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

University: Al-Anbar

College: College of medicine

Department :medicine

Date Of Form Completion :20/6/2021

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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	College of medicine
2. University Department/Centre	College of medicine
3. Programme Title	Sequential integrated program
4. Title of Final Award	Bachelor's degree in Medicine and General Surgery
5. Modes of Attendance offered	Annual
6. Accreditation	Medical College Accreditation Program
7. Other external influences	WHO
8. Date of production/revision of this specification	20/6/2021

9. Aims of the Programme
1-Graduating distinguished qualified doctors who are able to provide health care in hospitals and outside the community, with great interest in primary health care.
2-Linking education to basic health needs so that the doctor is able to identify and confront the health problems of the community
3- Adopting educational programs that focus on health priorities and primary care axes
4-Adopting long-term continuing education strategies and continuing assessment strategies for physicians
5- adopting partnerships that encourage the development of new technologies to advance medicine

6- Develop partnership with the community on the basis of ensuring its effective contribution to solving its health problems
7-Providing and developing postgraduate programs to qualify highly qualified cadres
8-Establishing an integrated health system in cooperation with the Ministry of Health and the World Health Organization and working on the development of human resources
9-Conducting continuous research programs directed mainly to meet the health problems and needs of the community

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

A1. Studying the anatomy of the human body and the tissues of the body's organs in the normal state, studying the fetal formation and the most important clinical cases associated with fetal malformations

A2. Medical terms and methods of their formulation and use academically and clinically

A3. Molecular, biochemical and cellular mechanisms that maintain basic homeostasis for the body

A4. General and practical foundations of medical physics.

A5. Health behavior and the social and psychological factors that affect and are affected by public health within the framework of the individual, family and society.

A6. The basic principles of genetics and hereditary diseases.

A7. Mechanisms, pathological causes, how to progress the disease and methods of prevention and treatment.

A8. Concepts of health and disease, determinants of health, causes of disease, associated risk factors and prevention.

A9. Principles of pharmacology, drug therapy, mechanisms of action, and indications for the different major drug groups.

A10. The main principles in the management of common and life-threatening diseases, including management, pharmacological and non-pharmacological treatment, follow-up, referral, pain relief and rehabilitation.

A11. Clinical signs of diseases, diagnosis, early detection and proper prevention methods.

A12. The main principles of the study of infection and immunity.

A13. Basic principles of epidemiology, public health, health promotion and preventive medicine.

A14. Planning, management and economics of the local health system (Health Administration).

A15. Principles and applications of scientific research.

A16. Common health problems in Iraq.

A17. Foundations and principles of surgical diseases and methods of patient care before and after surgical operations and rehabilitation.

B. Subject-specific skills

B1. Practical training within educational laboratories and the use of advanced equipment to ensure the progress of the educational process in line with the scientific orientation of the corresponding colleges and the professional and health needs.

B2. Clinical training in educational centers and hospitals, and specialized centers, and integrating the student into community activities such as field visits, with the aim of increasing societal awareness of the role of the doctor and raising the student's awareness of clinical problems in the community.

Teaching and Learning Methods

- Large group teaching
- Small group teaching

• Team based learning • Clinical sessions • Practical sessions • Integrated learning activities • Skill lab sessions • Role play sessions • Attended and online lectures • Regular discussions
Assessment methods
• Formative assessments • Progress assessments • End-modules exam • Final summative exam(Theory and practical or clinical)
B. Thinking Skills C1. How to work with a homogeneous team C2. Taking care and feeling for the patient C3. Equality between patients in terms of gender, race and belief
Teaching and Learning Methods • Small group learning • Practical and clinical sessions
Assessment methods
short, quarterly and final exams

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

D1. Medical profession laws
D2. How does a death certificate work
D3. International police report work
D4. Computer skills

Teaching and Learning Methods

- Practical session
- Small group learning

Assessment Methods

Practical/Clinical(pass-fail) assessment with three trail

11. Programme Structure				12. Awards and Credits
Level/Year 1st level	Course or Module Code	Course or Module Title	Credit rating	Bachelor Degree Requires (x) credits
	MB 2102	Biology	6	120
	MB 2103	Biochemistry	6	120
	MP 2104	Medical physics	5	105
	MA 2101	Anatomy	8	180
	MF 2106	Foundation of Medicine	2	30

	MA1108	Arabic language	30	0
	MC 2205	Computer	90	4
	MH 1107	Human rights and freedoms	30	2
				12. Awards and Credits Bachelor Degree Requires (x) credits
Level/Year 2nd level	Course or Module Code	Course or Module Title	Credit rating	
	MP 2205	Physiology	14	270
	MB 2204	Biochemistry	8	150
	MH 2202	Histology	6	135
	MA 2201	Anatomy	9	210
	ME 2203	Embryology	2	30
				12. Awards and Credits Bachelor Degree Requires (x) credits
Level/Year 3rd level	Course or Module Code	Course or Module Title	Credit rating	
	MP 2305	Pharmacology	8	150

	MM 2306	Microbiology	7	135
	MP 2307	Parasitology	6	120
	MP 2304	Pathology	5.5	105
	MC 2302	Community Medicine	3	60
	MM 2303	Medicine	5	105
	MS 2301	Surgery	2	30
				12. Awards and Credits
Level/Year 4th level	Course or Module Code	Course or Module Title	Credit rating	Bachelor Degree Requires (x) credits
	MP 2403	Pathology	5.5	105
	MC 2404	Community medicine	10	210
	ME 2407	Medical ethics	2	30
	MO 2406	Obstetrics	8	165
	MF 2402	Forensic medicine	6	120

	MM 2401	Medicine	12	225
	MS 2405	Surgery	9	180
				12. Awards and Credits
Level/Year 5th level	Course or Module Code	Course or Module Title	Credit rating	Bachelor Degree Requires (x) credits
	MP 2509	Psychiatrics	4	75
	MD 2504	Dermatology	3	60
	MO 2503	Otolaryngology	3	60
	MO 2502	Ophthalmology	3	60
	MM 2508	Medicine	9	180
	MS 2501	Surgery	8	140
	MR 2505	Radiology	3	60
	MG 2507	Gynecology	5	90
	MP 2506	Pediatric	6	120

				12. Awards and Credits Bachelor Degree Requires (x) credits
Level/Year 6th level	Course or Module Code	Course or Module Title	Credit rating	
12	**MM 2601**	Medicine	12	360
12	**MS 2602**	Surgery	12	360
10	**MO 2603**	Obstetrics &Gynecology	10	300
10	**MP 2604**	Pediatrics	10	300

13. Personal Development Planning

Follow global developments and modern sources

14. Admission criteria .

- Adopting the admission requirements for students in accordance with the instructions of the Ministry of Higher Education and Scientific Research (central admission).
- Approval of the personal interview for the students by the Dean of the College and the assistants.
- To be fit for a medical examination
- Student average in high school
- The absorptive capacity of the college

15. Key sources of information about the programme

- Curriculum
- The priorities of the office of the scientific assistant lady
- The priorities of the Quality Assurance Division in the college
- Recording unit

Curriculum Skills Map

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

Year / Level	Course Code	Course Title	Core (C) Title or Option(O)	Programme Learning Outcomes															
				Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
1st level				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
	MB 2102	Biology	C	√	√	√	√	√	√			√				√			
	MB 2103	Biochemistry	C	√	√	√	√	√				√							
	MP 2104	Medical physics	C	√	√	√		√	√			√							
	MA 2101	Anatomy	C	√	√	√	√	√				√							
	MF 2106	Foundation of Medicine	C	√	√		√	√				√							
	MA1108	Arabic language	C	√	√														
	MC 2205	Computer	**C**	√	√	√		√	√	√	√	√				√	√		
	MH 1107	Human rights and freedoms	**C**	√	√			√	√	√	√					√			
Year / Level	Course Code	CourseTitle	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			
2nd level				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
	MP 2205	Physiology	**C**	√				√	√			√				√			
	MB 2204	Biochemistry	**C**	√				√				√				√			
	MH 2202	Histology	**C**	√				√											

