



Faculty of Medicine
Suez Canal University



Family Medicine Department
Program Specification- MSc

PROGRAM SPECIFICATIONS

Program Title:
(Master Degree of Family Medicine)

Code: (FMFM)



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Program Specification

A- Basic Information

- 1. Program Title:** Master Degree of Family Medicine
- 2. Program Type:** Single Double Multiple
- 3. Department (s):** Family medicine Department
- 4. Coordinator:** Dr. Samar Farag (1st part)
Dr. Mohamed Abdelwahed (2nd part)
- 5. External Evaluator(s) :** Prof. Samir Wasef
- 6. Last date of program specifications approval:** The bylaws of the MSc program in Family medicine in the Faculty of Medicine, Suez Canal University were approved by the Supreme Council of Universities in 2015.
- 7. Date of revision approval of program:** 2019
- 8. Number of credit points for this program (degree):** 120 Credit Points (CP)

B- Professional Information

1- Program Aim:

The aim of Master program in family medicine is to graduate competent family physician capable to provide primary, integrated and continuous health and medical care, which is personal, holistic and comprehensive in concepts, focus on individuals and families within community context where they live and work demonstrating the appropriate attitude of Continuous Professional Development and Evidence Based Practice. Also, adequately and appropriately demonstrate the appropriate management and leadership styles at a level of family practice setting.

2- Intended Learning Outcomes (ILOs) of the program

By the end of this program, participants should be able to:

a- Knowledge and Understanding:

- a.1.** Identify the basic tools of family physician (consultation, medical records, referral, and effective teamwork).



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- a.2.** Identify the appropriate clinical reasoning (problem solving) styles in consultation at Family Practice level.
- a.3.** Define the limitations and the indications of referral for patients attending Family Practice.
- a.4.** Identify the process of health information and how make use quarterly and annual practice report.
- a.5.** Describe the diagnostic criteria and management guidelines of the common patient's problems presented in primary health care.
- a.6.** Describe the basic research knowledge required for conducting applied research in PHC.
- a.7.** Outline the principles of medical ethics that enable family physician to behave soundly in daily practice
- a.8.** Describe principles and steps of breaking bad news
- a.9.** Recognize importance of managing multiple complaints simultaneously for both acute and chronic health problems.
- a.10.** Integrate the preventive care along the curative one on managing a patient in family practice setting
- a.11.** Discuss structure and function of the family
- a.12.** Identify and prioritize the health problems in need to be tackled through applied research.
- a.13.** Make use bio-psycho-social models, taking into account cultural dimensions.
- a.14.** Discuss the ideas, concerns, expectations and impact of the patient's problem in a given consultation at family practice setting.
- a.15.** Outline importance of practice and community-based information in the quality assurance at practice level.

b. Intellectual skills

- b.1.** Demonstrate fluency in communication and clinical reasoning during consultation with patients in these different age groups.
- b.2.** Recognize his/her educational needs and demonstrate fluency in practicing self directed learning.
- b.3.** Demonstrate interest in applying Evidence Based Practice.
- b.4.** Interpret results of common diagnostic /therapeutic medical and invasive procedures required for patients in Family Practice setting.



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b.5. Demonstrate understanding of the financial and legal frameworks in which health care is given.

b.6. Recognize the need to perform self appraisal

c. Professional & practical skills:

c.1. Conduct successful consultation using appropriate consultation skills.

c.2. Conduct counseling successfully for different age groups in Family Practice.

c.3. Make use of clinical reasoning skills appropriately.

c.4. Manage the common health problems (acute/chronic/serious /not serious/) using evidence-based guidelines).

c.5. Implement EBM –Complementary and Alternative Medicine as a treatment modality for common and important health problems.

c.6. Manage the common ethical dilemma in Family Practice appropriately.

c.7. Perform the rational use of drug on prescribing to patients in different age groups.

c.8. Perform auditing of the provided care/conduct practice activity analysis (Annual Report in his/her training center).

c.9. Conduct and evaluate the required procedures in the course specification.

d. General and transferable skills:

d.1. Work effectively within a team.

d.2. Use computers/Internet efficiently.

d.3. Present information clearly in written, electronic and oral forms.

d.4. Apply the principles of ethics appropriately and perform peer evaluation

d.5. Communicate ideas and manage conflict effectively.

d.6. Apply the principles of scientific evidence in daily practice and manage time effectively

d.7. Recognize and cope with clinical uncertainty and perform self-evaluation.

