



Programme Specifications for master degree of Urology

A- Basic Information

- 1- Programme Title: Master degree in Urology
- 2- Programme Type: Single ☒ Double ☐ Multiple ☐
- 3- Department (s): Urology
- 4- Coordinator: Assoc. Prof. Dr. Mahmoud Hegazy / Dr. Khlaed Mahmoud
- Director: Professor Prof. Dr. Ahmed El-Sakka, head of urology department
- 5- External Evaluator(s): Prof. Dr. Abdellatif Zayed
- 6- Last date of programme specifications approval: December 2017
- 7- Last date of Program specification revisions approval: 2018
- 8- Number of credit points for this degree: 120 CP (First part 30 CP, Thesis 30 CP, and second part 60 CP).

B- Professional Information

1- Programme Aims

The overall goals of the program are to develop a urologist with the following characteristics:

1. To establish a way of communication with other clinicians and patients and to be capable of providing essential urology health care within hospitals and to the community as a urology specialist.
2. To determine and to face community health problems affecting genitourinary system.
- 3 To understand the role of continuous medical education and evidence-based medicine, in clinical decision-making, knowledge generation, and interpretation.

2- Intended Learning Outcomes (ILOs)

a- Knowledge and Understanding:

- a.1 Explain structure and functions of genito urinary system in different phases of life.
- a.2 Explain the pathology of genitourinary system diseases and line of management.
- a.3 Recognize information resources to evaluate evidence-based information
- a.4 Identify basic and medicolegal aspects and ethics of professional practice and scientific research and its reflection on environment.
- a.5 Identify basis and principles of quality assurance in professional practice.

b- Intellectual Skills

- b.1 Interpret findings from appropriate peer-reviewed journals.
- b.2 Integrate the basic and clinical sciences necessary for effective consultation in Urology
- b.3 Interpret efficiently the collected data from the patients to reach the proper diagnosis.
- b.4 Delineate the plan of management of the urological disorder in an integrated manner.

c- Professional and Practical Skills

- c.1 Take a complete patient history.
- c.2 Perform medical examination in general and detailed urological clinical examination with proper interpretation.
- c.3 Perform procedures and interventions required for management of certain urological disorders.
- c.4 Practice health education and promotion.

d- General and Transferable Skills

- d.1 Collaborate with members of other departments.
- d.2 master computer skills
- d.3 perform effectively in oral communications
- d.4 Present work in a clear and interesting way. or (Master effective presentation skills)
- d.5 Communicate effectively with patients, family, peers, and community
- d.6 Interact with others without discriminating on the basis of religious, ethnic, sexual, or educational differences.
- d.7 Demonstrate positive work habits, including punctuality, dependability, and professional appearance.
- d.8 Demonstrate a responsiveness to the needs of patients and society that supersedes self-interest.
- d.9 Demonstrate principles of confidentiality with all information transmitted both during and outside of a patient encounter.

- d.10 Demonstrate knowledge of evidence-based urology and apply its principles in practice.

3- Academic Standards

3a External References for Standards (Benchmarks)

The generic Academic Reference Standards (ARS) of NAQAAE for Postgraduate (2009)

3b Comparison of Provision to External References

See attached document

4- Curriculum Structure and Contents

4a- Program duration: the program lasts for a minimum of 2 academic years and maximum 5 years, as specified in the internal bylaws for postgraduate studies based on credit points system in the Faculty of Medicine, Suez Canal University approved on February 7th, 2016.

4b- Program structure:

Master Program Credit points (CP) structure:

Total needed credit points for getting master degree 120 CP

The program consists of **First part 30 CP, Thesis 30 CP, and Second part 60 CP**

1. The first part of the program: 30 CP, its duration (15 weeks) for one academic semester. It includes
 - a. A course in Research Methodology and biostatistics planned and held in the Community Medicine Department of the Faculty of Medicine, Suez Canal University. This part includes 4 CP.
 - b. A courses in Research ethics planned and held in the Forensic and Toxicology Department of the Faculty of Medicine, Suez Canal University. This part includes 2 CP.
 - c. One elective course, the students should select one elective among six courses. This part includes 2 CP.
 - d. The specialized course in anatomy and histology. It includes 6 CP.
 - e. Course in general surgery. It includes 6 CP
 - f. Courses in physiology, Biochemistry, pharmacology, pathology, and microbiology, each of 2 CP.
2. Master thesis: 30 CP, not included in the total marks for master degree, the candidate has the right to register the thesis protocol after 6 months from the degree registration. The thesis defense is allowed after 6 months from the date of the faculty council approval on the thesis protocol and passing the first part exam.
3. The second part of the program: 60 CP, its duration (45 weeks) for 3 consecutive academic semesters. The second part comprises the specialized courses in urology, planned and held in the urology Department. This part lasts for 1.5 years ending by written and practical exams.