	MA 2201	Anatomy	**C**	√	√			√	√			√							
	ME 2203	Embryology	**C**	√				√	√			√							
Year / Level 3rd level	Course Code	CourseTitle	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**
	MP 2305	Pharmacology	**C**	√				√	√										
	MM 2306	Microbiology	**C**	√				√	√										
	MP 2307	Parasitology	**C**	√	√			√	√			√							
	MP 2304	Pathology	**C**	√	√			√	√			√							
	MC 2302	Community Medicine	**C**	√	√	√		√	√			√	√	√					
	MM 2303	Medicine	**C**	√				√	√										
Year / Level 4th level	Course Code	CourseTitl	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**
	MP 2403	Pathology	**C**	√				√	√			√							
	MC 2404	Community medicine	**C**	√				√				√				√			
	ME 2407	Medical ethics	**C**	√	√	√	√	√											
	MO 2406	Obstetrics	**C**	√				√				√	√						
	MF 2402	Forensic	**C**	√				√	√	√	√	√				√			

Year / Level	Course Code	CourseTitl	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
		medicine																	
	MM 2401	medicine	C	√				√	√			√	√						
	MS 2405	Surgery	C	√				√	√			√							
5th level																			
	MP 2509	Psychiatrics	C	√								√							
	MD 2504	Dermatology	C	√				√	√			√							
	MO 2503	Otolaryngology	C	√				√	√			√	√						
	MO 2502	Ophthalmology	C	√				√	√			√	√						
	MM 2508	medicine	C	√	√			√	√			√	√						
	MS 2501	Surgery	C	√				√	√	√		√	√						
	MR 2505	Radiology	C	√				√	√	√		√	√						
	MG 2507	Gynecology	C	√	√	√		√	√			√							
	MP 2506	Pediatric	C	√				√	√			√	√						
Year / Level	Course Code	CourseTitl	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
6th level																			
	MM 2601	medicine	C	√				√	√			√	√	√	√				
	MS 2602	Surgery	C	√				√	√			√							
	MO 2603	Obstetrics	C	√				√	√			√	√	√	√				

	&Gynecology																		
MP 2604	Pediatrics	**C**	√				√	√			√	√	√	√					
MM 2601	medicine	**C**	√				√	√			√	√	√	√					
MS 2602	Surgery	**C**	√				√	√			√								
MO 2603	Obstetrics &Gynecology	**C**	√				√	√			√	√	√	√					

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 Anbar / College of Medicine
2. University Department/Centre	College of Medicine
3. Course title/code	Medical biology
4. Programme(s) to which it contributes	Bachelor of Medicine and General Surgery (M.B.Ch.B.)
5. Modes of Attendance offered	Attendance and electronic
6. Semester/Year	First stage of college of medicine
7. Number of hours tuition (total)	60 hours theory + 60 hours practical
8. Date of production/revision of this specification	9 / 6 / 2021

9. Aims of the Course

To learn about the structure and function of human cells that consist the tissues of the body

to study general tissues and molecular genetics

Study of the general tissues of the body epithelial tissue , connective tissue , muscle tissue and the nervous tissue that it consist of the human body and study using light microscope

Study of cellular structures and organelles , study of chemical composition , study of diseases related to those organelles , cell division and meiosis

Study of genetic genes in nucleic acids , study of the mechanisms of genetic mutations and error repair systems , as well as studying methods of transmission of genetic information

10· Learning Outcomes, Teaching , Learning and Assessment Method

A- Knowledge and Understanding

A1. Understand the cell , its structure , functions , arrangement , and various shapes

A2. Understand genetics , gene expression methods , building proteins important in cell life

A3. study and understand general tissues

A4.

A5.

A6 .

B. Subject-specific skills

B1. Learn about the parts of a microscope and how to use a microscope

B2. Knowing the structure of cells and tissues

B3. Understand DNA and the mechanism of genetic mutations

Teaching and Learning Methods

The theoretical subject , the student receives scientific information through lectures by electronic learning , while the practical subject is attendance of students and conducting experiments and scientific methods as well as electronically

Assessment methods

Quiz

Semester exam and final exam

Writing specialized scientific reports by students

Asking some important questions to the students

C. Thinking Skills

C1. Brainstorming

C2. reports

C3. Discussion

C4. The student's ability to analyze information within the biology subject

The student's ability to think and be creative

Providing the student with the ability to solve problems

Teaching and Learning Methods

The theoretical subject , the student receives scientific information through lectures by electronic learning , while the practical subject is attendance of students and conducting experiments and scientific methods as well as electronically

Assessment methods

Quiz

Semester exam and final exam

Writing specialized scientific reports by students

Asking some important questions to the students

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

D1. Being reliable and dependable

D2. Getting along with and working well with other people

D3. A willingness to learn new skills , whether those are job-specific or more general

D4. Problems solving and work ethic

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2		**Introduction**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
2	2		**Cellular organization**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
3	2		**Shapes of the cells**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
4	2		**Organelles 1**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
5	2		**Organelles 2**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
6	2		**Chemical composition of the cells**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
7	2		**Homeostasis and reproduction**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
8	2		**The cell cycle**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students

9	2	**mitosis**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
10	2	**meiosis**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
11	2	**Cell aging**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
12	2	**Apoptosis**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
13	2	**Bacteria**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
14	2	**Immunology and cancer biology**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
15	2	**General tissues**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
16	2	**Epithelial tissues Simple and stratified Epithelial tissues**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
17	2	**Glandular epithelia**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
18	2	**Connective tissue proper**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
19	2	**blood**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
20	2	**Bones and cartilages**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students

21	2	**Muscular tissue**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
22	2	**Nervous tissue**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
23	2	**Molecular Biology**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
24	2	**DNA replication**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
25	2	**DNA repair system**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
26	2	**Mutations**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
27	2	**Gene expression**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
28	2	**PCR , Genetic engineering in medical application**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
29	2	**Gel electrophoresis**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students
30	2	**Gene cloning**	Electronic learning	Quiz Semester exam and final exam Writing specialized scientific reports by students Asking some important questions to the students

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**Human Biology by Sylvia mader** **General Histology** **Molecular Biology**
Special requirements (include for example workshops, periodicals, IT software, websites)	Use new programs that contain update information, and visit other college to take or learn new technique that help in reach the information for students. using of computer to assess the information
Community-based facilities (include for example, guest Lectures , internship , field studies)	Visits from students of the corresponding colleges or those that study medical biology. In addition to scientific trips for secondary school students

13. Admissions	
Pre-requisites	A graduate of a scientific preparatory student
Minimum number of students	150
Maximum number of students	500

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 Anbar \ College of medicine
2. University Department/Centre	College of medicine
3. Course title/code	Histology
4. Programme(s) to which it contributes	Bachelor of Medicine and General Surgery (M.B.Ch.B.)
5. Modes of Attendance offered	Attendance and electronic
6. Semester/Year	Second stage of College of medicine
7. Number of hours tuition (total)	60 hours theory + 90 hours practical
8. Date of production/revision of this specification	9 / 6 / 2021

9. Aims of the Course

Understanding and seeing the histological structure of the different organs in the human body

Study of the composition of blood , its cells and stages of formation

Histological study of the body's systems

Study of the sensory organs

10· Learning Outcomes , Teaching , Learning and Assessment Method

A- Knowledge and Understanding

A1. The student's understanding of the tissue structure of each organ of the body in the different organs in order to reach any pathological difference that occur in its composition

A2.

A3.

A4.

A5.

A6 .

B. Subject-specific skills

B1. The student learn how to cut tissue and prepare slides to study organs

B2.

B3.

Teaching and Learning Methods

attendance or direct electronically with students and explanation on PowerPoint for the theoretical subject , then practical training on slides and microscopes

Assessment methods

Quiz

Semester exam

final exam

C. Thinking Skills

C1. Brainstorming

C2. reports

C3. Discussion

C4.

