

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: Baghdad University
College: Al-Kindy Medical College
Number Of Departments In The College: 11
Date Of Form Completion: 2023-2024
Department Name:
Name of head of Department:
Signature:

Dean's Name:

Mohammed Shihab Aledanni

Date: / /

Signature

T. Alhaidari

Dean's Assistant For
Scientific Affairs:
Taghreed Kalil Al Haidari

Date: 20 / 11 / 2023

Aseel

The College Quality
Assurance And University
Performance Manager:
Aseel Sameer Mohamed

Date: 20 / 11 / 2023

Quality Assurance And University Performance Manager

Date: / /

Signature

Handwritten signature and date in blue ink.

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme 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 programme.

1. Teaching Institution	University of Baghdad
2. University Department/Centre	Al Kindy College of Medicine
3. Programme Title	Human Cell and Gene
4. Title of Final Award	M. B. Ch. B.
5. Modes of Attendance offered	Acceptance central ministry of higher education
6. Accreditation	The Higher Accreditation Program of Iraqi Medical Colleges, supervised by the Ministry of Higher Education and WHO
7. Other external influences	
8. Date of production/revision of this specification	2023-2024
9. Aims of the Programme	
	Is to provide the medical students with the basic knowledge about human genome and DNA structure with factors influencing DNA functions. Let them practice genetic tests in the lab.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

- A. Cognitive goals
- A1. Distinguish human karyotype
 - A2. Know the structure elements of cell and DNA
 - A3. Know investigations needed
 - A4. Know how to treat biohazards
 - A5. Learn the basics of inherited disorders
 - A6. Ready for detecting and managing the complications

- B. The skills goals special to the programme.
- B1. Know the different types of cells
 - B2. Know how to differentiate between cell types
 - B3. Select the most appropriate apparatus of specific test

Teaching and Learning Methods

Theoretical and practical
Lectures, Labs, tutorials
discussions
Online teaching and videos

Assessment methods

Essay questions, single choice and MCQ
Lab: OSPE, oral exam
Online exams

- C. Affective and value goals
- C1. The function of the cell in the human body
 - C2. The role of genes in the human body
 - C3. The impact of cell and gene abnormalities on developing diseases
 - C4

Teaching and Learning Methods

Theoretical and practical
Lectures, Labs, tutorials

discussions
Online teaching and videos

Assessment methods

Essay questions, single choice and MCQ
Lab: OSPE, oral exam
Online exams

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1. Dealing with biomaterials
D2. Dealing with complications in the lab
D3. Dealing with the microscope
D4. Dealing with chemical materials

Teaching and Learning Methods

Theoretical and practical
Lectures, Labs, tutorials
discussions
Online teaching and videos

Assessment Methods

Individual evaluation in the lab
Essay questions, single choice and MCQ
Lab: OSPE, oral exam
Online exams

11. Programme Structure

Level/Year	Course or Module Code	Course or Module Title	Credit rating
2023-2024		Human cell and gene	Theoretical (20)

12. Awards and Credits

Credit 2.6

			hr) Practical (30 hr) Tutorial (5 hr)	

13. Personal Development Planning

Assignments
Seminars
Online lectures and meetings

14. Admission criteria .

Central acceptance criteria and interviewing the applicants.

15. Key sources of information about the programme

Books
Published papers
Internet
Workshops

9. Learning Outcomes, Teaching ,Learning and Assessment Methods

A- Cognitive goals.

- A1. Distinguish human karyotype
- A2. Know the structure elements of cell and DNA
- A3. Know investigations needed
- A4. Know how to treat biohazards
- A5. Learn the basics of inherited disorders
- A6. Ready for detecting and managing the complications

B.

- B1. Do examination and necessary investigations
- B2. Know how to deal with different types of cases
- B3. Know the complications

Teaching and Learning Methods

Theory Lectures, practical lectures
seminars,
Tutorials,
Online teaching

Assessment methods

Essay questions, single choice, MCQ, OSPE,
Online exams

C. Affective and value goals

- C1. Thinking Skills
- C1. Dealing with cell lines
- C2. meetings
- C3. internet

Teaching and Learning Methods

Theory and practical
Lectures, seminars, tutorials
Improve online teaching

Assessment methods

Essay questions, single choice, MCQ, OSPE,
Online exams

- D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)
- D1. Dealing with different apparatus
 - D2. Dealing with different cell lines
 - D3. Dealing with patients
 - D4. Dealing with complications

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
10	55	Preparing efficient doctor	Human cell and gene	Theory and practical	Essay, MCQ, SCQ, OSPE, Online exam

11. Infrastructure

1. Books Required reading:	Molecular biology of the cell Genetics analysis and principles
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2. Main references (sources)	Essential cell biology Genetics a conceptual approach
A- Recommended books and references (scientific journals, reports...).	The journal of cell biology The journal of genetics
B-Electronic references, Internet sites...	https://ncbi.nlm.nih.gov/nature.com

12. The development of the curriculum plan
This involves meetings at the level of the department and college to be aware of the syllabus of other universities