Basic					X			X	X			X	X
	MBI 114	Microbiology & Immunity	Basic	X			X		X	X		X	X	X		
	CHD 115	Concepts of Health & Disease	Basic		X						X				X	
	BCM 116	Basic Computer II	Basic		X			X			X	X				X
	PHE 109	Physical Education	Basic					X			X	X			X	X
	ENS 117	Environment & Society	Basic	X			X		X	X		X	X	X		
Year 2/Course I	IDT 201	Introduction to Disease & Therapy	Basic	X			X		X	X		X	X	X		
	MET 202	Metabolism	Basic	X			X		X	X		X	X	X		
	HLS 204	Hemopoietic & Lymphatic	Basic		X						X				X	

Year	Code	Name	Type													
		System										X	X				X
	MSK 205	Musculoskeletal System	Basic		X		X					X	X			X	X
	ECE 206	Early Clinical Exposure & Professional Ethics	Basic				X					X	X				
	ACM 207	Advanced Computer	Basic					X	X		X	X	X				
	CID 208	Civil Defense	Basic	X		X		X			X					X	
	HUD 209	Human Development	Basic		X						X	X					X
Year 2/Course I	ENS 302	Endocrine System	Basic		X		X				X	X			X	X
	CVS 210	Cardiovascular System	Basic				X		X	X		X	X	X		
	RSP 211	Respiratory System	Basic	X		X		X	X		X	X	X		
	ECE 206	Early Clinical Exposure & Professional Ethics	Basic	X		X		X	X		X				X	
	ENG 213	English Language	Basic		X					X					X	
	BER 214	Behavioral Regulation	Basic		X		X				X	X				X
							X				X	X			X	X

Year/Course	Code	Course	Type	1	2	3	4	5	6	7	8	9	10	11	12	13
	THT 215	Thinking Techniques	Basic	x			x		x	x		x	x	x		
Year 3/Course I	MHE 203	Measuring Health Events	Basic		x						x				x	
	NCS 301	Neurosciences	Basic		x			x			x	x				x
	REP 308	Reproductive System	Basic					x			x	x			x	x
	INS 303	Integumentary System	Basic	x			x		x	x		x	x	x		
	ECE 304	Early Clinical Exposure & Professional Ethics	Basic	x			x		x	x		x	x	x		
	RES 305	Research Project	Basic	x			x		x	x		x	x	x		
	ENG 306	English Language I	Basic			x					x				x	
Year 3/Course II	PRM 309	Preventive Medicine	Basic			x			x		x	x				x
	GIT 212	GIT , Liver , Biliary and Pancreas	Basic						x		x	x			x	x
	REN 307	Renal System	Basic	x			x		x	x		x	x	x		
	ECE 304	Early Clinical Exposure &	Basic			x					x				x	

Year/Course	Code	Course	Type	1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Professional Ethics											x	x			x
	RES 305	Research Project	Basic			x			x				x	x		x	x
	ENG 306	English Language II	Basic						x				x	x			
Year 4/Course I	INM 401	Internal Medicine	Basic	x			x			x	x		x	x	x	x	
	PHC 402	Primary Healthcare	Basic	x			x			x	x		x	x	x	x	
	FCM 403	Forensic Medicine & Clinical Pathology	Basic			x							x			x	
	ENG 404	English Language I	Basic			x			x				x	x			x
Year 4/Course II	GES 405	General Surgery	Basic						x				x	x		x	x
	OBS 406	Obstetrics	Basic	x			x			x	x		x	x	x	x	
	PRE 407	Professional Ethics	Basic			x							x			x	
	ENG 404	English Language II	Basic			x			x				x	x			x
Year 5/Course I	MSB 501	Medicine Subspecialties (Neurology ,	Basic						x				x	x		x	x

Year/Course	Code	Course	Type															
		Rheumatology, Hematology, Geriatrics& Toxicology)	Basic	X			X		X	X			X	X		X		X	
	PSY 502	Psychiatry	Basic		X							X					X		X
	DER 503	Dermatology	Basic		X		X					X	X					X	X
	OPH 504	Ophthalmology	Basic				X					X	X						
	PED 505	Pediatrics	Basic				X		X	X			X	X	X				
Year 5/Course II	SSB 506	Surgery Subspecialties (Anesthesia, Cardiothoracic Surgery, Neurosurgery, Plastic Surgery & Emergency)	Basic	X								X				X		
	ORT 507	Orthopedics	Basic		X							X	X						X
	RAD 508	Radiology	Basic		X		X					X	X						
	ENT 509	ENT	Basic	X		X		X	X			X	X	X				

Year	Code	Course	Type	1	2	3	4	5	6	7	8	9	10	11	12
	GYN 510	Gynecology	Basic		x					x				x	
Year 6	MED 601	Internal Medicine (+ Medical Emergencies)	Basic		x		x			x	x				x
	SUR 602	Surgery (+ Surgical Emergencies)	Basic				x			x	x			x	x
	GOB 603	Gynecology & Obstetrics (+ GO Emergency)	Basic	x		x		x	x		x	x	x		
	PED 604	Pediatrics (+ Pediatrics Emergency	Basic		x					x				x	
	FMD 605	Family Medicine	Basic		x		x			x	x				x

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**