Teaching and Learning Methods

attendance or direct electronically with students and explanation on PowerPoint for the theoretical subject , then practical training on slides and microscopes

Assessment methods

Quiz

Semester exam

final exam

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

D1. Being reliable and dependable

D2. Getting along with and working well with other people

D3. A willingness to learn new skills , whether those are job-specific or more general

D4. Problems solving and work ethic

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1 , 2	4		Hematopoietic and blood	Electronic learning (theory)	Semester exam \ final exam \ Quiz
3 , 4	4		Cardiovascular system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
5 , 6	4		Lymphatic system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
7 , 8	4		Nervous system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
9 , 10	4		Skin	Electronic learning (theory)	Semester exam \ final exam \ Quiz
11 , 12	4		Respiratory system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
13 ,14 , 15	6		Digestive system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
16	2		Gland of GIT	Electronic learning (theory)	Semester exam \ final exam \ Quiz
17, 18	4		Revision and exam	Electronic learning (theory)	Semester exam \ final exam \ Quiz
19 , 20	4		Urinary system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
21 , 22	4		Male Reproductive system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
23 , 24	4		Female Reproductive system	Electronic learning (theory)	Semester exam \ final exam \ Quiz
25 , 26	4		Endocrine	Electronic learning (theory)	Semester exam \ final exam \ Quiz
27 , 28	4		Organs of special senses	Electronic learning (theory)	Semester exam \ final exam \ Quiz
29 , 30	4		Revision and exam	Electronic learning (theory)	Semester exam \ final exam \ Quiz

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**Basic histology** **Human histology T.B**
Special requirements (include for example workshops, periodicals, IT software, websites)	Use new programs that contain update information, and visit other college to take or learn new technique that help in reach the information for students.
Community-based facilities (include for example, guest Lectures , internship , field studies)	Visits from students of the corresponding colleges or those that study histology. In addition to scientific trips for secondary school students

13. Admissions	
Pre-requisites	A graduate of a scientific preparatory student
Minimum number of students	170
Maximum number of students	259

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COURSE SPECIFICATION

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1. Teaching Institution	University of Anbar / College of Medicine
2. University Department/Centre	College of Medicine
3. Course title/code	Embryology
4. Programme(s) to which it contributes	Bachelor of Medicine and General Surgery (M.B.Ch.B.)
5. Modes of Attendance offered	Electronic
6. Semester/Year	Second stage of college of medicine
7. Number of hours tuition (total)	30 hours theory
8. Date of production/revision of this specification	9 / 6 / 2021

9. Aims of the Course

Study of the basics in which the fetus is formed and from which cell divisions are produced

How ova and sperm are formed

The structure of the male and female reproductive system

Teaching the student the stages of embryo formation

Study of the abnormal cases of the formation of organs

10· Learning Outcomes, Teaching , Learning and Assessment Method

A- Knowledge and Understanding

A1. Know the basics of the formation of the fetus during pregnancy, in addition to the abnormal cases

A2.

A3.

A4.

A5.

A6 .

B. Subject-specific skills

B1. Understanding and researching organogenesis and the causes of teratogenicity in genetic and other cases

B2.

B3.

Teaching and Learning Methods

Attendance direct electronic with students and explanation on PowerPoint for the theoretical subject

Assessment methods

Quiz

Semester exam

final exam

C. Thinking Skills

C1. Brainstorming

C2. reports

C3. Discussion

C4.

Teaching and Learning Methods

Attendance direct electronic with students and explanation on PowerPoint for the theoretical subject

Assessment methods

Quiz

Semester exam

final exam

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

D1. Being reliable and dependable

D2. Getting along with and working well with other people

D3. A willingness to learn new skills , whether those are job-specific or more general

D4. Problems solving and work ethic

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1 , 2	2		Introduction , The anatomical structure of the reproductive system	electronic learning (theory)	Quiz Semester exam final exam
3 , 4 , 5	3		first week of pregnancy , The second week of pregnancy , The third week of pregnancy	electronic learning (theory)	Quiz Semester exam final exam
6 , 7	2		3rd – 8 week Embryonic period	electronic learning (theory)	Quiz Semester exam final exam
8 , 9 , 10	3		Third month of fetal period to birth , placenta	electronic learning (theory)	Quiz Semester exam final exam
11	1		Teratogenicity	electronic learning (theory)	Quiz Semester exam final exam
12 -30	19		formation of body systems	electronic learning (theory)	Quiz Semester exam final exam

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**Longman human embryology**
Special requirements (include for example workshops, periodicals, IT software, websites)	Use new programs that contain update information, and visit other college to take or learn new technique that help in reach the information for students
Community-based facilities (include for example, guest Lectures , internship , field studies)	Visits from students of the corresponding colleges or those that study embryology. In addition to scientific trips for secondary school students

13. Admissions	
Pre-requisites	A graduate of a scientific preparatory student
Minimum number of students	170
Maximum number of students	259

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	Ministry of higher education
2. University Department/Centre	Collage of medicine
3. Course title/code	Human anatomy
4. Programme(s) to which it contributes	Bachelor of Medicine and General Surgery
5. Modes of Attendance offered	Personal attendance
6. Semester/Year	Second stage of collage of medicine
7. Number of hours tuition (total)	60 hour theory + 120 hour practical
8. Date of production/revision of this specification	7/6/2021

9. Aims of the Course

Identifying the anatomical position and location of the vital organs in the human body
studying the parts and organs of the body.
Identify the organ and its host in the body by movement or secretion and others.
Determining the normal state, the abnormal state, according to the function of each part of the body

10 Learning Outcomes, Teaching ,Learning and Assessment Methode

A. Knowledge and Understanding
A1. Anatomy of the human body
A2. Function of organs or systems
A3. Surface anatomy of organs
A4. Clinical anatomy
A5.
A6.

B. Subject-specific skills
B1 The student learns the structure of the body from muscles, bones, organs
B2. movement or function of each structure
B3. distinguishing and diagnosing abnormal conditions.

Teaching and Learning Methods

attendance or direct electronically PowerPoint for the theoretical subject, then practical training on cadavers or laboratory models.

Assessment methods

Quizzes
Midterm exam
Final exam

C. Thinking Skills
C1.
Brainstorming
C2. reports
C3. Discussion
C4.

Teaching and Learning Methods

attendance or direct electronically PowerPoint for the theoretical subject, then practical training on cadavers or laboratory models.

Assessment methods

Quizzes
Midterm exam
Final exam

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

D1. **Being reliable and dependable**

D2. **Getting along with and working well with other people**

- D3. **A willingness to learn new skills**, whether those are job-specific or more general.

D4. Problems solving and work ethic

11. Course Structure

Week	Hours	ILOs	Unit Module or Topic Title	Teaching Method	Assessment Method
1-12	14 weekly		Head and neck	Meet attendance + personal attendance	Quizzes- midterm +final examination
13-17	14 weekly		CNS	Meet attendance + personal attendance	Quizzes+ midterm +final examination
18	14 weekly		Abdominal wall	Meet attendance + personal attendance	Quizzes+ midterm +final examination
19-25	14 weekly		Abdominal cavity	Meet attendance + personal attendance	Quizzes+ midterm - final examination
26-29	14 weekly		pelvic	Meet attendance + personal attendance	Quizzes+ midterm +final examination
30	14 weekly		Perineum	Meet attendance + personal attendance	Quizzes+ midterm +final examination

12. Infrastructure

Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**Snell clinical anatomy** **Netter atlas anatomy** **Neuroanatomy**
Special requirements (include for example workshops, periodicals, IT software, websites)	Use new programs that contain update information, and visit other country if possible or local collage to take or learn new technique that help in reach the information for students.
Community-based facilities (include for example, guest Lectures , internship , field studies)	Visits from students of the corresponding colleges or those that study anatomy. In addition to scientific trips for middle school students

13. Admissions

Pre-requisites	A graduate of a scientific or biological preparatory student
Minimum number of students	50
Maximum number of students	150

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 Anbar /college of medicine
2. University Department/Centre	Department of chemistry and biochemistry
3. Course title/code	Medical biochemistry
4. Programme(s) to which it contributes	biochemistry
5. Modes of Attendance offered	Personal attendance
6. Semester/Year	second stage of college of medicine
7. Number of hours tuition (total)	90 hours theory + 60 hours practical
8. Date of production/revision of this specification	8/8/2022

9. Aims of the Course

Teach students the principles of general chemistry
Giving students skills in the practical chemistry

- Active participation in the classroom is a guide to the student's commitment and responsibility.
- Meet the deadline for submitting duties and research.
- Quarterly and final tests reflect commitment, cognitive achievement and knowledge.

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

D1. Developing the student's ability to deal with chemicals.

D2 Develop the student's ability to deal with lab safety.

D3 Developing the student's ability to deal with chemical problems.

