

*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 Nahrain*  
*College : medicin*  
*Department : surgery*  
*Date Of Form Completion :*

*Dean 's Name*  
*Date :    /    /*

*Dean 's Assistant For  
Scientific Affairs*

*Signature*  
*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	Al Nahrain university
2. University Department/Centre	Al Nahrain Medical college
3. Programme Title	Orthopedic and trauma
4. Title of Final Award	
5. Modes of Attendance offered	Attendance
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	14/9/2021
9. Aims of the Programme	
The students will be able to know the diagnosis of and management of the main problem in the orthopedics and limb trauma	

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

- A1.the main diseases of the limbs and limb trauma and their treatments
- A2.
- A3.
- A4.
- A5.
- A6.

### B. Subject-specific skills

- B1 how to diagnose the problem
- B2.
- B3.

### Teaching and Learning Methods

It's a theory course giving lectures for orthopedic and limb trauma . The course given in 3 per week lecture each for 1 hr. the in a 15 week course

### Assessment methods

Quize for assessment in random done  
Mid term exam  
Final exam  
The degree to pass is 50

### C. Thinking Skills

- C1.Probleme based and interactive teaching lectures
- C2.
- C3.
- C4.

### Teaching and Learning Methods

### Assessment methods



### 13. Personal Development Planning

By adding more interactive features to the course and more demonstrations

### 14. Admission criteria .

### 15. Key sources of information about the programme

The update guidelines of medical texts and articles





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 TopicTitle	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	



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## *Academic Program Specification Form For The Academic*

*University: Al Nahrain University*  
*College : College of Medicine*  
*Department : Surgery*  
*Date Of Form Completion : 13/09/2021*

*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 Mohammed A. Hamdawi*

# TEMPLATE FOR PROGRAMME SPECIFICATION

## HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

### PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	Al Nahrain College of medicine
2. University Department/Centre	Surgery Department
3. Programme Title	Problem based Learning
4. Title of Final Award	PBL Surgery
5. Modes of Attendance offered	Round or electronic discussions
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	Second semester
9. Aims of the Programme	
Making all students at the end of the course are able to know the basic informations of the surgical practice and basic surgical knowledge	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

- A1.basic knowledge of general surgery
- A2.basic knowledge of orthopedics
- A3.basic knowledge of vascular and plastic surgery
- A4.
- A5.
- A6.

B. Subject-specific skills

- B1. Diagnosing basic surgical problems
- B2. Managing basic surgical problems
- B3.

Teaching and Learning Methods

Interactive discussion whether attending or electronic

Assessment methods

Written test at the mid and final test with daily assessment

C. Thinking Skills

- C1.how certain surgical problems present
- C2.how can we differentiate the symptoms of these diseases
- C3.how can the managements of the diseases or problems differ
- C4.

Teaching and Learning Methods

Attending or electronic round discussions

Assessment methods

Mid and final written tests



13. Personal Development Planning

More students' role in discussion and facilitate data collection

14. Admission criteria .

Passing score in previous year final exam

15. Key sources of information about the programme

Data collection of the same or related programs of other medical institutions







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
1	1		Hernia	discussion	Mid and final test
	2		revision	=	=
2	1		Umbilicus and abdominal wall	=	=
	2		Umbilicus and abdominal wall	=	=
3	1		revision	=	=
	2		Shock, Hemostasis and Blood Transfusion	=	=
4	1		Shock, Hemostasis and Blood Transfusion	=	=
	2		Diabetic foot	=	=
5	1		Diabetic foot	=	=
	2		Fluid, Acid Base balance and electrolyte	=	=
6	1		Fluid, Acid Base balance and electrolyte	=	=
	2		Metabolic response to trauma	=	=
7	1		revision	=	=
	2		Surgical Site Infection, wound Healing and Antibiotics	=	Final exam
8	1		Surgical Site Infection, wound Healing and Antibiotics	=	=
	2		Surgical Site Infection, wound Healing and Antibiotics	=	=
9	1		revision	=	=
	2		Nutrition in Surgery	=	=
10	1		Arterial, Venous and Lymphatic Disease	=	=
	2		Arterial, Venous and Lymphatic Disease	=	=
11	1		Cyst, Ulcer and Sinus	=	=
	2		Tumors	=	=
12	1		revision	=	=

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Short practice in surgery text baily & loves
Special requirements (include for example workshops, periodicals, IT software, websites)	Net websites
Community-based facilities (include for example, guest Lectures , internship , field studies)	No need

13. Admissions	
Pre-requisites	Idea about the subject
Minimum number of students	50
Maximum number of students	150

*Republic of Iraq*  
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## *Academic Program Specification Form For The Academic*

*University: AL- NAHRAIN*

*College : MEDICIN*

*Department : SURGERY*

*Date Of Form Completion : 14 SEPTEMBER 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	COLLEGE OF MEDICINE
2. University Department/Centre	AL-NAHRAIN UNIVERSITY – COLLEGE OF MEDICINE-SURGERY DEPARTMENT
3. Programme Title	GASTRO-INTESTINAL (GIT)
4. Title of Final Award	MB.chB
5. Modes of Attendance offered	Theory lectures
6. Accreditation	3
7. Other external influences	
8. Date of production/revision of this specification	14/9/2021
9. Aims of the Programme	
Teaching and learning the gastrointestinal diseases (the medical and surgical diseases), their pathogenesis, presentations, diagnosis and management, beside prevention of the diseases and complications.	

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

- A1. Demonstrate knowledge in the basic sciences pertinent to the gastrointestinal system.
- A2. Explain the signs and symptoms of common gastrointestinal presentations in terms of their underlying scientific principles.
- A3. Explain the scientific principles of common gastrointestinal investigative techniques, and critique their appropriateness and results.
- A4. Explain the scientific principles of common approaches to management of patients with gastrointestinal diseases.
- A5.
- A6.

