



Programme Specification for MD in Urology

Programme Specification

A- Basic Information

- 1- Programme Title: Doctorate degree in Urology
- 2- Programme Type: Single ☒ Double ☐ Multiple ☐
- 3- Department (s): Urology
- 4- Coordinator: Asst. Prof. Dr. Mahmoud Hegazy / Dr. Khaled Mahmoud
 - Director: 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: 2022
- 8- Number of credit points for this degree: 180 CP (First part 30 CP, Thesis 50 CP, and second part 100 CP).

B- Professional Information

1- Programme Aims

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

1. To establish a way of communication as a medical consultant to other clinicians and to patients, as well as being capable of providing urology health care within hospitals and to the community.
2. To link medical education with true health needs so that the urologists are able to determine and to face community health problems affecting genitourinary system. .
3. To establish conjunction with ministry of health and other agencies providing health care for development of an integrated health care system and a health man power development system in Suez Canal area.
4. To understand the role of research, in its broadest definition, in clinical decision-making, knowledge generation, interpretation, and continuing education in Urology field.

2- Intended Learning Outcomes (ILOs)

By the end of the course, the student should be able to:

a- Knowledge and Understanding:

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

b- Intellectual Skills

- b.1 Use all relevant information resources to evaluate evidence-based information
- b.2 Evaluate the present findings from appropriate peer-reviewed journals.
- b.3 Integrate the basic and clinical sciences necessary for effective consultation in Urology.
- b.4 Interpret efficiently the collected data from the patients to reach the proper diagnosis.
- b.5 Plan management of the urological disorder in an integrated manner.
- b.6 Detect and refer the patients who will need for advanced health care beyond his capabilities.
- b.7 Perform scientific research with risk assessment in professional practice.
- b.8 Able to write scientific paper.

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 Conduct Training program
- c.5 Demonstrate efficiency in providing clinical skills required for appropriate diagnosis, and management of urological diseases (preventive and curative).
- c.6 Perform Research.
- c.7 Conduct Health education and promotion program.

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 the ability to critically assess the scientific literature.
- d.11 Demonstrate knowledge of evidence-based urology and apply its principles in practice.
- d.12 Use multiple sources, including information technology, to optimize lifelong learning and support patient care decisions.
- d.13 Develop personally effective strategies for the identification and remediation of gaps in medical knowledge needed for effective practice.
- d.14 Provide the health man power with an ongoing continuous medical educational programs.

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 3 academic years and maximum 7 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:**MD Program Credit points (CP) structure:****Total needed credit points for getting MD degree 180 C**

The program consists of **First part 30 CP, Thesis 50 CP, and Second part 100 CP**

- 1- **The first part of the program:** 30 CP, its duration (15 weeks) for one academic semester. The first part comprises the following:
 - a. 2 courses in surgical anatomy and pathology in the Anatomy and pathology Departments of the Faculty of Medicine, Suez Canal University. This part includes 9 CP for each.
 - b. Two electives each one has 2 CP. The students should select one elective which has not been selected in the Master Degree.
 - c. The specialized courses in biostatistics planned and held in the Department of community medicine and public health. It includes 8 CP.
- 2- **MD thesis: 50 CP, no scores for thesis. The candidate has the right to register** his/her thesis protocol after 6 months from the degree registration. The first time for thesis defense 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:** 100 CP, its duration (75 weeks) for 5 consecutive academic semesters. The second part comprises the specialized courses in urology, planned and held in the urology. This part lasts for 2 years ending by written and practical exams.

3bi- No. of credit Points: the MD program is 180 credit Point system.

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- Programme Courses**5.1- Level/Year of Program: First part of MD (30 CP)**

Courses			Assessment				
Code No.	Course Title	Credit points	Written Exam			Oral exam	Practical or clinical Exam
			No of Papers	Duration	Marks		
BR	Biostatistics & research	8	1	3 hours	160		
USUS52	Pathology	9	1	3	135	45	
USUS51	Anatomy	9	1	3	135	45	
E	Two Elective courses*	2+2	1+1	1+1	40+40		
Total		30 credit points			600 marks**		

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

Two elective courses each one has 2 CP. The students should select two elective which has not been selected before in 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)

****every credit point equal 20 marks**

5.2- Level /Year of Program: Second part of MD program (100 CP)

Courses			Assessment					
Code No.	Course Title	Credit points	Written Exam			Oral exam	Practical or clinical Exam	Continues assessment *(Portfolio)
			No of papers	Duration	Marks			
USUS53	• Sceintific & theaoritcal Course in Urology	30	3	3 hours +3 hours + 1.5 hour (case)	225 225 90	180	540	540
	•Practical training in Advances urology	60						
	***Scientific activities	10 (not included in the total marks)						
Total		100 credit points			1800**marks			

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

****every credit point equal 20 marks**

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

5.3 Thesis: A faculty senior & junior supervisor from the stuff members are nominated by the department council to prepare a proposal of the thesis protocol after the selection of a subject that is complementary to the research plans of the department. Data collection, methodologies, study question, time table, ethical considerations and budget are formulated by the candidate under guidance of his supervisors into a research project. The research protocol is then peer reviewed by two different stuff members nominated by the Head of the department who share their ideas and comments with the supervisors to reach to the final form. The research protocol is discussed then openly in one of the department councils to be approved and diverted to the Faculty research committee

where it is subjected to a critical appraisal to meet the research basic standards set by the committee. The final approvals of the research protocol are then issued by the committee of post graduate studies, the Faculty and University Council to be registered.

6- Programme Admission Requirements

Master degree in Urology with minimum grade (Good).

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

Type of exam	
First part (30 credit points= 600 mark)	
• Written exam	510
• Oral and practical exam	90
• <u>Total</u>	600
Second part (100 credit points including 10 credit points not included in the total marks =1800 mark)	
• Oral exam	180
• Practical exam	540
• Written exam	540
• Portfolio	540
<u>Total</u>	1800

9- Regulations for Progression and Programme Completion

First part

Passing level 60% of total marks of the exam and 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 MD degree

Thesis/Assay

Passing discussion is required for MD degree

10- Evaluation of Programme Intended Learning Outcomes

Evaluator	Tool	Sample
1- Senior students	Questionnaires	
2- Alumni	Questionnaires	
3- Stakeholders (Employers)	Interviews	
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
Dr. Khaled Mahmoud**

Prof. Dr. Ahmed El-Sakka

Date : 17/12/2017

**Annex 1
Attach Course Specifications**