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3	Clinical chemistry	**Clinical enzymology**	lecture	Formative test
2	3	Clinical chemistry	**Clinical enzymology**	lecture	Formative test
3	3	Clinical chemistry	**Antioxidants**	lecture	Formative test
4	3	Clinical chemistry	**Antioxidants**	lecture	Formative test
5	3	Clinical chemistry	**Vitamins**	lecture	Formative test
6	3	Clinical chemistry	**Vitamins**	lecture	Formative test
7	3	Clinical chemistry	**Vitamins**	lecture	Formative test
8	3	Clinical chemistry	**Metabolism of trace elements**	lecture	Formative test
9	3	Clinical chemistry	**Metabolism of trace elements**	lecture	Formative test
10	3	Clinical chemistry	**bioenergy**	lecture	Formative test
11	3	Clinical chemistry	**Carbohydrates**	lecture	Formative test
12	3	Clinical chemistry	**Carbohydrates**	lecture	Formative test
13	3	Clinical chemistry	**Carbohydrates**	lecture	Formative test
14	3	Clinical chemistry	**Carbohydrates**	lecture	Formative test

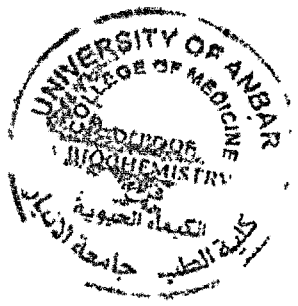
15	3	Clinical chemistry	**Carbohydrates**	lecture	Formative test
16	3	Clinical chemistry	**lipids**	lecture	Formative test
17	3	Clinical chemistry	**lipids**	lecture	Formative test
18	3	Clinical chemistry	**lipids**	lecture	Formative test
19	3	Clinical chemistry	**Lipids**	lecture	Formative test
20	3	Clinical chemistry	**Amino acids**	lecture	Formative test
21	3	Clinical chemistry	**Amino acids**	lecture	Formative test
22	3	Clinical chemistry	**Amino acids**	lecture	Formative test
23	3	Clinical chemistry	**nucleic acids**	lecture	Formative test
24	3	Clinical chemistry	**nucleic acids**	lecture	Formative test
25	3	Clinical chemistry	**nucleic acids**	lecture	Formative test
26	3	Clinical chemistry	**Hormones**	lecture	Formative test
27	3	Clinical chemistry	**Hormones**	lecture	Formative test
28	3	Clinical chemistry	**Hormones**	lecture	Formative test
29	3	Clinical chemistry	**Digestion and absorption**	lecture	Formative test
30	3	Clinical chemistry	**Kidney and liver functions tests**	lecture	Formative test

12. Infrastructure

Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Harpers Lippincottes illustrated biochemistry
Special requirements (include for example workshops, periodicals, IT software, websites)	Biomedical

Community-based facilities (include for example, guest Lectures , internship , field studies)		

13. Admissions	
Pre-requisites	
Minimum number of students	30
Maximum number of students	100



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 Anbar /college of medicine
2. University Department/Centre	Department of surgery
3. Course title/code	surgery/MS 2301
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	**Blended Learning**
6. Semester/Year	5th year
7. Number of hours tuition (total)	45
8. Date of production/revision of this specification	1/10/2021

9. Aims of the Course

Teach students the principles of general surgery and urology and enable them to apply them safely.

Inform the Students the art and science of surgery.

Giving students skills in the principles of surgery

Directing students to focus on the importance of patient care and support

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	Anbar University-Medical college
2. University Department/Centre	Microbiology
3. Course title/code	Parasitology / MP2307
4. Programme(s) to which it contributes	
5 Modes of Attendance offered	official working
6 Semester/Year	Year
7 Number of hours tuition (total)	52
8. Date of production/revision of this specification	1/11/2022

9. Aims of the Course

1- Enable students to understand the basic terms of parasitology.
2- Giving students the ability to know different species of pathogenic parasites.
3- Understand how the parasites cause diseases and how can the students diagnose and prevent these pathogens.
4- understand the transmission and treatment for these pathogens.

10· Learning Outcomes, Teaching, Learning and Assessment Methods

A- Knowledge and Understanding

A1- Explain and define the basic terms of parasitology.

A2- The student should be able to define different species of parasites that infect human.

A3- To explain how the parasites cause disease and give correct diagnosis and treatment for these pathogens.

A4- List the clinical forms of different diseases caused by different parasites.

B. Subject-specific skills

B1-Student be able to describe and diagnose the diseases caused by parasites.

B 2- To acquire the skill of identifying of parasites and their disease.

B 3- Explain the specific and none specific signs for different parasitic diseases.

B 4- Understanding how the parasites transmitted to human and to prevent them.

B 5- Give outcomes of parasitic infections on human.

Teaching and Learning Methods

1-Theoretical lectures including explanations, pictures and tables.
2- Showing films about these parasites' life cycle.
3- Presentation of pictures, glass slides.

Assessment methods

1- Short exams and feedback from students answer and opinions.
2- Semester exams.
3- Daily assessments through attendance and discussions.
4- Final practical and theoretical exams.

C. Thinking Skills

C1- Asking questions and brainstorming.

C 2 - Discussing parasites morphology, life cycle and diseases in small groups.

C3 - Exams include questions that combine more than one idea to enrich the student's mental ability.

Teaching and Learning Methods

Assessment methods

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	Anbar University-Medical college
2. University Department/Centre	Pharmacology
3. Course title/code	
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	official working
6. Semester/Year	3rd Year
7. Number of hours tuition (total)	90
8. Date of production/revision of this specification	15/10/2021

9. Aims of the Course

1- Enable students to understand the A basic background in pharmacology.
2- Giving students the ability to know the drugs work to produce their therapeutic effects to ameliorate or cure diseases
3- Understand the drugs are administered, absorbed, metabolized and excreted .
4- Understand the drugs produce intended and often undesirable effects

10· Learning Outcomes, Teaching ,Learning and Assessment Methods

A- Knowledge and Understanding

A1- Explain and define the basic terms of pharmacology..

A2- The student should be able to how the basic principles of pharmacology are integral to effective diagnosis, prevention and treatment of different diseases.

A3- Opportunities to work in teams to begin to develop an approach to evaluate clinical cases to determine the therapeutics of different diseases and to formulate an appropriate treatment

A4- 1.Communicate with the patient regarding optimal use of drug therapy, devices and storage of medicines.

B. Subject-specific skills

B1- Follow the drug treatment guidelines laid down for common diseases including those covered under the national Health Programmes and emergency medical conditions and be capable of initiating and monitoring the treatment, recording progress and assessing the outcome.

B 2- Appreciate the relationship between cost of treatment and patient compliance.

B 3- Exercise caution in prescribing drugs likely to produce dependence and recommend the line of management..

B 4- Understand the legal and ethical aspects of prescribing drugs.

B 5- Evaluate the ethics, scientific procedures, social and legal implications

involved in the development and introduction of new drugs.

Teaching and Learning Methods

1-Theoretical lectures including explanations, pictures and tables.
2- Showing films and discussing sick cases collectively.
3- Presentation of pictures, glass slides, and real models of the diseased cases.
4- The possibility of making visits to educational hospitals to inspect the branches of diseases and equipment therein.

Assessment methods

1- Short exams and feedback from students answer and opinions,
2- Semester exams.
3- Daily assessments through attendance and discussions.
4- Final practical and theoretical exams.

C. Thinking Skills

C1- Asking questions and brainstorming.
C 2 - Discussing disease cases in small groups.
C3 - Exams include questions that combine more than one idea to enrich the student's mental ability.

Teaching and Learning Methods

Assessment methods

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

D1- Acquiring and maintaining the skill of using and maintaining laboratory equipments.
D2 - Developing the student's ability to deal with multiple means.
D 3- Developing the student's ability to dialogue and discuss.

