

**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: University of Baghdad

Faculty/Institute: Al-Kindy College of Medicine

Scientific Department: Pediatrics

Academic or Professional Program Name: Pediatrics

Final Certificate Name: Bachelor's degree in medicine and general surgery
(MBChB)

Academic System: semesters

Description Preparation Date: March 17, 2024

File Completion Date: March 17, 2024

Signature:

Head of Department Name:

Prof. Dr. Hayder Hadi Al-Musawi

Date: 17/3/2024

Signature:

Scientific Associate Name:

Prof. Dr. Taghreed Alhaider

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

Al-Kindy College of Medicine aims to a pioneer institute in the field of modern medical learning and scientific research through its clinical, scientific, and research activities. Also, it aims to provide a full path for the teaching staff and students to make them more effective and innovative serving the community through a correct understanding, diagnosis, and treatment of the common and emergency cases.

2. Program Mission

To fulfill the goal of graduating excellent, safe, competent, and professional doctors at both undergraduate and postgraduate levels who are dependable to provide health care services for sick children.

3. Program Objectives

- 1- Demonstrate a thorough knowledge of the human body's structures and functions, and acquire complete communication, clinical, and procedural skills consistent with the current standards in medicine.
- 2- Establish the ability of self-learning, analytic thinking, and problem-solving process throughout different pediatric age groups in preparation of professional responsibilities and community-based lifelong learning.
- 3- Hold efficiently and honestly a future post in pediatrics.
- 4- Achieve excellence in social accountability in terms of recognition, fulfillment, delivery of pediatric community health care needs, and follow-up the requirement of the national vaccination schedule.

4. Program Accreditation

None.

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5. Other external influences

None.

6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	60	60		Fundamental
College Requirements	Yes			
Department Requirements	Yes			
Summer Training	Yes			
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
Forth		PHC	15	0
Fifth		Pediatrics	75 (45 theoretical lectures +30 discussions and tutorial)	60

Sixth		Pediatrics	48	270
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8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	<ol style="list-style-type: none"> 1. Awareness of common diseases of children in Iraq. 2. Ability to provide preventive measures of infectious diseases by vaccination. 3. Ability to control diarrheal disease in children by oral rehydration therapy. 4. Ability to enhance breast feeding in the community. 5. Ability to deal and take care of newly delivered babies.
Skills	
Learning Outcomes 2	<ol style="list-style-type: none"> 1. Communication with the patients 2. History
Learning Outcomes 3	<ol style="list-style-type: none"> 3. Examination
Ethics	
Learning Outcomes 4	Improve students' potentials through active participation in dealing with complicated medical conditions.
Learning Outcomes 5	Encourage students to find out the correct solutions to manage different common diseases especially the emergency ones.

9. Teaching and Learning Strategies

<ol style="list-style-type: none"> 1- Lectures. 2- Small group teaching. 3- Seminars. 4- Case presentations. 5- Slides demonstration. 6- Short teaching videos. 7- Skill labs.

10. Evaluation methods

Theoretical assessment and clinical examination including long case, short case, OSCE, slides, and logbook. Both theoretical and clinical assessments are performed either by written tests and / or clinical examinations.

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Tutor	MBChB	Pediatrics		2	0
Assistant professor	MBChB	Pediatrics		1	0
Professor	MBChB	Pediatrics		6	0

Professional Development

Mentoring new faculty members

Involve them in workshops and academic courses of teaching methods and approaches.

Professional development of faculty members

Attendance and participation in courses and workshops inside and outside the university.

12. Acceptance Criterion

Central admission.

13. The most important sources of information about the program

Reference Books

- 1) Nelson Textbook of Pediatrics (Robert M. Kliegman, Richard E. Behrman)
- 2) Nelson Essential of Pediatrics(Karen Marcdante / Hal Jenson / Richard Behrman / Robert Kliegman)
- 3) Lecture Notes on Pediatrics(Richard Worthington Smithell, S. R. Meadow)

Other suggested books:

- 1) Arneils and Forfar Textbook of Pediatrics
- 2) Rudolf Textbook of Pediatrics

Suggested Journals

- Al Kindy Medical Journal
- Iraqi Medical journal
- WHO Bulletin
- Pediatrics
- Archives of diseases of children
- British Medical Journal

Suggested Websites

- ❖ <http://www.moh.gov.iq/>
- ❖ <http://www.journalonweb.com/ijp>
- ❖ <http://www.medscape.com>
- ❖ <http://www.pubmed.com>
- ❖ <http://www.who.com/>

14. Program Development Plan

Continuous follow-up of the most recent medical and scientific updates, and apply them within the teaching syllabus of the students.

