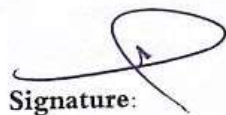


Academic Program Description Form

University Name: Basrah.....
Faculty/Institute: ..College of Medicine.....
Scientific Department: ...Physiology.....
Academic or Professional Program Name: ...M.B.Ch.B.....
Final Certificate Name: M.B.Ch.B.....
Academic System: Annual.....
Description Preparation Date: 15/2/2024
File Completion Date: 20/2/2024



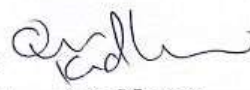
Signature:

Head of Department Name:

Assist. Prof. Hiathem J. Kadhum

Date:

Signature:



Scientific Associate Name:

Assist. Prof. Kais K. Baqir

Date:

The file is checked by:

Department of Quality Assurance and University Performance

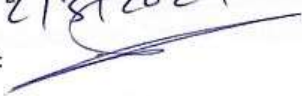
Director of the Quality Assurance and University Performance Department:

Assist. Prof. Khilud Salim Al-Salami

Date:

12/3/2024

Signature:



**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: ..Basrah.....

Faculty/Institute: ..College of Medicine.....

Scientific Department: ...Physiology.....

Academic or Professional Program Name: ...M.B.Ch.B.....

Final Certificate Name: M.B.Ch.B.....

Academic System: Annual.....

Description Preparation Date: 15/2/2024

File Completion Date: 20/2/2024

Signature:

Head of Department Name:

Assist. Prof. Hiathem J. Kadhum

Date:

Signature:

Scientific Associate Name:

Assist. Prof. Kais K. Baqir

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Assist.Prof. Khilud Salim Al-Salami

Date:

Signature:

Approval of the Dean

1. Program Vision

The department be distinguished and pioneering in scientific research and academic teaching in the field of physiology, medical physics and computer

2. Program Mission

- 1) Teaching and preparing primary and postgraduate students academically and in practical laboratories by encouraging self-education and adopting the teaching method within small groups.
- 2) Consolidating moral and humanitarian value

3. Program Objectives

- 1) Reaching the highest levels in teaching and scientific research.
- 2) Providing students with experience, information, and skills in physiology for second-year students and postgraduate students, and in medical physics and computing for first-year students.
- 3) Contributing to supporting and providing health services to the community

4. Program Accreditation

Does the program have program accreditation? And from which agency? no

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	1	13		
College Requirements				
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	
2023–2024		physiology	theoretical	practical
			150	60

8. Expected learning outcomes of the program	
Knowledge	
1) Theoretical and practical scientific knowledge of the functions of the body's systems in a normal state. 2) Preparing the student to recognize and distinguish dysfunction in the human body's systems, as it has an essential role in understanding the clinical lessons of the advanced stages. 3) Consolidating educational and scientific principles in a way that contributes to the development of society and raising its status. 4) Providing the student with scientific skills that contribute to community service and solving health problems. 5) Theoretical and practical scientific knowledge of applied computer programs. 6) Complete scientific knowledge of medical physics and its applications. 7) Knowledge of the physical principles of the functioning of the body's systems	Learning Outcomes Statement 1
Skills	

<p>1) Correct and applied knowledge of using an optical microscope to examine and count blood cells.</p> <p>2) Correct and applied knowledge of blood pressure measurement, lung function examination, and ECG.</p> <p>3) Correct and applied knowledge of EEG and various examinations of the nervous system.</p> <p>4) Correct and applied knowledge of using lenses and examining hearing and vision.</p> <p>5) Correct and applied knowledge of the operation of medical devices.</p> <p>6) Correct and applied knowledge of using office computer programs.</p>	<p>Learning Outcomes Statement 2</p>
<p>Learning Outcomes 3</p>	<p>Learning Outcomes Statement 3</p>
<p>Ethics</p>	
<p>1. Parental dealing with students</p> <p>2. Paying attention to the humanitarian aspect by participating in humanitarian initiatives and supporting the Student Support Fund</p>	<p>Learning Outcomes Statement 4</p>
<p>Learning Outcomes 5</p>	<p>Learning Outcomes Statement 5</p>

9. Teaching and Learning Strategies

1. Explaining the scientific material through interactive theoretical lectures and discussions with the participation of all students
2. Distributing students into small groups in practical lessons to perform practical experiments and discuss the results
3. Focus on pathological cases related to the theoretical and practical study material

10. Evaluation methods

formative exam, theoretical and practical exams for the mid-term, and final exam (summative exam).