11. Course Structure

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

1	3	Pharmacokinetics & Pharmacodynamics	Lectures &lab	Short exam
2	3	Pharmacokinetics & Pharmacodynamics	Lecture	Short exam
3	3	Drug Interactions, Adverse Drug Reactions and Antidotes	Lecture	Short exam
4	3	Autonomic Pharmacology	Lecture	Short exam
5	3	Autonomic Pharmacology	Lecture	Short exam
6	3	Autonomic Pharmacology	Lecture	Short exam
7	3	Drugs of Cardiovascular system	Lecture	Short exam
8	3	Drugs of Cardiovascular system	Lecture	Short exam
9	3	Drugs of Cardiovascular system	Lecture	Short exam
10	3	Drugs of Cardiovascular system	Lecture	Short exam
11	3	Antimicrobial Drugs	Lecture	Short exam
12	3	Antimicrobial Drugs	Lecture	Short exam
13	3	Antimicrobial Drugs	Lecture	Short exam
14	3	Antimicrobial Drugs	Lecture	Short exam
15	3	Drugs of Respiratory system	Lecture	Short exam
15	2	1st term exam	1st term exam	1st term exam
16	3	Drugs of G.I.T.system	Lecture	Short exam
16	3	Drugs of C.N.S	Lecture	Short exam
17	3	Drugs of C.N.S	Lecture	Short exam
18	3	Drugs of C.N.S	Lecture	Short exam
19	3	Drugs of C.N.S	Lecture	Short exam
20	3	Drugs of C.N.S	Lecture	Short exam
21	3	Drugs of C.N.S	Lecture	Short exam
22	3	Drugs of C.N.S	Lecture	Short exam
23	3	Drugs of Endocrine	Lecture	Short exam

		system		
24	3	Drugs of Endocrine system	Lecture	Short exam
25	3	Drugs of Endocrine system	Lecture	Short exam
26	3	Drugs of Endocrine system	Lecture	Short exam
27	3	Hematological Drugs	Lecture	Short exam
28	2	Autacoids drugs	Lecture	Short exam
29	2	Anticancer Drugs	Lecture	Short exam
30	2	2nd term exam	2nd term exam	2nd term exam

12. Infrastructure

Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**1- Lippincott's Illustrated Reviews: Pharmacology .** **2- McGraw-Hill, Bertram G. Katzung: Basic and Clinical Pharmacology.**
Special requirements (include for example workshops, periodicals, IT software, websites)	**Clinical Pharmacology - St George's, University of London**
Community-based facilities (include for example, guest Lectures , internship , field studies)	**Essential of Medical Pharmacology By Majid A.Lafi**

13. Admissions

Pre-requisites	
Minimum number of students	60
Maximum number of students	130

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 al-anbar
2. University Department/Centre	College of medicine
3. Course title/code	
4. Programme(s) to which it contributes	Fourth stage
5. Modes of Attendance offered	Theoretical lectures and clinical attendance
6. Semester/Year	2021-2022
7. Number of hours tuition (total)	
8. Date of production/revision of this specification	1\10\2021

9. Aims of the Course

Theoretical skills:

1.To understand commonly used terms in obstetrics

2. To have knowledge of normal pregnancy, labour & puerperium, their abnormalities and how to manage them.

3.To be familiar with the definitions & concepts of obstetric diseases & complications and their managements

4.To have knowledge of medical diseases complicating pregnancy and their managements.

Practical skills:

1.To be able of taking comprehensive obstetric history

2.To be able to communicate with patients of different

educational levels
3.To have practical skills of obstetric examination
4. To conduct appropriate investigations and proper interpretation of the results.

10· Learning Outcomes, Teaching ,Learning and Assessment Methode
A - Knowledge and understanding: identifying the diseases that face the family and society in general and females in particular that affect fertility, pregnancy and childbirth, and identifying the techniques used in the treatment of gynecological diseases and infertility diseases
b- Subject-specific skills Training students on clinical cases in specialized hospitals. Training on real clinical cases or testing equipment in the Clinical Skills Laboratory.
Teaching and Learning Methods1- Lectures, 2- Data show, 3- The regular blackboard, 4- Direct explanation and communication with students. As well as clinical training, recording lectures in video form, conducting an electronic exam, and following up on student reports in the electronic class during the Corona pandemic
Assessment methods
Quizzes and short exams, questions and discussions in the lecture, absences, the final exam.Practical: class exam, activity, practical exams, clinical training exams
Teaching and Learning Methods

D. General and Transferable Skills (other skills relevant to employability and personal development)
1- The ability to deal with work environment problems, 2- Correct identification of problems and the ability to find solutions to them, 3- Evaluating, using and improving work mechanisms, 4- Determining appropriate work standards, 5- Developing the spirit of cooperation and teamwork as one team

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2		Maternal physiology	Google meet	Short assays ,single choice ,matching,discussion
2	2		Antenatal fetal monitoring	=	=
3	2		fetal monitoring during labour	=	=
4	2		Fetal growth restriction	=	=
5	3		Hypertensive disorder during pregnancy	=	=
6	2		Heart disease during pregnancy	=	=
7	2		Fetal hydrops and Rh incompatibility	=	=
8	1		GIT and liver disease during pregnancy	=	=
9	1		Drugs during pregnancy and lactation	=	=

Practical: Number of lessons per week 1practical lessons of two hours per lesson Number of totals 3 groups during the school year

No.	Item	Objectives
1st week	Obstetric history	1.To be able to communicate with patients of different educational level with respect and flexibility. 2.To take a proper comprehensive obstetric history. 3. To evaluate risk factors present in the history.
2nd week	Examination	1.To be able to undertake general examination . 2.To be able to examine vital signs with understanding their physiological changes during pregnancy.

		3.To be able to undertake abdominal examination of pregnant woman. 4.To be able to undertake pelvic examination .
3rd week	Antenatal care	1.To understand the concept of high risk pregnancy. 2.To know the frequency of antenatal visits in low risk and high risk pregnancy. 3.To know the investigations of the booking visit and when to repeat them 4.To understand the concept of dating ultrasound scan, its timing and its other benefits. 4.To understand the concept of congenital anomalies ultrasound scan, its timing and its other benefits.
4th week	Normal labour	1.To understand how to diagnose labour by history and clinical examination. 2.To know the stages of labour. 3.To be able to assess uterine contractions by abdominal examination. 4.To understand normal and abnormal partogram . 5.To know active management of third stageof labour .
5th week	Intrapartum Fetal monitoring	1.To know the types of fetal monitoring during labour. 2.To have the skill of fetal heart assessment by sonic aid. 3.To be able to interpret cadiotocograph results.
6th week	Antepartum haemrrhage	1.To know major causes of antepartum haemorrhage. 2.To know important risk factors by history taking. 3. To be able to differentiate between major causes by clinical examination. 4.To be able to do first lines of management of obstetric haemorrhage.
7th week	Hypertensive disorders in pregnancy	1.To be able to do proper blood pressure estimation. 2.To be able to diagnose hypertension in pregnancy. 3.To undertake physical examination in hypertensive women with ability to identify physical signs of sever pre-eclampsia. 4.To be able to conduct proper investigation and interpretation of the results.
8th week	Caesarean section	1.To know the types of Caesarean section and its indications. 2.To know possible complications. 3.To undertake proper postoperative examination .
9th week	Postpatum haemorrhage	1.To know possible risk factors. 2.To be able to do first line management of this emergency situation. 3.To be able to do maneuvers to treat uterine atony.
10th week	Puerperium	1.To be able perform proper abdominal examination to assess uterine involution. 2.To be able to perform proper breast examination and differentiate clinically between breast engorgement and mastitis. 3.To undertake proper examination for leg deep vein thrombosis.

12. Infrastructure

Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**1-Obstetrics by Ten Teachers.** **2-Gynaecology by Ten Teachers.** **3-Dewhurt's textbook of obstetrics and gynecology.** **4-Obstetrics & Gynaecology An Evidence-based Text for the MRCOG.**
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	

TEMPLATEFORCOURSESPECIFICATION

HIGHEREDUCATIONPERFORMANCEREVIEW:PROGRAMMEREVIEW

COURSESPECIFICATION

This Course Specification provides a concise summary of the main features of thecourseandthelearningoutcomesthatatypicalstudentmightreasonablybeexpected to achieve anddemonstrate if he/she takes full advantage of the learningopportunities that are provided. It should be cross-referenced with the programmespecification.

1.Teaching Institution	College of Medicine
2.UniversityDepartment/Centre	University of Anbar
3.Coursetitle/code	Infectious diseases
4.Programme(s)to which it contributes	To third, fourth and six year medical college students
5.ModesofAttendanceoffered	Theoretical and practical clinical lectures
6.Semester/Year	2nd semester
7.Numberofhourstuition(total)	42 hours per semester
8.Dateofproduction/revisionofthis specification	2021

9.AimsoftheCourse

To produce medical, academic, about disease, pathobiology, clinical features , complications, diagnosis, treatment, preventive and how to introduce education to people.

D. General and Transferable Skills(otherskillsrelevanttoemployabilityandpersonal development)

D1. Clinical meeting.
D2. Recurrent examinations of infectious diseases.
D3. Clinical cases in infectious diseases reviewing of its management.
D4. Researches in infectious field.