### B. Subject-specific skills

- B1. It is a theory integrative course composed of medical (one thirds) and surgical lectures (two thirds)
- B2.
- B3.

### Teaching and Learning Methods

This course is given as thrice weekly lecture for one hour each. The lectures are interactive and composed of case-based learning with pre- and post- questions and various student tasks to implement self-directed learning.

### Assessment methods

The minimum requirement of a student to pass is to achieve at least 50% of the total 100 marks assigned for the course.

The marks are distributed as follows:

Daily quizzes and Homework (5%).

Midterm examination (25%) as 4 – 5 essay questions.

Final examination (70%) as: Single Best Answer 70 items.

Modified-Essay Questions (6 cases).



Student who fail to attain the 50% cut-off mark are required to re-sit for a second trial examination similar to the final one. Failing in the second trial entails the student to repeat the academic year.

#### C. Thinking Skills

C1. It is a theory integrative course composed of medical (one thirds) and surgical lectures (two thirds)

C2.

C3.

C4.

#### Teaching and Learning Methods

This course is given as thrice weekly lecture for one hour each. The lectures are interactive and composed of case-based learning with pre- and post- questions and various student tasks to implement self-directed learning.

#### Assessment methods

The minimum requirement of a student to pass is to achieve at least 50% of the total 100 marks assigned for the course.

The marks are distributed as follows:

Daily quizzes and Homework (5%).

Midterm examination (25%) as 4 – 5 essay questions.

Final examination (70%) as: Single Best Answer 70 items.

Modified-Essay Questions (6 cases).

Student who fail to attain the 50% cut-off mark are required to re-sit for a second trial examination similar to the final one. Failing in the second trial entails the student to repeat the academic year.

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

D1. It is a theory integrative course composed of medical (one thirds) and surgical lectures (two thirds)

D2.

D3.

D4.

#### Teaching and Learning Methods

This course is given as thrice weekly lecture for one hour each. The lectures are interactive and composed of case-based learning with pre- and post- questions and various student tasks to implement self-directed learning.

#### Assessment Methods

The minimum requirement of a student to pass is to achieve at least 50% of the total 100 marks assigned for the course.

The marks are distributed as follows:

Daily quizzes and Homework (5%).

Midterm examination (25%) as 4 – 5 essay questions.

Final examination (70%) as: Single Best Answer 70 items.

Modified-Essay Questions (6 cases).

Student who fail to attain the 50% cut-off mark are required to re-sit for a second trial examination similar to the final one. Failing in the second trial entails the student to repeat the academic year.

#### 11. Programme Structure

Level/Year	Course or Module Code	Course or Module Title	Credit rating
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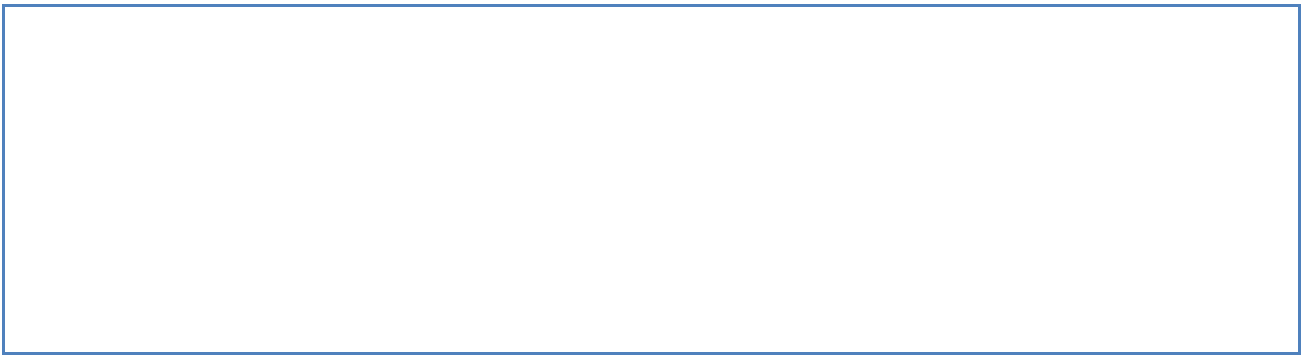
#### 12. Awards and Credits

4 (fourth year)	<b>SRGGi t-41</b>	<b>Gastro-intestinal diseases (GIT)</b>	3	Bachelor Degree Requires ( x ) credits

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	COLLEGE OF MEDICINE
2. University Department/Centre	AL-NAHRAIN UNIVERSITY – COLLEGE OF MEDICINE- DEPARTMENT OF SURGERY
3. Course title/code	<b>SRGGit-41</b>
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	THEORY (LECTURES)
6. Semester/Year	FIRST SEMESTER – FOURTH YEAR
7. Number of hours tuition (total)	45 HORES
8. Date of production/revision of this specification	14/9/2021
9. Aims of the Course	
The course is designed to enable the student to: 1-1 Demonstrate knowledge in the basic sciences pertinent to the gastrointestinal system. 1-2 Explain the signs and symptoms of common gastrointestinal presentations in terms of their underlying scientific principles.	

1-3 Explain the scientific principles of common gastrointestinal investigative techniques, and critique their appropriateness and results.  
 1-4 Explain the scientific principles of common approaches to management of patients with gastrointestinal diseases.


10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

- A1. Demonstrate knowledge in the basic sciences pertinent to the gastrointestinal system.
- A2. Explain the signs and symptoms of common gastrointestinal presentations in terms of their underlying scientific principles.
- A3. Explain the scientific principles of common gastrointestinal investigative techniques, and critique their appropriateness and results.
- A4. Explain the scientific principles of common approaches to management of patients with gastrointestinal diseases.
- A5.
- A6 .

B. Subject-specific skills

- B1. It is theoretical coarse (lectures)
- B2.
- B3.