4bi- No. of hours per week: 2 CP / week which equivalent 50 hours/ week, including lectures, tutorials, self-learning and hands-on training.

4bii- No. of credit Points: the Master program is 120 Credit Points

Every credit point include 25 working hour (30% = 7 hours for face to face learning activities, and 70% =18 hours for self-learning activities).

5-Program Courses

5.1- Level/Year of Program: 1st part MSc

a. Compulsory

Courses			Assessment				
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam
			No of Papers	Duration	Marks		
RB	Research methodology and Biostatistics	4	1	2 hours	80		
RE	Research Ethics	2	1	1 hour	40		
USUS01	Anatomy and histology	6	1	3 hours	90	30	
USUS02	Physiology	2	1	1 hour	30	10	
USUS03	Biochemistry	2	1	1 hour	30	10	
USUS04	Pharma	2	1	1 hour	30	10	
USUS05	Pathology	2	1	1 hour	30	10	
USUS06	Micro	2	1	1 hour	30	10	
USUS07	General surgery	6	1	3 hours	55	15	50
E	Elective Course*	2	1	1 hour	40		
Total		30 credit points			600 marks**		

***E: Student should select one course of the following as an elective course:**

One elective course has 2 CP. The students should select one elective in first part of the Master degree

E01	Evidence Based medicine	(Community Department)
E02	Scientific Writing	(Medical Education Department)
E03	Quality in Medical Education	(Medical Education Department)
E04	Infection Control	(Microbiology Department)
E05	Critical Appraisal	(Community Department)
E06	Communication Skills	(Medical Education Department)

5.2- Level/Year of Programme: 2nd part MSc

a. Compulsory

Courses			Assessment					
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam	Continues assessment *(Portfolio)
			No of paper	Duration	Marks			

			s					
USUS08	• Advanced Course in Urology	15	2	3 hours For each paper	165 for each paper	110	330	330
	• Practical training in Advances of urology	40						
	***Scientific activities	5 (not included in the total marks)						
Total		60 credit points			**1100 score			

* Portfolio scores distributed in the different parts of the portfolio and its total score included among the total mark of the second part

**Every credit point equal 20 marks

***Scientific activities are not included in the total marks

6- Programme Admission Requirements

- Bachelor of Medicine & surgery with minimum good grade
- Registration for the program opens 2 times/year, according to the internal bylaws for postgraduate studies of the Faculty of Medicine, Suez Canal University.

7- Student Assessment Methods

7.1 Written (MEQ) to assess the cognitive domain.

7.2 MCQs to assess the cognitive domain

7.3 Oral Viva Cards to assess higher cognitive and attitude domains.

7.4 Observations to assess practical and presentation skills.

7.5 Portfolio to assess the cognitive, psychomotor and the affective domains.

8- Weighting of Assessments

Total marks for master degree 1700

Type of exam	
First part (30 credit points= 600 mark)	
• Written exam	455
• Oral and practical exam	145
• <u>Total</u>	600
Second part (60 credit points including 5 credit points not included in the total marks =1100 mark)	

• Oral exam	110
• Practical exam	330
• Written exam	330
• Portfolio	330
<u>Total</u>	1100

Total of the Master degree

1700

9- Regulations for Progression and Programme Completion

First part

Passing level 60% of total marks of the exam

At least 50% passing level of the total written exam marks

Second part

Passing level 60% of total marks of the exam

Passing level 60% is prerequisite for MSC degree

Thesis/Assay

Passing thesis defense is prerequisite for getting MSc. Degree

10- Evaluation of Programme Intended Learning Outcomes

Evaluator	Tool	Sample
1- Senior students	Questionnaires	Random sample of participants
2- Alumni	Questionnaires	Comprehensive sample
3- Stakeholders (Employers)	Interviews	Random sample
4-External Evaluator(s) (External Examiner(s))	Attending exam (using checklist and/or rating scale)	
5- Other		

Course Coordinator

Head of Department

Ass. Prof. Mahmoud Hegazy

Prof. Dr. Ahmed El-Sakka

Dr. Khaled Mahmoud

Date : 17/01/2018

Annex 1

Attach Course Specifications