11.CourseStructure

Week	Hours	ILOs	Unit/ModuleorTopicTitle	Teaching Method	Assessment Method
1-	6	Bacterial diseases	Streptococcal, staphylococcal and typhoid fever	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
2-	6	Bacterial diseases	Brucellosis, anthrax, tetanus, diphtheria and acute gastroentritis	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
3-	6	Bacterial diseases	Pyrexia of unknown origin, septicemia and sepsis syndrome, Rekttesial diseases	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
4-	6	Viral diseases	COVID-19, HIV\AIDS	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
5-	6	Viral diseases	Herpes viruses, Cytomegally virus, and influenza and epidemic influenza	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
6-	6	Parasitic diseases	Entamoeba histolytica, Giardiasis, leshmaniasis, cestodes, nematodes	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.
7-	6	Parasitic diseases, fungal infection and antibiotics	Malaria, toxoplasmosis, black fungus, candidiais and histoplasmosis and antibiotics	Theoretical and practical lectures	Theoretical and clinical exams by attendance and electronic way.

10·LearningOutcomes,Teaching,LearningandAssessmentMethode

A-KnowledgeandUnderstanding
A1. Theoretical lectures
A2.Video assisted lectures.
A3. clinical practical lectures.
A4. Clinical scenario MCQs exam.
A5. Clinical meeting for the diseases.
A6 . Reviewing infectious journals.

B. Subject-specific skills

B1 How to examine
infectious patient skills.
B2. Self protection skills
B3. Skills of patients managemnt

TeachingandLearningMethods

Theoretical lectures about infectious diseases, clinical practical examination and clinical meeting. Reviewing joural and researches in infectious diseases.

Assessment methods

By theoretical and clinical practical exams.

C. Thinking Skills
C1. To get
infectious
diseases patients
skills
C 2. Patients management skills.
C3. Diseases prevention skills
C4. People education skills.

Teaching and Learning Methods

Theoretical lectures attendance and electronic types. Clinical practical lectures attendance and electronic types. Researches and journal in infectious system review.

Assessment methods

Infectious diseases exam theoretical and clinical examinations by attendance and electronic ways.

12.Infrastructure	
Requiredreading: · CORETEXTS · COURSEMATERIALS · OTHER	Davidson textbook of medicine, Cecil textbook of medicine, medscape assistance video teaching excellence of Imperial college of London. Macleod clinical exam textbook.
Special requirements (include forexample workshops, periodicals,ITsoftware,websites)	www. Medscape clinical scenario.com. Lancet infectious journal. BNF pharmacology book. Clinical meeting with doctors by assisted video methods
Community-based facilities(include for example, guestLectures,internship,field studies)	Hospital based patient case sheet follow up with patients. Primary health care center follow up. Lectures of vaccination. Lectures about diseases. Work shop of patients management and people education.

13.Admissions	
Pre-requisites	Small and large groups teaching.
Minimumnumberofstudents	6 students
Maximumnumber ofstudents	10 students

TEMPLATE FOR COURSE SPECIFICATION 15

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 Anbar /college of medicine
2. University Department/Centre	Department of medicine
3. Course title/code	dermatology
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	**Blended Learning**
6. Semester/Year	5th year
7. Number of hours tuition (total)	30
8. Date of production/revision of this specification	30/10/2021

9. Aims of the Course

Teach students the principles of [Dermatology and enable them to apply them safely.
Inform the Students the art and science of Dermatology.
Giving students skills in the principles of Dermatology.
Directing students to focus on the importance of patient care and support

10· Learning Outcomes, Teaching ,Learning and Assessment Method

A- Knowledge and Understanding

A1. The student should know the concept and nature of the science of Dermatology.

A2. The student should understand the basics of Dermatology science.

A3. The student should understand what is meant by the Dermatology.

B. Subject-specific skills

B1. The ability to conduct a medical examination of patients.

B2. To distinguish between the various diseases of the Dermatology diseases.

B3. The ability to describe treatment methods.

B4. Conducting a research project to treat diseases.

Teaching and Learning Methods

- Lectures
- interactive learning such as brainstorming
- discussion
- programmed education

Assessment methods

- Formative assessment tests at the end of each lecture for immediate feedback to measure the student's progress in learning
- The final summative assessment at the end of each term.

C. Thinking Skills

C1. Developing the student's ability to work on the performance of duties and deliver them on time.

C2.Developing the student's ability to dialogue and discuss.

C3. Develop the student's ability to determine the change in the methods of diagnosis and treatment of diseases according to the latest medical developments.

C4. Develop the ability to explain Dermatological conditions and how to deal with them.

C5. Development of the ability to analyze and diagnose diseases

Teaching and Learning Methods

- Managing the lecture in an applied way is related to the reality of daily life to attract the student to the subject of the lesson without moving away from the core of the subject so that the subject is flexible and understandable and analytical.

- Assigning the student some activities and collective duties. - Allocation of a grade ratio for daily duties and tests.
Assessment methods
- Active participation in the classroom is a guide to the student's commitment and responsibility. - Meet the deadline for submitting duties and research. - Quarterly and final tests reflect commitment, cognitive achievement and knowledge.

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

D1. Developing the student's ability to deal with patients.

D2 Develop the student's ability to deal with Dermatological conditions.

D3 Developing the student's ability to deal with multiple means.

D4 Developing the student's ability to dialogue and discuss.

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1		Structures and functions of the skin	Lecture	Formative test
2	1		Terminology	Lecture	Formative test
3	1		Parasitic skin infections	Lecture	Formative test
4	1		Acne	Lecture	Formative test
5	2		Papulosequamous diseases (Psoriasis)	Lecture	Formative test
6	1		Papulosequamous diseases (LP, PR)	Lecture	Formative test
7	1		Pigmentory skin disorders (hyperpigmentation)	Lecture	Formative test
8	1		Connective tissue diseases	Lecture	Formative test
9	1		Rosacea	Lecture	Formative test
10	1		Pigmentory skin disorders (hypopigmentation)	Lecture	Formative test
11	1		Urticaria	Lecture	Formative test
12	1		Angioedema	Lecture	Formative test
13	1		Physical factors and skin	Lecture	Formative test
14	1		Dermatitis (Eczema)- part 1	Lecture	Formative test
15			**1st term exam**		
16	1		Dermatitis (Eczema) part 2	Lecture	Formative test
17	1		Drug eruptions (pathogeneses and causes)	Lecture	Formative test

18	1	Drug eruptions (Examples)	Lecture	Formative test
19	1	Skin tumors(benign)	Lecture	Formative test
20	1	Skin tumors (malignant)	Lecture	Formative test
21	1	Skin manifestations of systemic diseases	Lecture	Formative test
22	1	Cutaneous laser surgery	Lecture	Formative test
23	1	Bacterial skin infections	Lecture	Formative test
24	1	Viral skin infections	Lecture	Formative test
25	1	Fungal skin infections	Lecture	Formative test
26	1	Sexual transmitted disease(infections)	Lecture	Formative test
27	1	Hair loss and Hirsutism	Lecture	Formative test
28	1	Bullous diseases (Immunological) and(Congenital)	Lecture	Formative test
29	1	Genodermatosis (inherited skin problems)	Lecture	Formative test
30		**2nd term exam**		

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Androwe's principles and practice of Dermatology.
Special requirements (include for example workshops, periodicals, IT software, websites)	Medscape http://www.medscape.com/ Webmd http://www.webmd.com/ Uptodate http://www.uptodate.com/home Medline Plus https://www.nlm.nih.gov/medlineplus/ NHS Choices http://www.nhs.uk/pages/home.aspx

Community-based facilities (include for example, guest Lectures , internship , field studies)		

13. Admissions	
Pre-requisites	
Minimum number of students	30
Maximum number of students	100

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 Anbar /college of medicine
2. University Department/Centre	Department of surgery
3. Course title/code	surgery/ MS 2602
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	**Clinical training**
6. Semester/Year	6th year
7. Number of hours tuition (total)	360
8. Date of production/revision of this specification	1/10/202

9. Aims of the Course

Teach students the principles of general surgery and urology and enable them to apply them safely.

Inform the Students the art and science of surgery.

Giving students skills in the principles of surgery

Directing students to focus on the importance of patient care and support

10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

A1. The student should know the concept and nature of the science of surgery

A2. The student should understand the basics of surgery science

A3. The student should understand what is meant by the science of surgery

B. Subject-specific skills

B1. The ability to conduct a medical examination of patients.

B2. To distinguish between the various diseases of the surgical specialties.

B3. The ability to describe treatment methods.

B4. Conducting a research project to treat surgical diseases.

Teaching and Learning Methods

- Lectures
- interactive learning such as brainstorming
- discussion
- programmed education

Assessment methods

- Formative assessment tests at the end of each lecture for immediate feedback to measure the student's progress in learning
- The final summative assessment at the end of each term.