Teaching and Learning Methods

This course is given as thrice weekly lecture for one hour each. The lectures are interactive and composed of case-based learning with pre- and post- questions and various student tasks to implement self-directed learning.

Assessment methods

The minimum requirement of a student to pass is to achieve at least 50% of the total 100 marks assigned for the course.  
 The marks are distributed as follows:

Daily quizzes and Homework (5%).

Midterm examination (25%) as 4 – 5 essay questions.

Final examination (70%) as: Single Best Answer 70 items.

Modified-Essay Questions (6 cases).

Student who fail to attain the 50% cut-off mark are required to re-sit for a second trial examination similar to the final one. Failing in the second trial entails the student to repeat the academic year.

#### C. Thinking Skills

C1. It is theory (lectures)

C2.

C3.

C4.

#### Teaching and Learning Methods

This course is given as thrice weekly lecture for one hour each. The lectures are interactive and composed of case-based learning with pre- and post- questions and various student tasks to implement self-directed learning.

#### 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

<p>Required reading:</p> <ul style="list-style-type: none"> <li>· CORE TEXTS</li> <li>· COURSE MATERIALS</li> <li>· OTHER</li> </ul>	<p>-1 Davidson's Principles and Practice of Medicine.</p> <p>-2 Baily and Love's Short Practice of Surgery.</p> <p>-3 Harrison's Principles of Internal Medicine.</p>
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<p>Special requirements (include for example workshops, periodicals, IT software, websites)</p>	
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<p>Community-based facilities (include for example, guest Lectures , internship , field studies)</p>	Topics	Hours
	<p><b>Oral cavity. Stomatitis, Gingivitis, Glossitis, ulcers,</b></p> <p>the oral diseases.</p> <p>Diagnosis based on that complain</p> <p>the different physical signs</p>	<b>2</b>
	<p><b>Gastrointestinal system, including the anus &amp; rectum, Imperforated anus.</b></p> <p>the basic anatomy of the gastrointestinal system</p> <p>physiological bases of digestion and absorption in</p> <p>complain</p> <p>the different congenital abnormalities of the GIT</p>	<b>2</b>
	<p><b>Dysphagia, Achalasia, Reflux, gastro-oesophageal reflux disease (GERD), Hiatus hernia.</b></p> <p>the investigation according to the clinical encounter.</p> <p>the investigation.</p> <p>Diagnosis based on the investigations.</p> <p>the dysphagia.</p>	<b>2</b>
	<p><b>Foreign body, foreign body (F.B.), Tumors, Surgical Hiatus Hernia.</b></p> <p>the signs of Achalasia.</p> <p>the foreign body in the esophagus.</p>	<b>2</b>

	<p>tic tests of dysphagia. for patients with Reflux. o surgical treatment of esophageal tumors. tions of esophageal tumors and address their</p>	
	<p><b>etary tests, Radiology Endoscopy, Gastritis,</b></p> <p>sia. tic tests. for patients with dyspepsia. anagement of dyspepsia.</p>	<b>1</b>
	<p><b>te dilatation, Surgical treatment of peptic ulcer.</b></p> <p>n the treatment of peptic ulcer. e stomach. tment plan.</p>	<b>2</b>
	<p><b>stic surgery complications.</b></p> <p>es of gastric tumors. s of gastric tuomers. stic tests. for patients with gastric tuomers. he post gastric surgery complications.</p>	<b>1</b>
	<p><b>causes, diagnosis, and treatment.</b></p> <p>ro-intestinal bleeding. es. estigation for the diagnosis. atment options.</p>	<b>1</b>
	<p><b>ice, Hepatitis and portal hypertension.</b></p> <p>ology of jaundice, its causes diagnosis and</p> <p>(types, causes, mode of infection treatment and</p> <p>es, pathophysiology, and treatment. ches for Portal hypertension: causes, nt. ndice, hepatitis and portal hypertension.</p>	<b>5</b>
	<p><b>anatomy and congenital anomalies.</b></p> <p><b>stones. Cholecystitis, Obstructive jaundice &amp;</b></p> <p>congenital anomalies of the biliary tree. es of the biliary tree and gallbladder. s, diagnosis, treatment options. of the gallstones. s of Cholecystitis. evaluate patient with Obstructive jaundice &amp;</p>	<b>2</b>
	<p><b>Cysts including Hydatid cyst.</b></p> <p><b>secondary tumors.</b></p> <p>y. bcess. cyst including hydatid cyst. s, and treatment of liver tumors. reatment options, and complications of primary .</p>	<b>2</b>
	<p><b>invasive surgery.</b></p> <p>imum invasive surgery. minimum invasive surgery with open surgery. mitations of Laparoscopy and minimum invasive</p>	<b>1</b>
	<p><b>ery. Surgical aspect of portal hypertension.</b></p> <p>nction of the spleen.</p>	<b>1</b>

