



Faculty of Medicine

Gynaecology and Obstetrics Department

Suez Canal University

Program Specification M.Sc.

PROGRAM SPECIFICATIONS

Program Title:

Masters of Gynaecology and Obstetrics

Code:

GOGO

Suez Canal University
Faculty of Medicine

Programme Specifications

A- Basic Information

- 1- Programme Title: Master of Obstetrics and Gynecology
- 2- Programme Type: Single Double Multiple
- 3- Department (s): Department of **Gynecology and Obstetrics**
- 4- Coordinator: Head of the department of **Gynecology and Obstetrics**
- Prof. Amal El Shahat
- 5- External Evaluator(s):
- 6- Date of programme specifications approval: the bylaws of the Master program in **Gynecology and Obstetrics** in the Faculty of Medicine, Suez Canal University were approved by the Supreme Council of Universities on 2016.
- 7- Date of program specifications revision approval:
- 8- Number of credit points for this degree: 120 CP

B- Professional Information

1 – Overall Aims of Course

The overall goals of the program are to develop Obstetricians and Gynecologists who:

- Understand and demonstrate the appropriate knowledge, skills and attitudes to perform specialized assessment of patients by means of clinical history taking and physical examination.
- Diagnose and manage women presenting with different gynecologic and obstetric problems.
- Demonstrate appropriate knowledge and skills in surgical procedures in Gynecology and Obstetrics.
- Manage problems effectively and communicate well with patients, relatives and colleagues in a variety of clinical situations, while respecting and conforming to the principles of professionalism and biomedical ethics.
- Develop their teaching and evaluation skills and act as mentors.
- Engage in reflective practice and continuing professional development.

2 – Intended Learning Outcomes of Course (ILOs)

By the end of the program, candidates should be able to:

a- Knowledge and Understanding:

- a1. Identify the patterns of symptoms in women presenting with obstetric and gynecological problems.

- a2. Explain the pathophysiological basis of different physical signs related to gynecologic and obstetric problems.
- a3. Develop basic concepts and principles of anatomy of the abdomen and pelvis logically and clearly to correlate and analyze anatomical principles.
- a4. Develop basic concepts and principles of embryology logically and clearly to correlate and analyze gestational age of the fetus with the period of pregnancy.
- a5. Recognize the indications, risks, benefits and effectiveness of investigations.
- a6. Demonstrate efficient knowledge in maternal medicine, antenatal care and management of labor.
- a7. Describe the management of neonatal and postpartum problems.
- a8. Identify the common causes of delayed conception and describe their management.
- a9. Identify the different family planning methods.
- a10. Provide the students with the essential knowledge of bacteriology, virology and mycology and its applications in the gynaecology and obstetrics field.
- a11. Describe common urogynecologic and pelvic floor problems and describe their management.
- a12. Recognize common pediatric and adolescent gynecologic problems.
- a13. Recognize the principles of diagnosis of sexually transmitted diseases and their management.
- a14. Recognize instruments used in gynecologic and obstetrics procedures.
- a15. To acquire the knowledge of preventive approaches to reproductive health problems
- a16. Provide students with adequate knowledge and skills in research methodology that enable them to design experiments, analyze data, and review literature critically
- a17. Provide students with adequate knowledge and skills in research ethics that enable them to design researches with high ethical consideration.

b- Intellectual Skills

- b1. Relate basic sciences with clinical presentations to explain the pathophysiological bases of gynecologic and obstetrics conditions.
- b2. Develop differential diagnoses for gynecologic and obstetrics presentations.
- b3. Plan for the management of the different gynecologic and obstetrics problems.
- b4. Plan for and select the suitable method of delivery based on the patient's status.
- b5. Select suitable family planning methods tailored for cases.
- b6. Develop comprehensive plans for antenatal and postpartum care.
- b7. Interpret the results of the different investigations performed for gynecologic and obstetrics conditions.
- b8. Refer cases with need for further evaluation and management.

c- Professional and Practical Skills

- c.1 Take and analyze an obstetric and gynecological history in a succinct and logical manner
- c.2 Perform a reliable and appropriate examination of patients presenting with different gynecologic and obstetric conditions.
- c.3 Manage the different stages of labor.
- c.4 Use different surgical instruments effectively to deal with gynecologic and obstetric conditions.