C. Thinking Skills

C1. Developing the student's ability to work on the performance of duties and deliver them on time.

C2.Developing the student's ability to dialogue and discuss.

C3. Develop the student's ability to determine the change in the methods of diagnosis and treatment of diseases according to the latest medical developments.

C4. Develop the ability to explain medical conditions and how to deal with them.

C5. Development of the ability to analyze and diagnose diseases

Teaching and Learning Methods

- Managing the lecture in an applied way is related to the reality of daily life to attract the student to the subject of the lesson without moving away from the core of the subject so that the subject is flexible and understandable and analytical.

- Assigning the student some activities and collective duties. - Allocation of a grade ratio for daily duties and tests.
Assessment methods
- Active participation in the classroom is a guide to the student's commitment and responsibility. - Meet the deadline for submitting duties and research. - Quarterly and final tests reflect commitment, cognitive achievement and knowledge.

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

D1. Developing the student's ability to deal with patients.

D2 Develop the student's ability to deal with surgical conditions.

D3 Developing the student's ability to deal with multiple means.

D4 Developing the student's ability to dialogue and discuss.

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	30		**General surgery**	Clinical training	Formative test
2	30		**General surgery**	Clinical training	Formative test
3	30		**General surgery**	Clinical training	Formative test
4	30		**General surgery**	Clinical training	Formative test
5	30		**General surgery**	Clinical training	Formative test
6	30		**General surgery**	Clinical training	Formative test
7	30		**urology**	Clinical training	Formative test
8	30		**urology**	Clinical training	Formative test
9	30		**Fractures and orthopedics**	Clinical training	Formative test
10	30		**Cardiovascular surgery** **Neurosurgery** **Anesthesia**	Clinical training	Formative test
11	30		**Cardiovascular surgery** **Burn and reconstructive surgery**	Clinical training	Formative test

12	30		**Pediatric surgery Oncology**	Clinical training	Formative test

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Bailey & Love's short practice of surgery
Special requirements (include for example workshops, periodicals, IT software, websites)	Medscape http://www.medscape.com/ Webmd http://www.webmd.com/ Uptodate http://www.uptodate.com/home Medline Plus https://www.nlm.nih.gov/medlineplus/ NHS Choices http://www.nhs.uk/pages/home.aspx
Community-based facilities (include for example, guest Lectures , internship , field studies)	

13. Admissions	
Pre-requisites	
Minimum number of students	30
Maximum number of students	100

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 al-anbar
2. University Department/Centre	College of medicine
3. Course title/code	Obstetrics &gynecology
4. Programme(s) to which it contributes	sixth stage
5. Modes of Attendance offered	Theoretical lectures and clinical attendance
6. Semester/Year	2021-2022
7. Number of hours tuition (total)	
8. Date of production/revision of this specification	1\10\2021

9. Aims of the Course

1-To revise previous knowledge in obstetrics and gynecology with high level of understanding
2-To be familiar with common terms
3-To master comprehensive history taking
4-To undertake proper physical examination
5-To be familiar with instruments used for examination
6-To be able to reach differential diagnoses
7-To be able to ask for proper investigations
8-To interpret the information collected from history taking, examination& investigation to reach a diagnosis

9-To be able to suggest possible lines of management
10-To be able to deal with obstetric and gynecological emergency in the future as a .resident doctor
11-To enable the student to be an efficient doctor

10· Learning Outcomes, Teaching ,Learning and Assessment Methode
A - Knowledge and understanding: understanding the sentences in obstetrics and gynecology and deal with them.
B- Subject-specific skills Training students on clinical cases in specialized hospitals. Training on real clinical cases or testing equipment in the Clinical Skills Laboratory. .
Teaching and Learning Methods1- 1- Theoretical lectures 2- Papers and workshops 3- Studies and discussions of different cases and follow-up reports in the electronic class during the Corona pandemic 4- Practical lectures and laboratory activities 5- Clinical application
Assessment methods
Class exam, activity, practical exams, clinical training exams, daily exams, final exams.
C - Thinking skills: - Urging students to train in groups. - Using the group discussion system in various clinical cases.

D. General and Transferable Skills (other skills relevant to employability andpersonal development)
1- The ability to deal with work environment problems, 2- Correct identification of problems and the ability to find solutions to them, 3- Work evaluations, use and improvement, 4- Determining appropriate work standards, 5- Developing the spirit of cooperation and teamwork as one team.

11.

Practical: Four groups were taught from the academic year 2020-2021 during the summer shift. Number of lessons per week 1-2 practical lessons of 4 hours per lesson

First week

Day	Items	Objectives
Monday	**1-Revision of obstetric and gynecological history taking.** **2-Cases presentation.**	**To master history taking & examination of obstetric & gynecological cases**
Tuesday	**1-Cases presentation (including discussion regarding investigations, differential diagnosis and lines of treatment).** **2-Mechanism of labour: images, videos and plastic models demonstration.**	**1.To understand labour.** **2.To know how to perform pelvic examination.**
Wednesday	**1-Stages of labour: Group discussion about partogram and abnormal progress of labour.** **2-Labour room attendance with concentration on abdominal and pelvic examination.**	**To know how to put a Partogram& detect abnormal progress of labour.**
Thursday	**1-Cases presentation.** **2-Intrapartum fetal monitoring: small group discussion and labour room attendance with concentration on sonic aid and cadiotocography interpretation.**	**To know how to interpret CTG strips**

Second week

Day	Items	Objectives
Monday	**1-Cases presentation.** **2-Family planning clinic attendance with concentration on hormonal contraception.**	**To know different types of hormonal contraception available in the clinic**
Tuesday	**1-Cases presentation.** **2-Images and videos about intrauterine devices.**	**To be familiar with different intrauterine devices and way of their insertion**

Wednesday	1-Cases presentation. 2-Infertility clinic attendance: counseling infertile couple.	To know how to approach infertile couple
Thursday	1-Cases presentation. 2-Seminars presentation by the students.	To assess personal attitude and way of thinking

Third week

Day	Items	Objectives
Monday	1-Cases presentation. 2-First trimester ultrasound: images and videos presentation.	To know how to read an ultrasound report and expected findings at different gestational age
Tuesday	1-Cases presentation. 2- Breech delivery:images, videos and plastic model demonstration.	To know how to manage vaginal breech delivery
Wednesday	Infertility clinic attendance: Polycystic ovary syndrome case; counseling, investigations and lines of treatment.	To know how to approach a case of infertility due to PCO syndrome
Thursday	1-Cases presentation. 2-Seminars presentation by the students.	

Fourth week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Instrumental delivery: Group discussion with videos and plastic model application.	To now different types and how to apply them
Tuesday	1-Cases presentation. 2-Antepartum haemorrhage: small group discussion.	To know how to approach a case of APH
Wednesday	Infertility clinic: Tests of tubal patency.	To know how to assess tubal patency by hysterosalpingography films
	Cases presentation	
Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Fifth week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Approach to early pregnancy complications:Small group discussuion ,slides and videos showing.	To know how to reach the diagnosis by clinical finding and interpretation of ultrasound images and other investigations
Tuesday	1-Cases presentation. 2-Operation room attendance: Caesarean section.	To be familiar with operation theatre and to see lower segment C section
Wednesday	Infertility clinic: Ovarian Hyperstimulation Syndrome.	To know the grading and management of OHSS.
Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Sixth week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Amniotic fluid abnormalities: small group discussion, slides and videos	To know how to assess depth of amniotic fluid by ultrasound

	shoeing.	
Tuesday	1-Cases presentation. 2-Epsiotomy: Types and suturing of episiotomy demonstration on plastic model and the on real patients at labour room.	To know types of episiotoy and how to suture it on plastic model
Wednesday	Infertility clinic: Assisted reproductive techniques.	To know types available of ART, indications and complications
Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Seventh week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Pap smear and colposcopy: small group discussion, slides and videos showing.	1-To know how to take a Pap smear. 2-To know how to do colposcopic examination of the cervix.
Tuesday	1-Cases presentation. 2-Operation room attendance: Dilatation and curettage.	To know instrument used in D&C .
Wednesday	1-Cases presentation. 2-Emergency room attendance: General management of obstetric haemorrhage.	To know how to deal with obstetric haemorrhage as emergency case
Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Eighth week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Prenatal diagnosis of congenital anomalies: Small group discussion, slides and videos showing.	To know ultrasound findings of different congenital abnormalities
Tuesday	1-Cases presentation. 2-Ovarian cyst:Small group discussion, slides and videos showing.	To know how to assess ultrasound showing ovarian cyst to differentiate functional from pathological cyst
Wednesday	1-Cases presentation. 2-Ovarian tumours: Small group discussion, slides and videos showing.	
Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Ninth week

Day	Items	Objectives
Monday	1-Cases presentation, 2-Intrauterine growth restriction: Small group discussion, slides and videos showing.	To know ultrasound differences between symmetrical & asymmetrical growth restricted fetus.
Tuesday	1-Cases presentation. 2-Thromboembolism in pregnancy: Small group discussion, slides and videos showing.	To know how to examine a woman with deep venous thrombosis
Wednesday	1-Cases presentation. 2-Labour room attendance: Active management of third stage of labour.	To know drugs given and how to deliver the placenta

Thursday	1-Cases presentation. 2-Seminars presentation by students.	