	<p>t of portal hypertension.          ectomy.          ations of splenectomy.</p>	
	<p><b>Malabsorption, Diarrhea, Coeliac disease, Tropical</b></p> <p>the basic anatomy and physiology of the function          orption.          stinal diseases, diagnosis, treatment options, and</p>	<b>2</b>
	<p><b>Inflammatory bowel diseases, Irritable bowel.</b></p> <p>e.          bhoma.          gnosis of the Inflammatory bowel diseases, and</p>	<b>2</b>
	<p><b>Ulcerative colitis, Irritable bowel disease. Ulcerative colitis</b></p> <p>ve colitis and Crohn's disease.          ween Ulcerative colitis and Crohn's disease.          tic tests.          tions of Ulcerative colitis and Crohn's disease.</p>	<b>1</b>
	<p><b>Inflammatory bowel diseases.</b></p> <p>t of Inflammatory bowel diseases.          of surgery.          e treatment options.</p>	<b>1</b>
	<p><b>Small intestinal tumors.</b></p> <p>Small intestinal fistula.          stic tests.          es, presentations, cause diagnosis treatment and          al tumors.</p>	<b>1</b>
	<p><b>Small intestine, paralytic ileus management.</b></p> <p>he Types, causes, and presentations of intestinal          cause, diagnosis, treatment and complications of          f intestinal obstruction.          osis treatment and complications of paralytic          f Paralytic ileus.</p>	<b>2</b>
	<p><b>Acute &amp; chronic. Pancreatic Tumors Exocrine &amp;</b></p> <p>ain with pancreatic diseases.          e investigations of pancreatic diseases.          nosis, treatment and complications of acute &amp;          &amp; Endocrine Pancreatic Tumors.          gnant Pancreatic Tumors.          nt of Pancreatic cysts.</p>	<b>2</b>
	<p><b>Acute Appendicitis. Appendicular Mass. Appendicular Tumors.</b></p> <p>dence, causes, diagnosis, treatment, and          dicitis.          gnosis of Acute Appendicitis.          tic tests.          ognize the clinical features of Acute          ment of Acute Appendicitis.          auses, diagnosis, treatment and complications of a          cluding the Appendicular Mass.          anagement plan of patient with Appendicular</p>	<b>2</b>

	<p><b>Peritonitis, Cysts. Subphrenic abscess.</b>  uses diagnosis treatment and complications of  Generalized Peritonitis.  Features of localized and generalized Peritonitis.  Management of Peritonitis.</p> <p>Role in the management of Subphrenic abscess.</p>	<b>2</b>
	<p><b>Benign and tumors of Colon, rectum &amp; anus.</b>  Features of Benign &amp; Malignant polyps and  Management of Benign &amp; Malignant polyps and tumors of  Colon and rectum.  Role in the indications for surgical Benign &amp;  Malignant tumors of Colon and rectum.  Features in presentation of colonic tumors.  Management of colorectal tumors.</p>	<b>2</b>
	<p><b>Rectal prolapse. Pilonidal sinus.</b>  Features of Rectal prolapse, and Rectal Injury.  Management of Rectal prolapse, and Rectal Injury.  Role in the management.</p> <p>uses diagnosis treatment and complications of</p>	<b>1</b>
	<p><b>Anal fissure. Perianal abscess. Hemorrhoid. Anal  incontinence.</b>  Role in the pathogenesis of Anal fissure. Anal  incontinence.  Management of perianal pathology.  Role in the types, causes, diagnosis, treatment and  prevention of perianal diseases.</p>	<b>2</b>
	<p>causes of Morbid obesity.  Indications for surgery, types of surgical management, and  management of Morbid obesity.  How to confirm the diagnosis  Management of Morbid obesity.  Indications of surgical treatment of Morbid obesity.</p>	<b>1</b>

<b>13. Admissions</b>	
Pre-requisites	Fourth year student
Minimum number of students	50
Maximum number of students	202

*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-Nahrain*  
*College : College of Medicine*  
*Department : Surgery*  
*Date Of Form Completion : 14-09-2021*

*Dean's Name*  
*Date :    /    /*

*Dean's Assistant For  
Scientific Affairs*

*Signature*

*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	Al-Nahrain College of Medicine
2. University Department/Centre	Surgery
3. Programme Title	Clinical surgery for 6 <sup>th</sup> year students
4. Title of Final Award	M.B.Ch.B
5. Modes of Attendance offered	Physical attendance and electronic learning
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	12-09-2021
9. Aims of the Programme	
Orient the students about the general principles of care for the surgical patient. This includes both general surgery and its branches (Orthopedics, Urology, Vascular surgery, Neurosurgery, Plastic surgery, Radiology & Anesthesia).	

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

- A1. Basic principles of general surgery (fluids, wound healing, SSI, instruments)
- A2. Care for the trauma patient based on (ATLS) guidelines
- A3. Approach to common problems and symptoms in surgery (e.g. acute abdomen, breast lumps, SSI, bleeding per-rectum, goiter, diabetic foot).
- A4. Ethical and medico-legal considerations in the surgical patient.
- A5.
- A6.

### B. Subject-specific skills

- B1. Advanced trauma life support (including CPR)
- B2. Wound care.
- B3. Principles of care for the surgical patient (pre-, intra-, post- operative).

### Teaching and Learning Methods

- 1. Daily rounds in the surgical ward (history taking, examination, approach, etc).
- 2. Attendance to the surgical theatre once or twice weekly.
- 3. Skill laboratory.
- 4. E-learning

### Assessment methods

Examination at the end of the course and also the final examination include:

- 1. Short case examination.
- 2. OSCE examination.
- 3. Oral examination.
- 4. Written examination.
- 5. Seminars.
- 6. Daily attendance and activities.

### C. Thinking Skills

- C1. Basic principles of general surgery (fluids, wound healing, SSI, instruments)
- C2. Care for the trauma patient based on (ATLS) guidelines
- C3. Approach to common problems in surgery.
- C4. Ethical and medico-legal considerations in the surgical patient.

### Teaching and Learning Methods

1. Daily rounds in the surgical ward (history taking, examination, approach,..).
2. Attendance to the surgical theatre once or twice weekly.
3. Skill laboratory.
4. E-learning.

### Assessment methods

Examination at the end of the course and also the final examination include:

1. Short case examination.
2. OSCE examination.
3. Oral examination.
4. Written examination.
5. Seminars.
6. Daily attendance and activities.

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

- D1. Care for the trauma patient based on the latest (ATLS) guidelines
- D2. Basic knowledge of surgical instruments, sutures, wound care, IV fluids.
- D3. Care for the surgical ward patient (pre-, intra-, post-operative).
- D4. Common surgical procedures (suturing, injections, wound care, catheter insertion, IV fluids and blood products administration).