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					
Fourth	PHC		Basic																	
Fifth	Pediatrics		Basic																	
Sixth	Pediatrics		Basic																	

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

Course Description Form

1. Course Name: Pediatrics	
2. Course Code:	
3. Semester / Year: Semester	
4. Description Preparation Date: March 17, 2024	
5. Available Attendance Forms: In-person only	
6. Number of Credit Hours (Total) / Number of Units (Total) Theoretical: 138 hours; Clinical: 330 hours for each semester. Total units: 20.2	
7. Course administrator's name (mention all, if more than one name) Name: Abbas Oweid Olewi Email: abbas.o@kmc.uobaghdad.edu.iq Name: Hussein Khudair Hussein Email: husseinkhudair@kmc.uobaghdad.edu.iq Name: Ali Kadhim Hasan Email: aliquirishi@Kmc.uobaghdad.edu.iq	
8. Course Objectives	
Course Objectives	Establish a resident d has the knowledge an enable him/her to cea cold and emergency r cases in an efficient a
9. Teaching and Learning Strategies	
Strategy	1- Lectures. 2- Small group teaching. 3- Seminars. 4- Case presentations.

- 5- Slides demonstration.
- 6- Short teaching videos.
- 7- Skill labs.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Fourth (16)	15 (theoretical)	<ul style="list-style-type: none"> 1- Introduction pediatrics, not development, vaccinations. 2- Nutrition and nutrition. 3- Infections micro-organisms 	PHC	<ul style="list-style-type: none"> 1-Theoretical lectures describing scientific material. 2-Integrate theoretical knowledge the clinical applications. 	Written examination or practical examination
Fifth(16)	Theoretical: 7 (45 lectures 30 discussions Clinical: 60 hours	<ul style="list-style-type: none"> 1-Neonatology 2-Benign hematology 3- GIT 4-Respiratory system 5-Endocrine system 6-CNS 7-Hematological malignancies 8-CVS 9-Nephrology 10-Poisoning 11-Surgical diseases 12-Genetics 13-Inborn error metabolism 14-Communication skills 15-IV fluids 16-COVID-19 17-Crying babies 18-Rheumatology 19-Short stature 20-comatose children 	Pediatrics	<ul style="list-style-type: none"> 1-Theoretical lectures describing scientific material. 2-Integrate theoretical knowledge the clinical applications. 3- Discuss and brainstorming. 4- Clinical practice in teaching hospital 	Written examination or practical examination
Sixth (9)	Theoretical: Discussions. Clinical: 270 hours.	Advanced theoretical and clinical practicing in various types of cold emergency cases.	Pediatrics	<ul style="list-style-type: none"> 1-Theoretical lectures describing scientific material. 2-Integrate theoretical knowledge the clinical applications. 3- Discuss and brainstorming. 	Written examination or practical examination

11. Course Evaluation

Fourth stage marks: part of PHC module.

Fifth stage marks: Logbook, and active daily attitude: 5; final written exam of the course: 5; final clinical exam of the course: 20; final clinical exam of the semester: 20; final written exam of the semester: 50.

Sixth stage: Logbook, and active daily attitude: 2; final clinical exam of the course: 18; final clinical exam of the semester: 30; final written exam of the semester: 50.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Nelson Textbook of Pediatrics (Robert M. Kliegman / Richard E. Behrman)

Main references (sources)

Nelson Essential of Pediatrics (Karen M. Nelson / Richard Behrman / Robert Kliegman)
Lecture Notes on Pediatrics (Richard E. Behrman / S. R. Meadow)
Arneils and Forfar Textbook of Pediatrics
Rudolf Textbook of Pediatrics

Recommended books and references (scientific journals, reports...)

- Al Kindy Medical Journal
- Iraqi Medical journal
- WHO Bulletin
- Pediatrics
- Archives of diseases of children
- British Medical Journal

Electronic References, Websites

- ❖ <http://www.moh.gov.iq/>
- ❖ <http://www.journalonweb.com/ijp>
- ❖ <http://www.medscape.com>
- ❖ <http://www.pubmed.com>
- ❖ <http://www.who.com/>