Tenth week

Day	Items	Objectives
Monday	1-Cases presentation. 2-Postmenopausal bleeding: Small group discussion, slides and videos showing.	To know how to approach postmenopausal bleeding case, assess endometrial thickness by ultrasound and further management
Tuesday	1-Cases presentation. 2-Obsteric emergencies: Small group discussion, slides and videos showing.	To know how to deal with different maternal & fetal emergencies
Wednesday	1-Cases presentation. 2-Obstetric emergencies: Small group discussion, slides and videos showing.	
Thursday	Examination	

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	1-Obstetrics by Ten Teachers. 2-Gynaecology by Ten Teachers. 3-Dewhurt's textbook of obstetrics and gynecology. 4-Obstetrics & Gynaecology An Evidence-based Text for the MRCOG.
Special requirements (include for example workshops, periodicals, IT software, websites)	
Community-based facilities (include for example, guest Lectures , internship , field studies)	

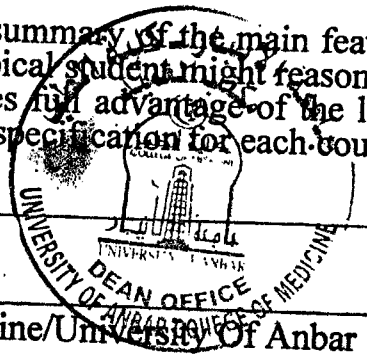
13. Admissions	
Pre-requisites	
Minimum number of students	
Maximum number of students	

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	College of medicine/University Of Anbar
2. University Department/Centre	Pediatric department
3. Programme Title	
4. Title of Final Award	
5. Modes of Attendance offered	Online google classroom Clinical training sessions
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	
9. Aims of the Programme	
1-Graduation of qualified efficient medical students with efficient abilities for solving pediatrics problems and protecting children from development of these condition	
2- attainding a maximum level for diagnosis and treatment of pediatrics disease with least coast and right drugs .	
3 – graduation of an efficient postgraduate specialties in pediatrics	

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
Small group teaching , skill lab . emergency unit . outpatient , inpatient , neonatal unit , pediatrics surgery , pharmacy , lab , raidolagical department
Assessment methods
Fifth year : 1st term exam+ daily quizzes (15 Marks) ,2nd term exam(15 Marks), clinical exam(20 Marks) , Final Exam (50 marks) Sixth year: clinical courses exam (20 Marks) ,Final theory exam(40Marks), Final clinical exam(40 Marks)
C. Thinking Skills C1. Real patients,actors C2. power point presentation , x – ray film , diagram C3. logbook clinical training , seminars , skill lab C4. posters , clinical videos , lab investigation C5 Google classroom, google Meet, Internet,
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

1. Online exams
2. Clinical exams
3. Attendance

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
	Clinical+theory	pediatrics	Clinical & theory exam	Bachelor Degree Requires (x) credits
				Problem solving Safe doctor Good interaction & communication with patients

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

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	Anbar University-Medical college
2. University Department/Centre	Pathology and forensic medicine
3. Course title/code	MP2304
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	official working
6. Semester/Year	Year
7. Number of hours tuition (total)	60
8. Date of production/revision of this specification	20/6/2021
9. Aims of the Course	
1- Enable students to understand the basic principles of pathology. 2- Giving students the ability to make a logical connection and sequential thinking of the pathological condition. 3- Understand the pathological changes and clinical signs of diseases. 4- Understand the possibility of therapeutic overlap and areas of influence.	

10· Learning Outcomes, Teaching ,Learning and Assessment Methods

A- Knowledge and Understanding

A1- Explain and define the basic terms of pathology.

A2- The student should be able to explain the cellular and tissue changes in case of disease.

A3- To distinguish the interactive patterns and stages of disease progression as well as disease recovery.

A4- List the causes of diseases and the reactions of tissues against them.

B. Subject-specific skills

B1 Student be able to describe and diagnose the pathological change of tissues.

B 2- To acquire the skill of tracking of the disease.

B 3- Explain the apparent signs and effects of the disease.

B 4- Understanding the sites and stages of therapeutic intervention.

B 5- Give the prognosis of the disease.

Teaching and Learning Methods

1-Theoretical lectures including explanations, pictures and tables.
2- Showing films and discussing sick cases collectively.
3- Presentation of pictures, glass slides, and real models of the diseased cases.
4- The possibility of making visits to educational hospitals to inspect the branches of diseases and equipment therein.

Assessment methods

1- Short exams and feedback from students answer and opinions.
2- Semester exams.
3- Daily assessments through attendance and discussions.
4- Final practical and theoretical exams.

C. Thinking Skills

C1- Asking questions and brainstorming.
C 2 - Discussing disease cases in small groups.
C 3 - Exams include questions that combine more than one idea to enrich the student's

mental ability.

Teaching and Learning Methods

Assessment methods

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

D1- Acquiring and maintaining the skill of using and maintaining laboratory equipments.

D2 - The skill of microscopic diagnosis of disease states.

D 3- The skill of estimating the gross pathological change in the organs preserved in the laboratory.

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2	define cell damage and its types	Cell injury	Lectures &lab	Short exam
2	2	explain the cell damage and its types	Cell injury	=	=
3	2	Define inflammation	Inflammation	=	=
4	2	Types of inflammations And explains each type	Inflammation	=	=
5	2	Define healing	Healing & repair	=	=
6	2	Its type and effective factors	Healing & repair	=	=
7	2	Define congestion and clotting	Hemodynamic	=	=
8	2	Define edema and its types	Hemodynamic	=	=
9	2	Type of embolisms	Hemodynamic	=	=
10	2	Explain the principles of immune system and its	Immune pathology	=	=

		components.				
11	2	Explain immune reactions and their effects and complications.	Immune pathology	=		=
12	2	Principles of autoimmune diseases	Immune pathology	=		=
13	2	Differentiate types of infection and their agents.	Infectious	=		=
14	2	explain environmental disease and their effects	Environmental	=		=
15	2	Define the main concepts of genetics	Genetics	=		=
16	2	Differentiate the main types of genetic diseases	Genetics	=		=
17	2	Define the main terms in neoplasia	Neoplasia	=		=
18	2	Explains the manner of tumor occurrence	Neoplasia	=		=
19	2	Effect of tumors	Neoplasia	=		=
20	2	Define the major vascular diseases	CVS	=		=
21	2	Major disease of	CVS	=		=

		the heart				
22	2	Differentiate the types of vascular and cardiac tumors	CVS	=	=	
23	2	Explaining of Disease of pituitary gland	Endocrine pathology	=	=	
24	2	Disease of thyroid and parathyroid glands	Endocrine pathology	=	=	
25	2	Diseases of adrenal glands.	Endocrine pathology	=	=	
26	2	Define and diseases of upper respiratory tract	Respiratory system	=	=	
27	2	Explain and diseases of lower respiratory tract	Respiratory system	=	=	
28	2	Differentiate the tumors of lung and upper respiratory tract	Respiratory system	=	=	
29	2	Define the major inflammatory skin diseases	Skin	=	=	
30	2	Differentiate the majors types of skin tumors	Skin	=	=	

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	**1-Robbin's basic pathology.** **2-Curran Atlas of histopathology.**
Special requirements (include for example workshops, periodicals, IT software, websites)	**Pathology outline** **Web path**
Community-based facilities (include for example, guest Lectures , internship , field studies)	

13. Admissions	
Pre-requisites	
Minimum number of students	40
Maximum number of students	80