### Teaching and Learning Methods

1. Daily rounds in the surgical ward (history taking, examination, approach,..).
2. Attendance to the surgical theatre once or twice weekly.
3. Skill laboratory.
4. E-learning.

### Assessment Methods

Examination at the end of the course and also the final examination include:

1. Short case examination.
2. OSCE examination.
3. Oral examination.
4. Written examination.



- 5. Seminars.
- 6. Daily attendance and activities.

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
6 <sup>th</sup> year 2021-2022		Clinical surgery and its branches.	15 points	Bachelor Degree Requires ( x ) credits

### 13. Personal Development Planning

### 14. Admission criteria .

Passed the 5<sup>th</sup> year of undergraduate medical study successfully.

## 15. Key sources of information about the programme

### Objectives:

A1. Basic principles of general surgery (fluids, wound healing, SSI, instruments)

A2. Care for the trauma patient based on (ATLS) guidelines

A3. Approach to common problems and symptoms in surgery (e.g. acute abdomen, breast lumps, SSI, bleeding per-rectum, goiter, care for the diabetic foot).

A4. Ethical and medico-legal considerations in the surgical patient.





10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding: Mentioned above

- A1.
- A2.
- A3.
- A4.
- A5.
- A6 .

B. Subject-specific skills: Mentioned above.

- B1.
- B2.
- B3.

Teaching and Learning Methods

Mentioned above

Assessment methods

Mentioned above

C. Thinking Skills: Mentioned above.

- C1.
- C2.
- C3.
- C4.

Teaching and Learning Methods

Mentioned above

Assessment methods

Mentioned above.

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

- D1.
- D2.
- D3.
- D4.

### 11. Course Structure

Week	Hours	IL Os	Unit/Module or Topic Title	Teaching Method	Assessment Method
14 ws	36 hour/week		Clinical Surgery	Physical attendance + E-Learning	Examination at the end of the course and also the final examination include: 1. Short case examination. 2. OSCE examination. 3. Oral examination. 4. Written examination. 5. Seminars. 6. Daily attendance and activities.

### 12. Infrastructure

Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	1. Bailey and Love's short practice of surgery. 2. Hamilton Bailey's demonstration of physical signs in clinical surgery. 3. McLeod's clinical diagnosis.
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Special requirements (include for example workshops, periodicals, IT software, websites)	N/A
Community-based facilities (include for example, guest Lectures , internship , field studies)	N/A

13. Admissions	
Pre-requisites	Passed the 5 <sup>th</sup> year successfully.
Minimum number of students	Not specified.
Maximum number of students	Not specified.

*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: Alnahrain*  
*College : medical college*  
*Department : surgery*  
*Date Of Form Completion : 13/9/2021*

*Dean's Name*  
*Date :     /     /*

*Dean's Assistant For  
Scientific Affairs*

*Signature*

*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	
2. University Department/Centre	Alnahrain, Medical College, Surgery department
3. Programme Title	Surgical emergencies/theory
4. Title of Final Award	M.B.Ch.B
5. Modes of Attendance offered	Student actual attendance
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	13/9/2021
9. Aims of the Programme	
The students should acquire the theoretical knowledge of surgical emergencies commonly seen in emergency department, how to recognize their symptoms and signs, and how to treat them	

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

A1. basics of Advance life support progrm

A2. basics of plastic and reconstructive surgery

A3. pathophysiology, presentation, diagnosis, and treatment of different surgical emergencies

A4.

A5.

A6.

### B. Subject-specific skills

B1. the ability to distinguish the different situations and problems considered as surgical emergencies.

B2.

B3.

### Teaching and Learning Methods

Theoretical lectures via Data show, and slides presentation, with oral discussion

### Assessment methods

Questions and answers during the lectures, oral quizez, and written assessment

### C. Thinking Skills

C1. relating different symptoms and signs faced in emergency departement

C2. corelate the specific disease and the required primary steps of management

C3.

C4.

### Teaching and Learning Methods

Theoretical lectures via data show and slides

### Assessment methods

Oral quiz, and written exams



### 13. Personal Development Planning

### 14. Admission criteria .

Degree of the student in the final exam

### 15. Key sources of information about the programme

Baily an love textbook of surgery.  
ATLS basic program curriculum.





Week	Lecturer	Content area	Objectives
1	ا.م.د. احمد عبدالرزاق	<b>Burn</b>	<ul style="list-style-type: none"> <li>-demonstrate knowledge in the physiology of burn.</li> <li>-ability to assess degree of burn.</li> <li>-Ability to plan proper management according to the degree of burn.</li> <li>-demonstrate knowledge in burn sequel.</li> </ul>
	ا.م.د. حمد عبدالرزاق	<b>Skin graft / flap</b>	<ul style="list-style-type: none"> <li>-differentiate between skin graft &amp; flap.</li> <li>-demonstrate knowledge in the uses of skin graft &amp; flap</li> <li>-demonstrate knowledge in reconstructive ladder.</li> </ul>
2	ا.م.د. احمد عبدالرزاق	<b>Pressure sore</b>	<ul style="list-style-type: none"> <li>-ability to define pressure sore &amp; stage it.</li> <li>-demonstrate knowledge in the pathophysiology of pressure sore.</li> <li>-demonstrate knowledge in basic principles of pressure sore manage</li> </ul>
	م.د. جعفر عامر	<b>Cleft lip and cleft</b>	<ul style="list-style-type: none"> <li>-demonstrate knowledge in congenital craniofacial cleft</li> <li>-demonstrate knowledge in risk factors to develop cleft lip and palat</li> <li>-ability to plan proper non-surgical management of cleft lip and palat</li> <li>-demonstrate knowledge in the basic principles of surgical managem</li> <li>-demonstrate knowledge in the common sequel of cleft lip and palat</li> </ul>
3	م.د. نوفل كامل	<b>ATLS(part I)</b>	<ul style="list-style-type: none"> <li>-Demonstrate knowledge in ATLS</li> <li>-approaching different life threatening situations.</li> </ul>
	م.د. نوفل كامل	<b>ATLS(part II)</b>	<ul style="list-style-type: none"> <li>-ability to properly manage different life threatening situations.</li> </ul>
4	ا.م.د. بشار عباس	<b>Small and large bowel Injuries &amp;stoma</b>	<ul style="list-style-type: none"> <li>-demonstrate knowledge in small &amp; large bowel anatomy.</li> <li>-ability to differentiate smaal &amp; large bowel injury.</li> <li>-demonstrate knowledge in the proper management of small &amp; large</li> </ul>
	ا.م.د. قحطان عدنان	<b>Breast</b>	<ul style="list-style-type: none"> <li>-demonstrate knowledge in breast anatomy, and basic physiology.</li> <li>-ability to manage breast masses.</li> </ul>
5	ا.م.د. قحطان عدنان	<b>Breast</b>	<ul style="list-style-type: none"> <li>-ability to differentiate between benign &amp; malignant breast diseases.</li> <li>-ability to manage benign breast conditions.</li> </ul>

