

*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 YEAR 2020 -2021*

University:

College :

Number Of Departments In The College :

Date Of Form Completion :

Dean's Name

Date : / /

Signature

*Dean's Assistant For
Scientific Affairs*

Date : / /

Signature

*The College Quality Assurance
And University Performance
Manager*

Date : / /

Signature

Quality Assurance And University Performance Manager

Date : / /

Signature

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	Al – kindy college of Medicine
2. University Department/Centre	University of Baghdad
3. Programme Title	Biochemistry
4. Title of Final Award	MBChB
5. Modes of Attendance offered	Lectures, tutorials, seminars, practical, SDL
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	2014 and yearly revision and updating
9. Aims of the Programme	
To educate medical students about the biochemical process and reactions in the human body, recognize the relevance of this process in the diagnosis, patient care and total management of patients.in addition to train the undergraduate student to practice the strategy of investigations and interpretation of the test results in solving clinical problem	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

- A1.. Identify the structural elements of the building blocks including the protein, lipid, carbohydrate
- A2. Understand the metabolic process by which energy is produced in cells and how molecules are synthesized.
- A3. Describe the roles of Enzymes and vitamins in metabolic process.
- A4. Understand basic concepts in the proper use of the diagnostic laboratory
- A5. Understand the metabolic pathway carried out in different body system
- A6. . Learn the consequences of deficiency and excess of hormones ,minerals, vitamins and other analytes.

B. Subject-specific skills

- B1 Provide students with interpretative &investigate skills

Teaching and Learning Methods

Lectures, tutorials, seminars, practical, SDL

Assessment methods

-End module Written Exam

2-OSPE

3-attitude, logbook, end module test, final year test, examination

C. Thinking Skills

- C1. Develop communication skills and etiquette with sense of responsibility.
- C2 . Dedicate to continual enhancement of skills.
- C3.

Teaching and Learning Methods

Tutorials, seminars, SDL

Assessment methods

1.End module Written Exam

2-OSPE

3-attitude, logbook, end module test, final year test, examination

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

D1. Equip themselves for teamwork.

D2.

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Teaching and Learning Methods

Tutorials, seminars, SDL

Assessment Methods

attitude, logbook, end module test

11. Programm Structure

11. Programm Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
Year 1		Biochemistry I		Bachelor Degree Requires (x) credits
		Biochemistry II		
Year 2		Nutrition &metabolism		
		Digestive module		
		Respiratory module		
		Cardiovascular module		
		Haemopoetic module		

		Musculoskeletal module		
		Neuroscience module		
		Renal module		
		Reproductive module		
		Endocrine module		
		Integumentary module		

13. Personal Development Planning

Continues medical education, workshops, seminars

14. Admission criteria .

Students admission to the course is mandatory for all medical students

15. Key sources of information about the programme

Department hand out
Curriculum committee
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	Alkindy college of Medicine
2. University Department/Centre	University of Baghdad
3. Course title/code	Biochemistry
4. Modes of Attendance offered	Lectures,seminar,tutorial,practical
5. Semester/Year	Year one,two,three(both semester)
6. Number of hours tuition (total)	
7. Date of production/revision of this specification	2020 revision
8. Aims of the Course	
To educate medical students about the biochemical process and reactions in the human body, recognize the relevance of this process in the diagnosis, patient care and total management of patients.in addition to train the undergraduate student to practice the strategy of investigations and interpretation of the test results in solving clinical problem.	

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .

A1. Identify the structural elements of the building blocks including the protein, lipid, carbohydrate.

A2. Describe the roles of Enzymes and vitamins in metabolic process.

A3. Understand the metabolic process by which energy is produced in cells and how molecules are synthesized

A4. Understand the metabolic pathway carried out in different body system

A5. Learn the consequences of deficiency and excess of hormones ,minerals, vitamins and other analytes.

B. The skills goals special to the course.

B1. Understand basic concepts in the proper use of the diagnostic laboratory

B2. Provide students with interpretative &investigate skills

B3.

Teaching and Learning Methods

. Lectures,seminar,tutorial,practical,SDL

Assessment methods

. \ End module Written Exam

- \ OSPE

- \ attitude, logbook, end module test, final year test, examination

C. Affective and value goals

C1.communication skills

C2.team work

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Teaching and Learning Methods

Assessment methods

OSPE ,-attitude, logbook, end module test,

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D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)
 D1. time management
 D2. Team work

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method

11. Infrastructure

1. Books Required reading:	1. Lipincott biochemistry 2. Clinical chemistry and metabolic medicine by crook
2. Main references (sources)	Marchal clinical biochemistry

A- Recommended books and references (scientific journals, reports...).	Lecture notes clinical biochemistry
B-Electronic references, Internet sites...	www.clinicalbiochemistry.com

12. The development of the curriculum plan

Annual revision and update