

*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: 2022-2023
Department Name: Department of pathology & forensic medicine
Name of head of Department: Assistant prof. Dr. Alaa Qasim Yahya
Signature:*

*Dean's Name:
Mohamed Jalal Hussain*

Date : / /

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

Date : / /

*The College Quality Assurance
And University Performance
Manager:*

Aseel Sameer Mohamed

Date : / /

Quality Assurance And University Performance Manager

Date : / /

Signature

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 Baghdad
2. University Department/Centre	Al-Kindy Medical college
3. Program Title	Pathology
4. Title of Final Award	Bachelor in Medicine and General Surgery
5. Modes of Attendance offered	Semesters
6. Accreditation	The Higher Accreditation Program of Iraqi Medical Colleges, supervised by the Ministry of Higher Education and WHO
7. Other external influences	None
8. Date of production/revision of this specification	4-10-2022
9. Aims of the Program	
1. Preparing a student with the ability to link the various clinical aspects of the disease with what has been studied in pathology	
2. Getting acquainted with the various forensic sciences and their importance in serving the community and assisting the judiciary in solving various legal cases of a medical nature	

3. Graduating doctors with a full knowledge to deal with these cases that they face during their medical practice

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Cognitive goals

A1. To understand Correlation between mechanisms underlying disease processes, morphologic (gross, cellular, and ultrastructural), physiologic, and biochemical changes and clinical features and complications of diseases.

A2. Application of basic knowledge and skills in solving clinical problems and interpretation between the morphologic features and pathogenic factors to the common clinical conditions as well as he will develop concepts and sufficient understanding of the subject to be able to pursue post-graduate studies and continuing medical education.

A3. Forensic medicine and toxicology subject is concerned with acquiring students the skills of examining, determining and write a certificate to medico-legal cases.

B. The skills goals special to the program.

B1. Acquire the ability to identify and find appropriate solutions to medical problems.

B2. Understand the role of the pathologists as a member of an integrated medical team responsible for the diagnosis of the medical case, and the identification of the appropriate treatment.

Teaching and Learning Methods

- ١ Lectures.
- ٢ Tutorials & Seminars
- ٣ Early clinical exposure.
- ٤ Practical sessions

Assessment methods

- ١ Written examination
- ٢ Short quizzes
- ٣ Assignment.
- ٤ Formative assessment
- ٥ OSPE.

C. Affective and value goals

C1. To understand the basic concepts of pathology including cell injury, inflammation, repair, hemostasis and neoplasia with pathological features (gross and microscopic) of diseases affecting the hemopoietic, lymphatic, respiratory, cardiovascular, musculoskeletal, gastrointestinal and hepatobiliary systems in the second year.

C2. To understand the pathogenesis and pathological features (gross and microscopic) of diseases affecting the nervous, integumentary, urinary, endocrine

and reproductive systems in the third year

C3. تعليم الطالب كيفية التعامل مع الحالات الطبية العديله التي سيواجهها خلال حياته العملية والتي تشمل علامات الموت وانواع الجروح ومضاعفاتها والحروق اضافه الي بقية انواع الاصابات كالطلق الناري ومعرفة كيفية كتابه التقرير الطبي العدلي الاولي في المرحلة الرابعة

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

D1. Year 2: General pathology, Pathology of hematopoietic System, Pathology of respiratory system, Pathology of cardiovascular system, pathology of Musculoskeletal system, Pathology of GIT including the pancreas and hepatobiliary.

D2. Year 3: Pathology of nervous system, Pathology of urinary system Pathology of Integumentary system, Pathology of endocrine and reproductive systems.

D3. Year 4: Forensic Medicine & clinical pathology.

11. Program Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
2nd year	IDT 201	Introduction to Disease & Therapy	14 lec 16 discussion (credit=2)	Bachelor Degree Requires (268) credits
	HLS 204	Hemopoietic & Lymphatic System	9 lec 3 discussion 6 lab (credit=1)	
	MSK 205	Musculoskeletal System	5 lec 4 discussion (credit=0.6)	
	CVS 210	Cardiovascular	7 lec 4 discussion 4 lab (credit=0.9)	
	RSP 211	Respiratory	7 lec 4 lab (credit=0.6)	
	ENS 302	Endocrine	6 lec 2 discussion 6 lab (credit=0.7)	
Total for 2nd year			48 lec 29 discussion 20 lab (credit=5.8)	
3rd year	NCS 301	Neurosciences	6 lec 4 discussion 4 lab (credit=0.8)	

	GIT 212	GIT, Liver, Biliary & Pancreas	9 lec 4 discussion 6 lab (credit=1.1)
	INS 303	Integumentary	2 lec 2 discussion (credit=0.3)
	REN 307	Renal	7 lec 2 discussion 6 lab (credit=0.8)
	REP 308	Reproductive	8 lec 4 discussion (credit=0.8)
Total for 3rd year			31 lec 16 discussion 16 lab (credit=3.6)
4th year	FMC 403	Forensic Medicine & Clinical Pathology	4 lec/week 2 lab/week (credit=5)
Total for 4th year			4 lec/week 2 lab/week (credit=5)

13. Personal Development Planning

Continuously updating the references and increasing the practical part of learning