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Assistant professor	MBChB	physiology			staff	
Assistant professor	Science	physiology			staff	
Lecturer	MBChB	pharmacology			staff	
Lecturer	MBChB	Neuro-physiology			staff	
Lecturer	MBChB	physiology			staff	
Assistant lecturer	MBChB	physiology			staff	
Assistant lecturer	MBChB	physiology			staff	

Professional Development

Mentoring new faculty members

Participation in university teaching methods courses

Organizing educational seminars

Keeping pace with scientific development and using modern technical means in teaching

Professional development of faculty members

Participation in international and local conferences, seminars, training courses and workshops to keep pace with scientific and technological development and use modern scientific sources in teaching.

Encouraging scientific research and publishing in high-quality journals

12. Acceptance Criterion

Central acceptance

--

13. The most important sources of information about the program
--

State briefly the sources of information about the program.

Methodical books.

Helping books.

Internet sites

14. Program Development Plan

Vertical integration with the clinical branches (internal medicine and obstetrics and gynecology branches) and horizontal integration with the basic branches (anatomy and biochemistry)

Pruning lectures and focusing on important topics of clinical relevance

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

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

**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:

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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: ..Basrah.....

Faculty/Institute: ..College of Medicine.....

Scientific Department: ...Physiology.....

Academic or Professional Program Name: ...M.B.Ch.B.....

Final Certificate Name: M.B.Ch.B.....

Academic System: semesters.....

Description Preparation Date: 15/2/2024

File Completion Date: 20/2/2024

Signature:

Head of Department Name:

Assist. Prof. Hiathem J. Kadhum

Date:

Signature:

Scientific Associate Name:

Assist. Prof. Kais K. Baqir

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Assist.Prof. Khilud Salim Al-Salami

Date:

Signature:

15. Program Vision

The department be distinguished and pioneering in scientific research and academic teaching in the field of physiology, medical physics and computer

16. Program Mission

Teaching and preparing primary and postgraduate students academically and in practical laboratories by encouraging self-education and adopting the teaching method within small groups.

2) Consolidating moral and humanitarian value

17. Program Objectives

- 1) Reaching the highest levels in teaching and scientific research.
- 2) Providing students with experience, information, and skills in physiology for second-year students and postgraduate students, and in medical physics and computing for first-year students.
- 3) Contributing to supporting and providing health services to the community

18. Program Accreditation

Does the program have program accreditation? And from which agency? no

19. Other external influences

Is there a sponsor for the program?no

20. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	1	2		
College Requirements				
Department Requirements				
Summer Training	–			
Other				

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

21. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
2023–2024		computer	theoretical	practical
			15	30

22. Expected learning outcomes of the program	
Knowledge	
Providing the student with theoretical and scientific skills and knowledge of applied programs	Learning Outcomes Statement 1
Skills	
skills of basics of computer applications.	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
1. Parental dealing with students 2. Paying attention to the humanitarian aspect by participating in humanitarian initiatives and supporting the Student Support Fund	Learning Outcomes Statement 4

23. Teaching and Learning Strategies

1. Explaining the scientific material through interactive theoretical lectures and discussions with the participation of all students
2. Distributing students into small groups in practical lessons to perform practical experiments and discuss the results
3. Assigning students to write scientific reports

24. Evaluation methods

Formative exam and theoretical and practical exams for the mid-semester and end of the semester (summative exam).

25. Faculty**Faculty Members**

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

Professional Development**Mentoring new faculty members**

There are no new faculty members

Professional development of faculty members

Participation in international and local conferences, seminars, training courses and workshops to keep pace with scientific and technological development and use modern scientific sources in teaching.

