



## كيفية إعداد توصيف المقررات الدراسية للدراسات العليا

توصيف المقررات الدراسية يتضمن توضيح أقل المتطلبات الواجب توافرها في طالب الدراسات العليا للحصول على درجة الماجستير والدكتوراه. يشمل توصيف المقرر الدراسي الآتي:

- الأهداف التعليمية للدرجة العلمية
- المعرفة والمهارات التي يجب أن يحصل عليها الطالب في نهاية فترة الدراسة والتدريب
- طرق التدريس (مثال: محاضرات ، ورش عمل ، تدريب معلمي)
- محتويات المنهج العلمي (الموضوعات العلمية ومراجعتها، عدد ساعات تدريس الجزء النظري والعملي والإكلينيكي)
- طرق تقييم الطالب ( مثال: الامتحانات بكافة صورها، الحضور، المقال العلمي ، log book)
- نظام الامتحانات وكيفية توزيع الدرجات
- طرق التقييم للمقرر الدراسي
- المراجعة السنوية والمسئولين عنها.

### PROGRAMME SPECIFICATION FOR POSTGRADUATE DEGREE

This specification provides a concise summary of the main features of the course and the learning outcomes that a typical candidate might reasonably be expected to achieve and demonstrate if he or she takes full advantage of the learning opportunities provided. More detailed information on the specific learning outcomes, context and the teaching, learning and assessment methods of each module can be found in the Programme Descriptions Handbook.



## COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

### (A) Administrative information

(1) Programme offering the course.	Pediatric Surgery
(2) Department offering the programme.	Pediatric Surgery Pathology
(3) Department responsible for teaching the course.	Pediatric Surgery Pathology
(4) Part of the programme.	First Part
(5) Date of approval by the Department`s council	9/8/2016
(6) Course title.	Special Surgical Pathology
(7) Course code.	SUR 620 SSP  SUR 605
(8) Total teaching hours.	30

## **(B) Professional information**

### **(1) Course Aims.**

The broad aims of the course are as follows.

- 3- Teach the basic medical science related to Clinical surgical practice as anatomy and pathology with concern to different pathological disorders and how to predict complications.
- 2- Prepare our candidates to acquire knowledge, competencies, skills and applications in different branches of Surgical Pathology.
- 3- Integrate different pathological disorders with environmental factors that may play a role in many related diseases.
- 4- Communicate and interpret pathological data and how to reach to a surgical solution.
- 5- Know pathological basis of different surgical specialties.
- 6- Give our candidate the ability to integrate the Surgical Pathology data properly in service of Surgery and the ability to integrate data obtained from clinical examination and investigations properly for ideal management for the surgical patient.

## **(2) Intended Learning Outcomes (ILOs):**

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

### **A- Knowledge and Understanding**

- A1. Recognize the epidemiology and geographical distribution of pediatric surgical diseases and search about the environmental factors accused.
- A2. Identify the Molecular, biochemical, and cellular mechanisms which are important in maintaining the body homeostasis.
- A3. Explain the major immunological modulation and responses of both viral and malignant diseases.
- A4. Recognize the pathological aspects of opportunistic and nosocomial infections
- A5- Distinguish the gross features of different pediatric surgical pathologies.
- A6- Recognize the medico-legal aspects of different pathological diseases in pediatrics..

### **2- Intellectual activities (I)**

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

#### **B- Intellectual skills**

- B1. Choose the suitable diagnostic techniques concerning the surgical problems encountered (microscopy, serology or molecular biology..... etc ).
- B2. Apply these skills specially with emergent and urgent cases.
- B3. Relate the examination findings, investigational results and history taking to the basics of pathological knowledge to reach proper diagnosis of a surgical patients.
- B4. Explain admission and discharge criteria for surgical patients of various conditions guided by the pathological background.
- B5. Enlist the differential diagnosis of cases of surgical patient directed by the pathological knowledge.
- B6. Differentiate between healthy and pathological tissues on performing surgical procedures.

(3) Course content:

Subjects	Lectures	Total Teaching Hours
<b><u>A. General</u></b> 1- Oncogenesis. 2- Organs Transplantation. 3- Wound healing. 4- Inflammation. 5- Hemostasis.	4	4
<b><u>B. Childhood tumors</u></b> 1- Neuroblastoma. 2- Wilms' tumor. 3- Hepatic tumors. 4- Teratomas. 5- Gonadal tumors. 6- Soft tissue sarcoma. 7- Lymphoma. 8- Thyroid tumors. 9- Hemangiomas & vascular malformation.	10	10
<b><u>C. GIT</u></b> 1- Gastroesophageal reflux disease & Hiatus hernias. 2- Infantile hypertrophic pyloric stenosis. 3- Intestinal atresia. 4- Necrotizing enterocolitis.	10	10

<p>5- Meconium ileus.</p> <p>6- Meckel's diverticulum.</p> <p>7- Intussusception.</p> <p>8- Duplications of the alimentary tract.</p> <p>9- Hirschsprung's disease.</p> <p>10- Appendicitis.</p> <p>11- Inflammatory bowel disease</p>		
<p><b><u>D. Hepatobiliary, Spleen, Pancreas</u></b></p> <p>1- Biliary atresia.</p> <p>2- Choledochal cyst.</p> <p>3- Portal hypertension.</p> <p>4- Gall bladder diseases.</p> <p>5- Pancreatic disorders.</p> <p>6- Splenic disorders.</p>	<p>5</p>	<p>5</p>
<p><b><u>E. Urogenital system</u></b></p> <p>1- Cystic renal diseases.</p> <p>2- Testicular torsion.</p>	<p>1</p>	<p>1</p>

**(4) Teaching methods:**

- 4.1:lectures
- 4.2: specimen demonstration

**(5) Assessment methods:**

Written and MCQ exam for assessment of knowledge and intellectual skills.

Assessment schedule:

Final exam:

Percentage of each Assessment to the total mark.

Written exam: 80 marks and MCQ exam: 20 marks represent 50% of the total marks of the first part.

**(6) References of the course:**

6.1: Hand books: Departmental book

6.2: Text books: Rosai Ackermanns–Surgical Pathology

6.3: Journals:.....

6.1: Websites:.....

6.1: Others:.....

**(7) Facilities and resources mandatory for course completion.**

**Lecture halls**

**(8) Evaluation of Programme's intended learning outcomes (ILOs).**

Evaluator	Tools*	Signature
Internal evaluator (s) Prof.Dr. Mohammed El-Ghazaly Prof.Dr. Kamal Abd El-Elah Ass Prof.Dr. Adham El-Said	Focus group discussion Meetings	
External Evaluator (s) Prof. Gamal Eldin El-Tagy Prof. Sherif Shehata	Reviewing according to external evaluator checklist report.	
Senior student (s)	none	
Alumni	none	
Stakeholder (s)	none	
Others	none	

\* TOOLS= QUESTIONNAIRE, INTERVIEW, WORKSHOP, COMMUNICATION, E\_MAIL

We certify that all information required to deliver this programme is contained in the above specification and will be implemented. All course specification for this programme are in place.	
<b>Programme coordinator:</b> Ass Prof. Adham Ahmad Elsaid Lect. Hesham Mahmoud Sheir	Signature & date:
<b>Head of pediatric surgery Department</b> Prof. Dr. Mohamed El-Ghazaly Waly	
<b>Dean:</b> Prof. Dr. El Said Abdel Hady	Signature & date:
<b>Executive director of the quality assurance unit.</b> Prof.Dr. Seham Gad El-Hak	Signature & date: