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

Academic Program Specification Form For The Academic

Universitiy: AL-Nahrain
College : medicine
Department : pathology and forensic medicine
Date Of Form Completion : 23/6/2021

Dean's Name
Date : / /
Signature

Dean's Assistant For Scientific Affairs
Date : / /
Signature

Head of Department
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	Medical college
2. University Department/Centre	Al-Nahrain
3. Programme Title	Surgical pathology for 5^{TH} grade
4. Title of Final Award	
5. Modes of Attendance offered	Online and attendance
6. Accreditation	BMCHB
7. Other external influences	NULL
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Programme	
Student able to know role of pathology laboratory in diagnostic process	
Student able to know role of biochemical laboratory in diagnostic process	
Student able to know role of microbiology laboratory in diagnostic process	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding
A1. Know the different pathology investigation and its role in diagnosis
A2. Know the different biobiochemical investigation and its role in diagnosis
A3. Know the different microbiology investigation and its role in diagnosis

B. Subject-specific skills
B1. Ability to interpret investigation in relation to disease
B2.
B3.

Teaching and Learning Methods

Lectures
Workshop
Hospital attachment

Assessment methods

Final exam theory and practical

C. Thinking Skills
C1.analysis of pathological finding to reach diagnosis
C2. analysis of biobiochemical finding to reach diagnosis
C3. analysis of microbiological finding to reach diagnosis

Teaching and Learning Methods

Case scenario
Laboratory training

Assessment methods

Case simulation
Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1.how to approach disease using laboratory diagnosis
D2. How to report pathological findings
D3. How to deal with patient
D4. How to follow up patient using laboratory tests

Teaching and Learning Methods

Hospital attachment
Case scenario

Assessment Methods

Case simulations
Laboratory examination using slide and report writing

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
3rd year	PATSrg-5C	SURGICAL pathology	4.5	Bachelor Degree Requires (x) credits

13. Personal Development Planning
CME activities Workshop Training courses Scientific meetings
14. Admission criteria .
Passing 4TH grade
15. Key sources of information about the programme
Robbins pathological basis of disease Ackermans surgical pathology textbook Muirs textbook of pathology Hoffbrand postgraduate hematology textbook Koss diagnostic cytopathology textbook Emerys genetic textbook Internet pathology website E-books of pathology

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**
3rd year	PATSrg-5C	**Surgical pathology**	**obligatory**	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×

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	Medical college
2. University Department/Centre	Pathology and forensic medicine
3. Course title/code	PATSrg-5C
4. Programme(s) to which it contributes	MBCHB
5. Modes of Attendance offered	ATTENDNECE
6. Semester/Year	5TH GRADE /CLINICAL
7. Number of hours tuition (total)	4.5
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Course	
Student able to know role of pathology laboratory in diagnostic process	
Student able to know role of biochemical laboratory in diagnostic process	
Student able to know role of microbiology laboratory in diagnostic process	

10· Learning Outcomes, Teaching ,Learning and Assessment Methode
A. Knowledge and Understanding A1. Know the different pathology investigation and its role in diagnosis A2. Know the different biobiochemical investigation and its role in diagnosis A3. Know the different microbiology investigation and its role in diagnosis
B. Subject-specific skills B1. Ability to interpret investigation in relation to disease
Teaching and Learning Methods
Lectures Reports Homework Hospital attachment
Assessment methods
Final exam theory and practical
C. Thinking Skills C1.analysis of pathological finding to reach diagnosis C2. Reflecting clinical presentation to possible pathological diagnosis
Teaching and Learning Methods
Case scenario Laboratory training Hospital attachment
Assessment methods
Case simulation Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development) D1. D2. D3. D4.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	15		Diagnostic Histopathological procedures	Lectures and hospital attachment	oral exam
2	15		Diagnostic biochemical procedures	Lectures and hospital attachment	oral exam
3	15		Diagnostic microbiological procedures	Lectures and hospital attachment	oral exam

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Muirs textbook of pathology Robbins pathological basis of disease
Special requirements (include for example workshops, periodicals, IT software, websites)	None
Community-based facilities (include for example, guest Lectures , internship , field studies)	None
13. Admissions	
Pre-requisites	Not department scope
Minimum number of students	Not department scope
Maximum number of students	Not department scope

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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	Medical college
2. University Department/Centre	Al-Nahrain
3. Programme Title	General pathology for 3rd grade
4. Title of Final Award	
5. Modes of Attendance offered	Online and attendance
6. Accreditation	BMCHB
7. Other external influences	NULL
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Programme	
Student able to know definition and scope of pathology	
Relation of pathology to clinical practice	
Classification of pathology to histopathology/hematopathology/cytology	
Diagnostic methods to reach diagnosis	
Etiology and pathogensis of disease	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1. Know the definition of pathology A2.related pathology to clinical presentations A3. Etiology of diseases A4. Pathogensis of diseases A5.prognostic factors A6.
B. Subject-specific skills B1. Slide preparation for histopathology B2. Examinations of gross and microscopical features B3.
Teaching and Learning Methods
Lectures Laboratory demostrations of gross and microscopical samples Reports homeworks
Assessment methods
Mid-term exam Final exam theory and practical Short exams during the course reports
C. Thinking Skills C1.analysis of pathological finding to reach diagnosis C2.comparson different aspect of different diseases C3. Reflecting clinical presentation to possible pathological diagnosis C4.
Teaching and Learning Methods
Case scenario Laboratory training
Assessment methods
Case simulation Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1.how to approach disease using laboratory diagnosis
D2. How to report pathological findings
D3. How to deal with patient
D4. How to follow up patient using laboratory tests

Teaching and Learning Methods

Hospital attachment
Case scenario

Assessment Methods

Case simulations
Laboratory examination using slide and report writing

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
3rd year	Pathpat-31	General pathology	5.5	Bachelor Degree Requires (x) credits

13. Personal Development Planning
CME activities Workshop Training courses Scientific meetings
14. Admission criteria .
Passing 2nd grade
15. Key sources of information about the programme
Robbins pathological basis of disease Ackermans surgical pathology textbook Muirs textbook of pathology Hoffbrand postgraduate hematology textbook Koss diagnostic cytopathology textbook Emerys genetic textbook Internet pathology website E-books of pathology

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**
3rd year	PATpat --31/	**General pathology**	**obligatory**	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×

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	Medical college
2. University Department/Centre	Pathology and forensic medicine
3. Course title/code	**Pathpat-31**
4. Programme(s) to which it contributes	MBCHB
5. Modes of Attendance offered	ONLINE/ATTENDNECE
6. Semester/Year	3RD GRADE /1st term
7. Number of hours tuition (total)	5.5
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Course	
Student able to know definition and scope of pathology	
Relation of pathology to clinical practice	
Classification of pathology to histopathology/hematopathology/cytology	
Diagnostic methods to reach diagnosis	
Etiology and pathogensis of disease	

10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding
A1. Know the definition of pathology
A2.related pathology to clinical presentations
A3. Etiology of diseases
A4. Pathogensis of diseases
A5.prognostic factors

B. Subject-specific skills
B1. . Slide preparation for histopathology
B2. Examinations of gross and microscopical features

Teaching and Learning Methods

Lectures
Laboratory demostrations of gross and microscopical samples
Reports
homeworks

Assessment methods

Mid-term exam
Final exam theory and practical
Short exams during the course
reports

C. Thinking Skills
C1.analysis of pathological finding to reach diagnosis
C2.comparson different aspect of different diseases
C3. Reflecting clinical presentation to possible pathological diagnosis

Teaching and Learning Methods

Case scenario
Laboratory training

Assessment methods

Case simulation
Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development) D1. D2. D3. D4.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	4		Introduction and Diagnostic techniques/ Cell injury	lectures	Short exam
2	4		Intracellular accumulations/ Healing and Repair	lectures	Short exam
3	4		Acute and Chronic inflammation/ Chronic granulomatous inflammation	lectures	Short exam
4	4		Hemodynamic Disturbances	lectures	Short exam
5	4		Genetics	lectures	Short exam
6	4		Neoplasia	lectures	Short exam
7	4		Immunopathology	lectures	Short exam
8-10	12		hematopathology	lectures	Short exam
11	4		Cardiovascular	lectures	Short exam
12	4		respiratory	lectures	Short exam

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Muirs textbook of pathology Robbins pathological basis of disease
Special requirements (include for example workshops, periodicals, IT software, websites)	None

Community-based facilities (include for example, guest Lectures , internship , field studies)	None
13. Admissions	
Pre-requisites	Not department scope
Minimum number of students	Not department scope
Maximum number of students	Not department scope

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Quality Assurance And University Performance Manager
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TEMPLATE FOR PROGRAMME SPECIFICATION

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PROGRAMME SPECIFICATION

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1. Teaching Institution	Medical college
2. University Department/Centre	Al-Nahrain
3. Programme Title	systemic pathology for 3rd grade
4. Title of Final Award	
5. Modes of Attendance offered	Online and attendance
6. Accreditation	BMCHB
7. Other external influences	NULL
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Programme	
Studying systemic pathology	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1. Know the definition of diseases according to systems A2. related pathology to clinical presentations A3. Etiology of diseases A4. Pathogensis of diseases A5.prognostic factors A6. Morphology of disease
B. Subject-specific skills B1. Examinations of gross and microscopical features B2. B3.
Teaching and Learning Methods
Lectures Laboratory demostrations of gross and microscopical samples Reports homeworks
Assessment methods
Mid-term exam Final exam theory and practical Short exams during the course reports
C. Thinking Skills C1.analysis of pathological finding to reach diagnosis C2.comparson different aspect of different diseases C3. Reflecting clinical presentation to possible pathological diagnosis C4.
Teaching and Learning Methods
Case scenario Laboratory training
Assessment methods
Case simulation Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1. how to approach disease using laboratory diagnosis
D2. How to report pathological findings
D3. How to deal with patient
D4. How to follow up patient using laboratory tests

Teaching and Learning Methods

Hospital attachment
Case scenario

Assessment Methods

Case simulations
Laboratory examination using slide and report writing

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
3rd year	Pathpat-32	systemic pathology	4.5	Bachelor Degree Requires (x) credits

13. Personal Development Planning
CME activities Workshop Training courses Scientific meetings
14. Admission criteria .
Passing 2nd grade
15. Key sources of information about the programme
Robbins pathological basis of disease Ackermans surgical pathology textbook Muirs textbook of pathology Hoffbrand postgraduate hematology textbook Koss diagnostic cytopathology textbook Emerys genetic textbook Internet pathology website E-books of pathology

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**
3rd year	PATpat --32/	**systemic patholog y**	**obligatory**	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×

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	Medical college
2. University Department/Centre	Pathology and forensic medicine
3. Course title/code	**Pathpat-32**
4. Programme(s) to which it contributes	MBCHB
5. Modes of Attendance offered	ONLINE/ATTENDNECE
6. Semester/Year	3RD GRADE /2nd term
7. Number of hours tuition (total)	4.5
8. Date of production/revision of this specification	1/6/2019
9. Aims of the Course	
Studying systemic pathology	

10· Learning Outcomes, Teaching ,Learning and Assessment Methode
A- Knowledge and Understanding A1. Know the definition of pathology A2.related pathology to clinical presentations A3. Etiology of diseases A4. Pathogensis of diseases A5.prognostic factors
B. Subject-specific skills B1. . Slide preparation for histopathology B2. Examinations of gross and microscopical features
Teaching and Learning Methods
Lectures Laboratory demostrations of gross and microscopical samples Reports homeworks
Assessment methods
Mid-term exam Final exam theory and practical Short exams during the course reports
C. Thinking Skills C1.analysis of pathological finding to reach diagnosis C2.comparson different aspect of different diseases C3. Reflecting clinical presentation to possible pathological diagnosis
Teaching and Learning Methods
Case scenario Laboratory training
Assessment methods
Case simulation Laboratory exam

D. General and Transferable Skills (other skills relevant to employability and personal development) D1. D2. D3. D4.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1-2	5		GIT	lectures	Short exam
3-4	5		LIVER	lectures	Short exam
5	4		RENAL SYSTEM	lectures	Short exam
6	4		FEMALE SYSTEM	lectures	Short exam
7	3		MALE SYSTEM	lectures	Short exam
8	3		LYMPHORETICULAR SYSTEM	lectures	Short exam
9-10	5		ENDOCRINE SYSTEM	lectures	Short exam
11	3		CNS	lectures	Short exam
12	3		MUSCLO-SKELTAL SYSTEM	lectures	Short exam
13	3		SKIN	lectures	Short exam

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Muirs textbook of pathology Robbins pathological basis of disease
Special requirements (include for example workshops, periodicals, IT software, websites)	None
Community-based facilities (include for example, guest Lectures , internship , field studies)	None
13. Admissions	

Pre-requisites	Not department scope
Minimum number of students	Not department scope
Maximum number of students	Not department scope

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Quality Assurance And University Performance Manager
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1. Teaching Institution	
2. University Department/Centre	
3. Programme Title	
4. Title of Final Award	
5. Modes of Attendance offered	
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	
9. Aims of the Programme	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1. A2. A3. A4. A5. A6.
B. Subject-specific skills B1. B2. B3.
Teaching and Learning Methods
Assessment methods
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

Assessment Methods

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
				Bachelor Degree Requires (x) credits

13. Personal Development Planning
14. Admission criteria .
15. Key sources of information about the programme

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**

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COURSE SPECIFICATION

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1. Teaching Institution	
2. University Department/Centre	
3. Course title/code	
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	
6. Semester/Year	
7. Number of hours tuition (total)	
8. Date of production/revision of this specification	
9. Aims of the Course	

10· Learning Outcomes, Teaching ,Learning and Assessment Methode
A- Knowledge and Understanding A1. A2. A3. A4. A5. A6 .
B. Subject-specific skills B1. B2. B3.
Teaching and Learning Methods
Assessment methods
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.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	
Special requirements (include for example workshops, periodicals, IT software, websites)	
Community-based facilities (include for example, guest Lectures , internship , field studies)	

13. Admissions	
Pre-requisites	
Minimum number of students	
Maximum number of students	