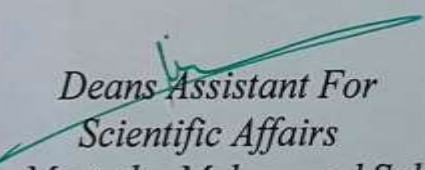


Republic of Iraq
Ministry of Higher Education & Scientific
Research Supervision and Scientific
Evaluation Directorate Quality Assurance
and Academic Accreditation International
Accreditation Dept.

Academic Program Specification Form For The Academic

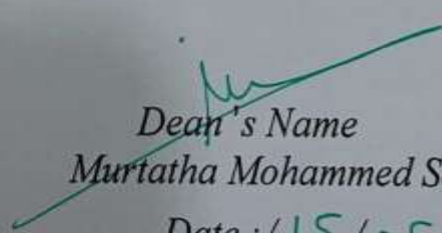
University: Basrah
College : Medicine
Number Of Departments In The College
Date Of Form Completion : 9/5/2022


Deans Assistant For
Scientific Affairs
Murtatha Mohammed Salih
Date: 15 / 05 / 2022

Signature

The College Quality Assurance and
University Performance Manager
Khloud salim
Date: 15 / 5 / 2022

Signature


Dean's Name
Murtatha Mohammed Salih

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Date :/ /*

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TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Program Specification provides a concise summary of the main features of the program and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the program.

1. Teaching Institution	University of Basrah
2. University Department/Centre	Physiology Department, College of Medicine
3. Program Title	Physiology/ Medical physics / computer
4. Title of Final Award	MBCChB
5. Modes of Attendance offered	Annual
6. Accreditation	quality assurance
7. Other external influences	Central
8. Date of production/revision of this specification	9/5/2022
9. Aims of the Program	
<ul style="list-style-type: none">• Teaching and learning physiology of human body for second stage students.• Know the effect of various diseases on the functions of human body• Teaching and learning first-year students the science of medical physics, including developments in radiation science and medical uses• Teaching and learning for first-year students in basic and advanced computer sciences• Teaching basic and advanced physiology to postgraduate students in physiology and biochemistry and pharmacology• Evaluation of the level of body's functions by conducting various practical experiments.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Cognitive goals

- A1. Scientific theoretical and practical knowledge of the functions of the body's systems in the normal state.
- A2. Preparing the student to know and distinguish the dysfunction in the functions of the human body organs, as it has a fundamental role in understanding the clinical lessons in the advanced stages.
- A3. Understand the work of cell receptors and ion channels and their role in functional moderation
- A4. Complete scientific knowledge of medical physics and its applications
- A5. Scientific theoretical and practical knowledge of applied computer programs
- A6. Consolidate the educational and scientific principles in a way that contributes to the development of society and raising its status.
- A7. Providing the student with scientific skills that contribute to community service and solving health problems.

B. The skills goals special to the programme .

- B1. Correct and practical knowledge of how to use the optical microscope to examine and count blood cells
- B2. Correct and applied knowledge of blood pressure measurement, lung function examination and ECG
- B3. Correct and applied knowledge of EEG and EMG as well as other various examinations of the nervous system.
- B4. Desktop software applications
- B5. Correct and practical knowledge of the use of lenses and examination of hearing and vision

Teaching and Learning Methods

- Theoretical integrated (vertical and horizontal integration) lectures.
- Electronic lectures (computer).
- Recorded lectures on uploaded on you tube and the link send to students through classroom and Ibin Sina website.
- Training in scientific laboratories (small group teaching).

Assessment methods

- Theoretical exam first term summative exam (electronic)
- Theoretical exam, first semester, formal exam
- Mid-year exam (theoretical and practical)
- Theoretical exam second semester summative exam
- Informative theory exam second semester formative exam
- Final Exam (Theoretical, Practical)

C. Affective and value goals

- C1. Follow successful scientific methods and means of teaching to create knowledge about the functions of the human body.
- C2. How to treat and respect the person for whom functional examinations are to be conducted.
- C3. Consolidation of honesty and scientific credibility in giving the results of laboratory tests.

C4. Good treatment and mutual respect with co-workers and students

Teaching and Learning Methods

- Scientific lectures.
- Educational guidance.
- Ethical and paternalistic dealing with students.

Assessment methods

- Questionnaires.
- Follow-up of students during the lectures and classroom and extracurricular activities.