			-demonstrate basic knowledge in malignant breast management pro
	ا.م.د. احسان صبحي	<b>Management of head trauma</b>	-demonstrate knowledge in approaching patient with head trauma. -ability to manage cases of head trauma at the surgical emergency de
6	ا.د. ياسر محمد	<b>Management of spinal trauma</b>	-Demonstrate knowledge in different types of spinal trauma. -Ability to diagnose spinal trauma. -ability to manage spinal trauma at the emergency department.
	م.د. جعفر عامر	<b>Maxillofacial trauma</b>	-demonstrate knowledge in the basic principles of managing facial tra -ability to assess maxillofacial trauma clinically. -ability to properly manage maxillofacial trauma patients.
7	ا.م.د. تقي سعدون	<b>Head and neck</b>	-to know diagnosis & treatment of cervical masses, salivary glands, &
	ا.م.د. تقي سعدون	<b>Head and neck</b>	-causes of diseases, investigations, benign & malignant tumors and th
8	ا.د. ساجد حميد	<b>Liver &amp; spleen trauma</b>	-to know diagnosis, investigations & treatment of liver & spleen injur
	م.د. عمار نوري	<b>Anesthetic preop. and intraop. management (LA)</b>	-demonstrate knowledge in basic pharmacology of local anesthetic d -ability to manage different complications and squeal of local anesth
9	م.د. عمار نوري	<b>Anesthetic intraop. (GA) and postop. management</b>	.-demonstrate knowledge in basic pharmacology of general anesthet -ability to manage different complications and squeal of general anes
	م.د. سيف حميد	<b>Trauma to the urinary system(part I)</b>	-demonstrate knowledge in anatomy of urinary system. -ability to diagnose kidney trauma and manage it.
10	م.د. ليث عامر	<b>Trauma to the urinary system(part II)</b>	-ability to manage ureter and bladder trauma. -ability to manage external genital trauma.
	م.د. علاء كسار	<b>Venous diseases</b>	-To know the pathophysiology of venous disorders. -ability to diagnose venous diseases and treat them accordingly.
11	م.د. علاء كسار	<b>Venous ulcer DVT</b>	-ability to define venous ulcers.



			-to know management of venous ulcers. -ability to define deep venous thrombosis. -to know the proper management of DVT.
	م.د. علاء كسار	<b>Aortic abdominal aneurysm</b>	-demonstrate knowledge in anatomy of aortic artery. -ability to diagnose different types of aortic aneurysms. Ability to manage different types of aortic aneurysms.
12	م.د. ياسر عامر	<b>Chest trauma</b>	-to know diagnosis & investigations & treatment of chest trauma
	م.د. ياسر عامر	<b>Vascular trauma</b>	-to know the basic anatomy of vascular system. -ability to approach patients with vascular trauma. -ability to manage different vascular trauma.
13	م.د. عباس جعفر	<b>Gangrene</b>	-ability to define gangrene. -to know the different types of gangrene. -ability to properly asses patients with gangrene and manage it accor
	م.د. عباس جعفر	<b>Lymphatic disease</b>	-to know the anatomy of lymphatic system. -ability to diagnose lymphatic diseases and there management.
14	ا.م.د. تقى سعدون	<b>Surgical oncology</b>	-to know the concepts of surgical oncology, and basic management p
	م.د. عمار نوري	<b>Pain management</b>	-demonstrate knowledge in anatomy and physiology of pain. -demonstrate knowledge in concepts of pain management.

## 12. Infrastructure

### Required reading:

- CORE TEXTS
- COURSE MATERIALS
- OTHER

Baily and love textbook of general surgery •

Special requirements (include for example workshops, periodicals, IT software, websites)	Available websites
Community-based facilities (include for example, guest Lectures , internship , field studies)	none

13. Admissions	
Pre-requisites	
Minimum number of students	100
Maximum number of students	150

*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 Nahrain*

*College : medicin*

*Department : surgery*

*Date Of Form Completion :*

*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	Al Nahrain university
2. University Department/Centre	Al Nahrain Medical college
3. Programme Title	Urology and nephrology
4. Title of Final Award	
5. Modes of Attendance offered	Attendance
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	٢٠١٢/٩/١٤
9. Aims of the Programme	
The students will be able to know the diagnosis of and management of the main problem in the urosurgery and nephrology fields	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

- A1.the main diseases of the urinary system and their treatments
- A2.
- A3.
- A4.
- A5.
- A6.

B. Subject-specific skills

- B1 how to diagnose the problem
- B2.
- B3.