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

see attached



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- Facilities Required for Teaching and Learning

- Family Practice Centers
- Suez Canal University hospital Outpatient Clinics.
- Data show, Computer and Internet facility.
- Family Medicine Me and college library.

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:** Its weight is 30 CP , its duration is 15 week for one academic semester. It includes the following:-
 - 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 courses in Family Medicine, planned and held in the Family Medicine Department. It includes 22 CP.



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- 2. Master thesis:** Its weight is 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:** Its weight is 60 CP, its duration is 45 weeks for 3 consecutive academic semesters. The second part comprises the specialized courses in Family Medicine, planned and held in the Family Medicine Department. This part lasts for 1.5 years ending by written, oral and clinical exams.

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

4bii- No. of credit Points: The Master program includes 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).



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5-Program Courses

5.1- Level/Year of Program: 1st part MSc (30 CP)

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		
FMFM01	Family Medicine and Community Health	22	1	3 hours	330	110	
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)

****Every credit point equal 20 marks**



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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	clinical Exam	Continuous assessment *(Portfolio)
			No of Papers	Duration	Marks			
FMFM02	Scientific / theoretical) courses in Family Medicine	15	2	3 hours For each paper	165 for each paper	110	330	330
	Clinical training in Family Medicine	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

5.3- Thesis:

Faculty senior and junior supervisors 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 derived from the research plan of the department. The research protocol will be prepared by the candidate included all the required items as addressed in requirements of research committee of the faculty.

The agreed protocol by supervisors will be presented by the candidate in the research conference (seminar). Staff members attending research conference will give their feedback to the candidate and suggested modification will be done by the candidate before approval from the department council. The approved research protocol will be 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. The candidate has the right to register his/her thesis protocol after 6 months from the registration to master



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degree. 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.

N.B. **Thesis represents 30 credit points not included in the total mark for master degree.**

6-Program Admission Requirements

- The program accepts candidates with Bachelor degree in Medicine and 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 Written (MCQs):** to assess the cognitive domain
- 7.3 Oral Viva Cards:** to assess higher cognitive and attitude domains.
- 7.3 Clinical exam :** to assess practical and professional skills.
- 7.4 Portfolio :** to assess the cognitive, psychomotor and the affective domains.

8- Weighting of Assessments

Total marks for master degree are 1700 Marks

Type of exam

First part (30 credit points= 600 mark)

- Written exam 490
- Oral exam 110
- **Total 600**

Second part (60 credit points including 5 credit points not included in the total marks =1100 mark)

- Written exam 330
- Oral exam 110
- Clinical exam 330
- Portfolio 330
- **Total 1100**

Total of the Master degree 1700



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9- Regulations for Progression and Program Completion

The regulations for program completion follow the regulations of Master degree of Family Medicine in the Faculty of Medicine, Suez Canal University approved by the Supreme Council of Universities.

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

Passing thesis defense is prerequisite for getting MSc. Degree

10- Evaluation of Program Intended Learning Outcomes (ILOs)

Evaluator	Tool	Sample
1- Postgraduate students	Needs assessment questionnaires	Random sample of participants
2- Alumni	Self-administered questionnaires	Comprehensive sample
3- Stakeholders	Self-administered questionnaires Interviews	Random sample
4-External Evaluator(s) (External Examiner(s))	External audit of the program specifications Attending exam. (using checklist and/or rating scale)	
5- Other		

References:

- The European Definition of General Practice / Family Medicine. WONCA Europe 2011 Edition. 2011.
- "An Introduction to Competency-based Residency Education": 2006 ACGME. A product of the ACGME Outcome Project, 2006.
- **Scientific supervisor for first part** : A. Prof. Hend Mikhail
- **Scientific supervisor for second part** : prof. Heba Nour
- **Head of Family Medicine Department** : Prof. Moslah Abdelrahman
 - **Date:** August, 2019