D. General and Transferable Skills (other skills relevant to employability and personal development)

D1. Preparing competencies able to work in health institutions.

D2 Preparing researchers how have the ability to complete postgraduate studies in physiology and to be teachers in the future.

D3. The skill of using pulmonary function testing, light microscopy, electrocardiogram, and pressure devices

D4. The skill of using hearing aids

D5. The skill of using the computer and its applications

D6. The skill of preparing seminars and theoretical scientific topics

Teaching and Learning Methods

- Method of questioning (interrogation).
- Oral lecture method.
- Assigning the student to give a lecture.

Assessment Methods

- Written exams
- Scientific reports

11. Program Structure

11. Program Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
1 st year		Computer	4	Bachelor Degree Requires (x) credits
1 st year		Medical physics	5	
2 nd year		Physiology	12	

13. Personal Development Planning

- Contribute to build a scientific personality how has an applied scientific culture that serves the community.

14. Admission criteria .

- Central admission

15. Key sources of information about the program

- Continuous medical education unit
- College website

TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	University of Basrah
2. University Department/Centre	Physiology Department, College of Medicine
3. Course title/code	Physiology
4. Modes of Attendance offered	Virtual
5. Semester/Year	Annual
6. Number of hours tuition (total)	120 (theory) and 60 (practical)
7. Date of production/revision of this specification	9/5/2022
8. Aims of the Course	
<ul style="list-style-type: none">• Teaching and learning physiology of human body for second stage students.• Know the effect of various diseases on the functions of human body• Evaluation of the level of body's functions by conducting various practical experiments to know the normal level and the changes that occur in various diseases that adversely affect the functions of the body.	

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals

- A1. Scientific theoretical and practical knowledge of the functions of the body's systems in the normal state.
- A2. Preparing the student to know and distinguish the dysfunction in the functions of the human body organs, as it has a fundamental role in understanding the clinical lessons in the advanced stages.
- A3. Consolidate the educational and scientific principles in a way that contributes to the development of society and raising its status.
- A4. Providing the student with scientific skills that contribute to community service and solving health problems.

B. The skills goals special to the course.

- B1. Correct and practical knowledge of how to use the optical microscope to examine and count blood cells
- B2. Correct and applied knowledge of blood pressure measurement, lung function examination and ECG
- B3. Correct and applied knowledge of EEG and EMG as well as other various examinations of the nervous system

Teaching and Learning Methods

- Theoretical lectures (integrated with clinical and basic departments)
- Recorded lectures on uploaded on you tube and the link send to students through classroom and Ibin Sina website.
- Training in scientific laboratories (small group teaching).

Assessment methods

- Theoretical exam first term summative exam (electronic)
- Theoretical exam, first semester, formal exam
- Mid-year exam (theoretical and practical)
- Theoretical exam second semester summative exam
- Informative theory exam second semester formative exam
- Final Exam (Theoretical, Practical)

C. Affective and value goals

- C1. Follow successful scientific methods and means of teaching to create knowledge about the functions of the human body.
- C2. How to treat and respect the person for whom functional examinations are to be conducted.
- C3. Consolidation of honesty and scientific credibility in giving the results of laboratory tests.
- C4. Good treatment and mutual respect with co-workers and students

Teaching and Learning Methods

- Scientific lectures.
- Educational guidance.
- Ethical and paternalistic dealing with students.

Assessment methods

- Written exams
- Scientific reports

D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)

- D1.
- D2.
- D3.
- D4.

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
	2		Cell physiology	Theory lectures And practical	Written exam
	5		Cell physiology	Theory lectures And practical	Written exam
	8		Blood physiology	Theory lectures And practical	Written exam
	10		Locomotive system	Theory lectures And practical	Written exam
	16		CVS	Theory lectures And practical	Written exam
	10		GIT	Theory lectures And practical	Written exam
	29		CNS	Theory lectures And practical	Written exam
	15		Endocrine and reproductive	Theory lectures And practical	Written exam
	15		Respiratory system	Theory lectures And practical	Written exam
	10		Renal system	Theory lectures And practical	Written exam
	2		Temperature regulation	Theory lectures And practical	Written exam
Total	120				

11. Infrastructure

1. Books Required reading:	Textbook of physiology by Guyton
2. Main references (sources)	Gannon's review of medical physiology
A- Recommended books and references (scientific journals, reports...).	Textbook of physiology by Geetha
B-Electronic references, Internet sites...	Ibn sina website, youtube

12. The development of the curriculum plan

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