Teaching and Learning Methods

It's a theory course giving lectures for urosurgery problems about two third of the course and the other third for nephrology. The course given in 2 per week lecture each for 1 hr. the in a 15 week course

Assessment methods

Quiz for assessment in random done  
Mid term exam  
Final exam  
The degree to pass is 50

C. Thinking Skills

- C1. Probleme based and interactive teaching lectures
- 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

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

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### 13. Personal Development Planning

By adding more interactive features to the course and more demonstrations

### 14. Admission criteria .

### 15. Key sources of information about the programme

The update guidelines of medical texts and articles







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

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	

*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: Alnahrain*  
*College : medical college*  
*Department : surgery*  
*Date Of Form Completion : 13/9/2021*

*Dean's Name*  
*Date : / /*

*Dean's Assistant For  
Scientific Affairs*

*Signature*

*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	
2. University Department/Centre	Alnahrain, Medical College, Surgery department
3. Programme Title	Surgical emergencies/theory
4. Title of Final Award	M.B.Ch.B
5. Modes of Attendance offered	Student actual attendance
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	13/9/2021
9. Aims of the Programme	
The students should acquire the theoretical knowledge of surgical emergencies commonly seen in emergency department, how to recognize their symptoms and signs, and how to treat them	

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

A1. basics of Advance life support program

A2. basics of plastic and reconstructive surgery

A3. pathophysiology, presentation, diagnosis, and treatment of different surgical emergencies

A4.

A5.

A6.

### B. Subject-specific skills

B1. the ability to distinguish the different situations and problems considered as surgical emergencies.

B2.

B3.

### Teaching and Learning Methods

Theoretical lectures via Data show, and slides presentation, with oral discussion

### Assessment methods

Questions and answers during the lectures, oral quizez, and written assessment

### C. Thinking Skills

C1. relating different symptoms and signs faced in emergency departement

C2. corelate the specific disease and the required primary steps of management

C3.

C4.

### Teaching and Learning Methods

Theoretical lectures via data show and slides

### Assessment methods

Oral quiz, and written exams



### 13. Personal Development Planning

### 14. Admission criteria .

Degree of the student in the final exam

### 15. Key sources of information about the programme

Baily an love textbook of surgery.  
ATLS basic program curriculum.







Week	Lecturer	Content area	Objectives
1	ا.م.د. احمد عبدالرزاق	<b>Burn</b>	-demonstrate knowledge in the physiology of burn. -ability to assess degree of burn. -Ability to plan proper management according to the degree of burn. -demonstrate knowledge in burn sequel.
	ا.م.د. حمد عبدالرزاق	<b>Skin graft / flap</b>	-differentiate between skin graft & flap. -demonstrate knowledge in the uses of skin graft & flap -demonstrate knowledge in reconstructive ladder.
2	ا.م.د. احمد عبدالرزاق	<b>Pressure sore</b>	-ability to define pressure sore & stage it. -demonstrate knowledge in the pathophysiology of pressure sore. -demonstrate knowledge in basic principles of pressure sore manage
	م.د. جعفر عامر	<b>Cleft lip and cleft</b>	-demonstrate knowledge in congenital craniofacial cleft -demonstrate knowledge in risk factors to develop cleft lip and palat -ability to plan proper non-surgical management of cleft lip and palat -demonstrate knowledge in the basic principles of surgical managem -demonstrate knowledge in the common sequel of cleft lip and palat
3	م.د. نوفل كامل	<b>ATLS(part I)</b>	-Demonstrate knowledge in ATLS -approaching different life threatening situations.
	م.د. نوفل كامل	<b>ATLS(part II)</b>	-ability to properly manage different life threatening situations.
4	ا.م.د. بشار عباس	<b>Small and large bowel Injuries &amp;stoma</b>	-demonstrate knowledge in small & large bowel anatomy. -ability to differentiate smaal & large bowel injury. -demonstrate knowledge in the proper management of small & large
	ا.م.د. قحطان عدنان	<b>Breast</b>	-demonstrate knowledge in breast anatomy, and basic physiology. -ability to manage breast masses.
5	ا.م.د. قحطان عدنان	<b>Breast</b>	-ability to differentiate between benign & malignant breast diseases. -ability to manage benign breast conditions.

			-demonstrate basic knowledge in malignant breast management pro
	ا.م.د. احسان صبحي	<b>Management of head trauma</b>	-demonstrate knowledge in approaching patient with head trauma. -ability to manage cases of head trauma at the surgical emergency de
6	ا.د. ياسر محمد	<b>Management of spinal trauma</b>	-Demonstrate knowledge in different types of spinal trauma. -Ability to diagnose spinal trauma. -ability to manage spinal trauma at the emergency department.
	م.د. جعفر عامر	<b>Maxillofacial trauma</b>	-demonstrate knowledge in the basic principles of managing facial tra -ability to assess maxillofacial trauma clinically. -ability to properly manage maxillofacial trauma patients.
7	ا.م.د. تقي سعدون	<b>Head and neck</b>	-to know diagnosis & treatment of cervical masses, salivary glands, &
	ا.م.د. تقي سعدون	<b>Head and neck</b>	-causes of diseases, investigations, benign & malignant tumors and th
8	ا.د. ساجد حميد	<b>Liver &amp; spleen trauma</b>	-to know diagnosis, investigations & treatment of liver & spleen injur
	م.د. عمار نوري	<b>Anesthetic preop. and intraop. management (LA)</b>	-demonstrate knowledge in basic pharmacology of local anesthetic d -ability to manage different complications and squeal of local anesth
9	م.د. عمار نوري	<b>Anesthetic intraop. (GA) and postop. management</b>	.-demonstrate knowledge in basic pharmacology of general anesthet -ability to manage different complications and squeal of general anes
	م.د. سيف حميد	<b>Trauma to the urinary system(part I)</b>	-demonstrate knowledge in anatomy of urinary system. -ability to diagnose kidney trauma and manage it.
10	م.د. ليث عامر	<b>Trauma to the urinary system(part II)</b>	-ability to manage ureter and bladder trauma. -ability to manage external genital trauma.
	م.د. علاء كسار	<b>Venous diseases</b>	-To know the pathophysiology of venous disorders. -ability to diagnose venous diseases and treat them accordingly.
11	م.د. علاء كسار	<b>Venous ulcer DVT</b>	-ability to define venous ulcers.