Encouraging scientific research and publishing in high-quality journal

26. Acceptance Criterion

Central acceptance

27. The most important sources of information about the program

State briefly the sources of information about the program.

Methodical books.

Helping books.

Internet sites

28. Program Development Plan

Pruning lectures and focusing on important topics of clinical relevance

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

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

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
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Academic Program and Course Description Guide

2024

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Academic Program Description Form

University Name: ..Basrah.....

Faculty/Institute: ..College of Medicine.....

Scientific Department: ...Physiology.....

Academic or Professional Program Name: ...M.B.Ch.B.....

Final Certificate Name: M.B.Ch.B.....

Academic System: semesters.....

Description Preparation Date: 15/2/2024

File Completion Date: 20/2/2024

Signature:

Head of Department Name:

Assist. Prof. Hiathem J. Kadhum

Date:

Signature:

Scientific Associate Name:

Assist. Prof. Kais K. Baqir

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Assist.Prof. Khilud Salim Al-Salami

Date:

Signature:

29. Program Vision

The department be distinguished and pioneering in scientific research and academic teaching in the field of physiology, medical physics and computer

30. Program Mission

- 1) Teaching and preparing primary and postgraduate students academically and in practical laboratories by encouraging self-education and adopting the teaching method within small groups.
- 2) Consolidating moral and humanitarian value

31. Program Objectives

- 1) Reaching the highest levels in teaching and scientific research.
- 2) Providing students with experience, information, and skills in physiology for second-year students and postgraduate students, and in medical physics and computing for first-year students.
- 3) Contributing to supporting and providing health services to the community

32. Program Accreditation

Does the program have program accreditation? And from which agency? no

33. Other external influences

Is there a sponsor for the program?no

34. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	5		
College Requirements				
Department Requirements				
Summer Training	–			
Other				

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

35. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
2023–2024		Medical physics	theoretical	practical
			45	60

36. Expected learning outcomes of the program	
Knowledge	
1) The theoretical and practical scientific knowledge of the physics of body systems in the natural state. 2) Preparing the student to know the basic principles and physical laws related to the functioning of the human body’s systems, which play an essential role in understanding the clinical lessons of the advanced stages. 3) Consolidating educational and scientific principles in a way that contributes to the development of society and raising its status. 4) Providing the student with scientific skills that contribute to community service and solving health problems. 5) Complete scientific knowledge of medical physics and its applications	Learning Outcomes Statement 1
Skills	
1) Correct and applied knowledge of the use of medical devices	Learning Outcomes Statement 2

2) Correct and applied knowledge of measuring blood pressure, pulse and hearing.	
3) Correct and applied knowledge of body electricity	
4) Correct and applied knowledge of using lenses and examining hearing and vision.	
5) Correct and applied knowledge of the operation of medical devices.	
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
1. Parental dealing with students	Learning Outcomes Statement 4
2. Paying attention to the humanitarian aspect by participating in humanitarian initiatives and supporting the Student Support Fund	
Learning Outcomes 5	Learning Outcomes Statement 5

37. Teaching and Learning Strategies

1. Explaining the scientific material through interactive theoretical lectures and discussions with the participation of all students
2. Distributing students into small groups in practical lessons to perform practical experiments and discuss the results
3. Assigning students to write scientific reports

38. Evaluation methods

Formative exam and theoretical and practical exams for the mid-semester and end of the semester (summative exam).

39. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Assistant professor	BSc	Medical physics			staff	

Professional Development
Mentoring new faculty members
There are no new faculty members
Professional development of faculty members
Participation in international and local conferences, seminars, training courses and workshops to keep pace with scientific and technological development and use modern scientific sources in teaching. Encouraging scientific research and publishing in high-quality journal

40. Acceptance Criterion
Central acceptance

41. The most important sources of information about the program
State briefly the sources of information about the program. Methodical books. Helping books. Internet sites

42. Program Development Plan

Vertical integration with clinical branches (surgery branch) and horizontal integration with basic branches (anatomy)

Pruning lectures and focusing on important topics of clinical relevance

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

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