- c.5 Choose appropriate operation
- c.6 Exhibit technical competence
- c.7 Make intra-operative decisions
- c.8 Manage intra-operative problems
- c.9 Communicate with colleagues and relatives
- c.10 Manage complications and deal competently with unexpected complications
Demonstrate respect for woman's dignity and confidentiality.
- c.11 Demonstrate the ability to promote healthy lifestyles.
- c.12 Explain clearly and openly to patients and families treatments, complications and adverse effects of drug and surgical treatments.
- c.13 Respect and apply the principles of biomedical ethics during practice.
- c.14 Assist couples in selecting family planning methods suitable for their condition.
- c.15 Counsel couples about diagnosis and management options.
- c.16 Write informative postoperative reports.
- c.17 Obtain informed consents from patients or their families.
- c.18 Develop a commitment to encourage a culture of patient safety
- c.19 Implement recommended safe medication practices
- c.20 Make safety a priority in every aspect of practice

d- General and Transferable Skills

- d.1 Perform self- and peer-assessment.
- d.2 Choose effective modes of communication (listening, nonverbal, explanatory, questioning) and mechanisms of communication (face-to-face, telephone, e-mail, written), as appropriate.
- d.3 Communicate both verbally and in writing with colleagues
- d.4 Work effectively in a team.
- d.5 Present information clearly in electronic forms.
- d.6 Elicit medical information in effective ways and communicate ideas with others.
- d.7 Work effectively with others as a member or leader of a health care team.
- d.8 work within a changing environment;
- d.9 Teach effectively and act as a mentor to others
- d.10 Manage time effectively.
- d.11 Use computers efficiently
- d.12 Lifelong learning

3- Academic Standards

3a External References for Standards (Benchmarks): The generic Academic Reference Standards (ARS) of NAQAAE for Postgraduate

3b Comparison of Provision to External References (Attached)

4- Curriculum Structure and Contents

4.a- Programme 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.

4.b- Programme structure:

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. The first part comprises the following:
 - a. A course in **Research Methodology** planned and held in the Community Medicine Department of the Faculty of Medicine, Suez Canal University. This part includes 4 CP.
 - b. A course 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. The specialized courses in **Physiology** planned and held in the **Physiology** Department of the Faculty of Medicine, Suez Canal University. It includes 3 CP.
 - d. The specialized courses in **Anatomy** planned and held in the **Anatomy** Department of the Faculty of Medicine, Suez Canal University. It includes 3 CP.
 - e. The specialized courses in **Internal Medicine** planned and held in the **Internal Medicine** Department of the Faculty of Medicine, Suez Canal University. It includes 3 CP.
 - f. A course in Pathology planned and held in the Pathology Department of the Faculty of Medicine, Suez Canal University. This part includes 3 CP.
 - g. A course in Microbiology planned and held in the Clinical Immunology and Microbiology Department of the Faculty of Medicine, Suez Canal University. This part includes 3 CP.
 - h. A course in Public Health planned and held in the Community Medicine Department of the Faculty of Medicine, Suez Canal University. This part includes 2 CP.
 - i. The specialized courses in **Embryology** planned and held in the **Anatomy** Department of the Faculty of Medicine, Suez Canal University. It includes 2 CP.
 - j. The specialized courses in **Surgery** planned and held in the **General Surgery** Department of the Faculty of Medicine, Suez Canal University. It includes 3 CP.
- 2- **Master thesis:** 30 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.
- 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 Obstetrics and Gynecology, planned and held in the Obstetrics and Gynecology 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 degree program is 120 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 Programme: First 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 & Biostatistics	4	1	2 hours	80		
RE	Research Ethics	2	1	1 hour	40		
GOGO01	physiology	3	1	1 hour	45	15	
GOGO02	Anatomy	3	1	1 hour	45	15	
GOGO03	Internal Medicine	3	1	1 hour	45	15	
GOGO04	Pathology	3	1	1 hour	45	15	
GOGO05	Bacteriology	3	1	1 hour	45	15	
GOGO06	Public Health	2	1	1 hour	30	10	
GOGO07	Embryology	2	1	1 hour	30	10	
GOGO08	Surgery	3	1	1 hour	25	10	25
E	Elective Course	2	1	1 hour	40		
Total		30 credit points			600 marks		

5.2 Level/Year of Programme: Second part MSc.

Courses			Assessment					
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam	Continues assessment *(Portfolio)
			No of papers	Duration	Marks			
GOGO 09	Advanced Course in Obstetrics and Gynecology	15	3	3 hours For each paper	110 for each paper	110	330	330
	Practical training in Obstetrics and Gynecology	40						
	**Scientific activities	5 (not included in the total marks)						
Total		60 credit points			1100			

5.3 Thesis: A faculty senior & junior supervisor from the staff 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 or more different staff 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

- 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.
- 7.3 Observations** to assess practical and presentation skills.
- 7.4 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 470
- Oral and practical exam 130

- **Total** **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

- **Total** **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		

Head of Department: Prof. Amal El Shahat