			-to know management of venous ulcers. -ability to define deep venous thrombosis. -to know the proper management of DVT.
	م.د. علاء كسار	<b>Aortic abdominal aneurysm</b>	-demonstrate knowledge in anatomy of aortic artery. -ability to diagnose different types of aortic aneurysms. Ability to manage different types of aortic aneurysms.
12	م.د. ياسر عامر	<b>Chest trauma</b>	-to know diagnosis & investigations & treatment of chest trauma
	م.د. ياسر عامر	<b>Vascular trauma</b>	-to know the basic anatomy of vascular system. -ability to approach patients with vascular trauma. -ability to manage different vascular trauma.
13	م.د. عباس جعفر	<b>Gangrene</b>	-ability to define gangrene. -to know the different types of gangrene. -ability to properly asses patients with gangrene and manage it accor
	م.د. عباس جعفر	<b>Lymphatic disease</b>	-to know the anatomy of lymphatic system. -ability to diagnose lymphatic diseases and there management.
14	ا.م.د. تقى سعدون	<b>Surgical oncology</b>	-to know the concepts of surgical oncology, and basic management p
	م.د. عمار نوري	<b>Pain management</b>	-demonstrate knowledge in anatomy and physiology of pain. -demonstrate knowledge in concepts of pain management.

## 12. Infrastructure

### Required reading:

- CORE TEXTS
- COURSE MATERIALS
- OTHER

Baily and love textbook of general surgery •

Special requirements (include for example workshops, periodicals, IT software, websites)	Available websites
Community-based facilities (include for example, guest Lectures , internship , field studies)	none

13. Admissions	
Pre-requisites	
Minimum number of students	100
Maximum number of students	150

*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: Alnahrain*  
*College : medical college*  
*Department : surgery*  
*Date Of Form Completion : 13/9/2021*

*Dean's Name*  
*Date :    /    /*

*Dean's Assistant For  
Scientific Affairs*

*Signature*

*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	
2. University Department/Centre	Alnahrain, Medical College, Surgery department
3. Programme Title	Ophthalmology course theoretical/practical
4. Title of Final Award	M.B.Ch.B
5. Modes of Attendance offered	Student actual attendance
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	13/9/2021
9. Aims of the Programme	
The students should acquire the theoretical knowledge of eye diseases, how to recognize their symptoms and signs, and how to treat them	



## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

A1.basic anatomy of the eye structures

A2.terminology used in ophthalmology

A3.pathophysiology, presentation, diagnosis, and treatment of eye diseases

A4.

A5.

A6.

### B. Subject-specific skills

B1.the ability to distinguish the different eye structures

B2.

B3.

### Teaching and Learning Methods

Theoretical lectures via Data show, and slides presentation, with oral discussion

### Assessment methods

Questions and answers during the lectures, oral quizez, and written assessment

### C. Thinking Skills

C1.relatng different symptoms and the involved part of the eye

C2.corelate the specific disease and the required eye examination

C3.

C4.

### Teaching and Learning Methods

Theoretical lectures via data show and slides

### Assessment methods

Oral quiz, and written exams



### 13. Personal Development Planning

### 14. Admission criteria .

Degree of the student in the final exam

### 15. Key sources of information about the programme

The usual ophthalmology programme in other national and foreign medical colleges





10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

A1.basic anatomy of eye structures

A2.terms used in ophthalmology

A3.pathophysiology , presentation, diagnosis, and treatment

A4.

A5.

A6 .

B. Subject-specific skills

B1.the ability to distinguish the different eye structures

B2.

B3.

Teaching and Learning Methods

Theoretical lectures using data show, slides and oral discussion

Assessment methods

Quizez , mid term, and final written exam

C. Thinking Skills

C1.relatig eye symptoms and the involved part of the eye

C2.correlate the specific disease and the appropriate exam required

C3.

C4.

Teaching and Learning Methods

Theoretical lectures using data show, slides, and oral discussion

Assessment methods

Quiz, mid term exam , and final written exam

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

D1. eye examination technique

D2. elicit ophthalmological signs relevant to systemic diseases

D3.

D4.

## 11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2		1-Anatomy of the eye 2-refractive errors	lectures	Mid term and final exam
2	2		1-eyelid diseases 1 2-eyelid diseases 2	lectures	
3	2		1-corneal diseases 1 2-corneal diseases 2	lectures	
4	2		1-conjunctiva 2-squint 1	lectures	
5	2		1-lens diseases 2-glaucoma 1	lectures	
6	2		1-glaucoma 2 2-orbit diseases 1	lectures	Mid term and final exam
7	2		1-orbit diseases 2 2-squint 2	lectures	Mid term and final exam
8	2		1-orbital tumours 2-retinal detachment	lectures	
9	2		1-retinal diseases 1 1-retinal diseases 2	lectures	
10	2		1-neuroophthalmology 1 2-neuroophthalmology 2	lectures	Midterm and final written exam



11	2		1-lacrimal diseases 2-eye trauma	lectures	Midterm and final exam
12	2		1-uveitis 2-laser in ophthalmology	lectures	Midterm and final exam

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	Kanski clinical ophthalmology Ophthalmic lectures
Special requirements (include for example workshops, periodicals, IT software, websites)	Available websites
Community-based facilities (include for example, guest Lectures , internship , field studies)	none

13. Admissions	
Pre-requisites	
Minimum number of students	100
Maximum number of students	150