14. Admission criteria.

Good knowledge about anatomy, basic histology, physiology and cell biology

15. Key sources of information about the program

Alkindy Medical College
Ministry of Higher Education and Scientific Research

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 Baghdad
2. University Department/Centre	Al-Kindy Medical college
3. Course title/code	Pathology and forensic medicine
4. Modes of Attendance offered	Semesters
5. Semester/Year	Two
6. Number of hours tuition (total)	161 hours (for 2 nd and 3 rd year) pathology 6 hours /week forensic medicine
7. Date of production/revision of this specification	4-10-2022
8. Aims of the Course	
	1. Preparing a student with the ability to link the various clinical aspects of the disease with what has been studied in pathology
	2. Getting acquainted with the various forensic sciences and their importance in serving the community and assisting the judiciary in solving various legal cases of a medical nature

3. Graduating doctors with a full knowledge to deal with these cases that they face during their medical practice

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals.

A1.To understand Correlation between mechanisms underlying disease processes, morphologic (gross, cellular, and ultrastructural), physiologic, and biochemical changes and clinical features and complications of diseases.

A2. Application of basic knowledge and skills in solving clinical problems and interpretation between the morphologic features and pathogenic factors to the common clinical conditions as well as he will develop concepts and sufficient understanding of the subject to be able to pursue post-graduate studies and continuing medical education.

A3. Forensic medicine and toxicology subject is concerned with acquiring students the skills of examining, determining and write a certificate to medico-legal cases.

B. The skills goals special to the course.

B1. Acquire the ability to identify and find appropriate solutions to medical problems.

B2. Understand the role of the pathologists as a member of an integrated medical team responsible for the diagnosis of the medical case, and the identification of the appropriate treatment.

Teaching and Learning Methods

- ١ Lectures.
- ٢ Tutorials & Seminars
- ٣ Early clinical exposure.
- ٤ Practical sessions

Assessment methods

- ١ Written examination
- ٢ Short quizzes
- ٣ Assignment.
- ٤ Formative assessment
- ٥ OSPE.

C. Affective and value goals

C1. To understand the basic concepts of pathology including cell injury, inflammation, repair, hemostasis and neoplasia with pathological features (gross and microscopic) of diseases affecting the hemopoitic, lymphatic, respiratory,

cardiovascular, musculoskeletal, gastrointestinal and hepatobiliary systems in the second year.

C2. To understand the pathogenesis and pathological features (gross and microscopic) of diseases affecting the nervous, integumentary, urinary, endocrine and reproductive systems in the third year

C3. تعليم الطالب كيفية التعامل مع الحالات الطبيه العدليه التي سيواجهها خلال حياته العمليه والتي تشمل علامات الموت وانواع الجروح ومضاعفاتها والحروق اضافه الى بقية انواع الأصابات كالطلق الناري ومعرفة كيفية كتابه التقرير الطبي العدلي الاولي في المرحلة الرابعة

Teaching and Learning Methods

- ١ Lectures.
- ٢ Tutorials & Seminars
- ٣ Early clinical exposure.
- ٤ Practical sessions

Assessment methods

- ١ Written examination
- ٢ Short quizzes
- ٣ Assignment.
- ٤ Formative assessment
- ٥ OSPE.

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

D1. Year 2: General pathology, Pathology of hematopoietic System, Pathology of respiratory system, Pathology of cardiovascular system, pathology of Musculoskeletal system, Pathology of GIT including the pancreas and hepatobiliary.

D2. Year 3: Pathology of nervous system, Pathology of urinary system Pathology of Integumentary system, Pathology of endocrine and reproductive systems.

D3. Year 4: Forensic Medicine & clinical pathology.

10. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
2nd year	30		Introduction to Disease & Therapy	Theory, discussions & practical labs	Essay, OSPE, SCQ,MCQ, Slides, oral and case exam
	18		Hemopoietic & Lymphatic		
	9		Musculoskeletal		
	15		Cardiovascular		
	11		Respiratory		
	14		Endocrine		
3rd year	14		Neurosciences	Theory, discussions & practical labs	Essay, OSPE, SCQ,MCQ, Slides, oral and case exam
	19		GIT, Liver, Biliary and Pancreas		
	4		Integumentary		
	15		Renal		
	12		Reproductive		
4th year	6 hours/week		Forensic Medicine & Clinical Pathology	Theory, discussions & practical labs	Essay,SCQ,MCQ, Slides, oral and case exam

11. Infrastructure	
1. Books Required reading:	Robbins and Cotran Atlas of Pathology Curran color atlas of histopathology. Simpson Forensic Medicine By Bernard Night
2. Main references (sources)	Robbins BASIC PATHOLOGY الطب العدلي وآداب المهنة الطبيه الأستاذ ضياء الموسوي
A- Recommended books and references (scientific journals, reports...).	ROSAI AND ACKERMAN'S SURGICAL Harsh Mohan Textbook of Pathology Seventh Edition: 2015 Essential Hematology A. V. Hoffbrand Sixth Edition وجيز الطب العدلي والسموم للأستاذ طريف سرحان الغريزي
B-Electronic references, Internet sites...	PATHOLOGYOUTLINES.COM WEBPATHOLOGY.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

communication with ministry of health to get familiar with its programs and guidelines