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 2019-2020

Universitiy:Baghdad
College :ALkindy
Number Of Departments In The College : 215s11c
Date Of Form Completion :27-8-2020

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	Cardiovascular system/215s11c
4. Title of Final Award	Bachelor in Medicine and General Surgery
5. Modes of Attendance offered	Lectures, practical, Seminar, tutorial, SDL and ECE
6. Accreditation	2nd year/ 2nd semester
7. Other external influences	The Higher Accreditation Program of Iraqi Medical Colleges, supervised by the Ministry of Higher Education and WHO
8. Date of production/revision of this specification	2019-2020
9. Aims of the Programme The overall aim of the module that the student will be a familiar with the further pursuit of knowledge of theoretical and practical aspects of four main disciplines that are, pathology, pharmacology ,microbiology and Anatomy with the main emphasis given to clinical relevant teaching of these basic sciences in an integrated fashion.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

At the end of the module, the student shall be able to:

A1: Familiar with the Anatomy principles needed to understand how the body works.

A2: Understand the types of loads that are applied to biomechanical structures and the principal characteristics of a deformable material;

A3: Understand the basic structure of bone and tissue and have a feel for their respective strengths and stiffness's;

A4:Describe the pathological terms, main pathological tissue phenomena like, inflammation, necrosis and apoptosis.

A5:Describe the basic pharmacological concepts like agonists, antagonists, bioavailability and dosage forms.

A6:Describe the main microbiological concepts in bacteriology, virology and parasitology

B. Subject-specific skills

At the end of the module, the student shall be able to:

1:Identify the major pathological types of human tissues.

2:Identify the types of dosage forms of drugs and routes of their administration.

3:Identify the types of bacterial cultures and specify the types of bacteria in these cultures.

4. Applications include biomedical amplifiers and signal recording (e.g. ECG), and electrical stimulators.

5. Improve his main skills with Computer software and application

Teaching and Learning Methods

1-Lectures
2-Practical
3-Seminars
4-Tutorial
5-Early clinical exposure/ ECE
6-Self directory learning / SDL
7. General and Transferable Skills (other skills relevant to employability and personal development)
8. To equip themselves for teamwork.
9. Develop communication skills and etiquette with sense of responsibility

Assessment methods
Knowledge component assessment in form of Theory examination .Skill component assessment through log book assessment and OSPEs Examination Attitude component assessment by special assessment format The examinations scheduled at the end of each Module as Progress test and the whole year assessed by the End of Year Examination
C. Thinking Skills C1. C2. C3. C4.
Teaching and Learning Methods
Assessment methods

D. General and Transferable Skills (other skills relevant to employability and personal development) D1. D2. D3. D4.
Teaching and Learning Methods
1-Lectures 2-Practical 3-Seminars 4-Tutorial 5-Early clinical exposure/ ECE

6-Self directory learning / SDL
7. General and Transferable Skills (other skills relevant to employability and personal development)
8. To equip themselves for teamwork.
9. Develop communication skills and etiquette with sense of responsibility

Assessment Methods

Knowledge component assessment in form of Theory examination .Skill component assessment through log book assessment and OSPEs Examination
Attitude component assessment by special assessment format
The examinations scheduled at the end of each Module as Progress test and the whole year assessed by the End of Year Examination

11. Programme Structure

Level/Year	Course or Module Code	Course or Module Title	Credit rating	12. Awards and Credits
2nd Year	215s11c	Cardiovascular	59hr	Bachelor Degree Requires (x) credits

13. Personal Development Planning

To prepare the background of an efficient intellectual medic in the field of CVS.

14. Admission criteria .

Pre-requisites
Minimum number of students 75
Maximum number of students 150

15. Key sources of information about the programme

1. **Lippincott Illustrative review in pharmacology, 2012.**
2. **Bennett Clinical pharmacology, 2011.**
3. **Katzung: Basic and clinical pharmacology, 2012.**
4. **Rang and Dale ;Parmacology,2011.**
5. **Robbins basic pathology, Kumar, Abbas, Aster: 8th edn. 2007.**
6. **Muir's textbook of pathology, levison & Ried, 2008**

Curriculum Skills Map

please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed

				Programme Learning Outcomes															
Year / Level	Course Code	Course Title	Core (C) Title or Option (O**)**	Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A1	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**	**D1**	**D2**	**D3**	**D4**
2nd year	**215s11c**	**Cardiov**	**C**	**x**	**x**	**x**		**X**	**X**	**X**	**x**	**x**				**X**			

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	Al-Kindy college of Medicine
2. University Department/Centre	University of Baghdad
3. Course title/code	Cardiovascular system/215s11c
4. Modes of Attendance offered	Lectures, practical, Seminar, tutorial, SDL and ECE
5. Semester/Year	2nd year/ 2nd semester
6. Number of hours tuition (total)	59hr
7. Date of production/revision of this specification	27-8-2020
Aims of the Course .٧	
The overall aim of the module that the student will be a familiar with the further pursuit of knowledge of theoretical and practical aspects of four main disciplines that are, pathology, pharmacology ,microbiology and Anatomy with the main emphasis given to clinical relevant teaching of these basic sciences in an integrated fashion.	

9· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .

At the end of the module, the student shall be able to:

A1: Familiar with the Anatomy principles needed to understand how the body works.
A2: Understand the types of loads that are applied to biomechanical structures and the principal characteristics of a deformable material;
A3: Understand the basic structure of bone and tissue and have a feel for their respective strengths and stiffness's;

A4:Describe the pathological terms, main pathological tissue phenomena like, inflammation, necrosis and apoptosis.
A5:Describe the basic pharmacological concepts like agonists, antagonists, bioavailability and dosage forms.
A6:Describe the main microbiological concepts in bacteriology, virology and parasitolo

B. The skills goals special to the course.

1:Identify the major pathological types of human tissues.
2:Identify the types of dosage forms of drugs and routes of their administration.
3:Identify the types of bacterial cultures and specify the types of bacteria in these cultures.
4. Applications include biomedical amplifiers and signal recording (e.g. ECG), and electrical stimulators.

5. Improve his main skills with Computer software and application

Teaching and Learning Methods

1-Lectures
2-Practical
3-Seminars
4-Tutorial
5-Early clinical exposure/ ECE
6-Self directory learning / SDL
7. General and Transferable Skills (other skills relevant to employability and personal development)
8. To equip themselves for teamwork.
9. Develop communication skills and etiquette with sense of responsibility

Assessment methods

Knowledge component assessment in form of Theory examination .Skill component assessment through log book assessment and OSPEs Examination
Attitude component assessment by special assessment format

The examinations scheduled at the end of each Module as Progress test and the whole year assessed by the End of Year Examination
C. Affective and value goals C1. C2. C3. C4.
Teaching and Learning Methods
Assessment methods

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
1	15		Anatomy \histology	Theory \practical	Short quiz
2	15		Physiology \embryology	Theory \practical	Short quiz
3	15		Pathology \biochemistry	Theory \practical	Short quiz
4	15		Pathology \pharmacology \bacteriology	Theory \practical	Short quiz

11. Infrastructure	
1. Books Required reading:	1- Clinical anatomy Sneff (8th ed) . 2- Basic pathology (Robbins) 3- Junquiera's Basic histology (12th ed) 2010 4- Jamet's medical microbiology. 5- Kubby – Immunology
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports…).	
B-Electronic references, Internet sites…	

12. The development of the curriculum plan