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Reports



كلية الطب
Faculty of Medicine



Master (MSc)
Program & Courses' Specifications of
Family Medicine

Program Specifications for MSc of Family Medicine (2023)

University: MINIA

Faculty(s): MEDICINE

Department: Public health and preventive medicine

A- Basic Information:

1- Program title: Master Degree in Family medicine, Code FM 200

2- Final award: Master in family medicine

3- Program type: Single Double Multiple

4- Department responsible for offering the degree: Department of Public health and community medicine

5-Departments involved in the program: Public health and preventive medicine department, Internal medicine department, Obstetrics and Gynecology department, General Surgery department, Pediatrics department, Neuropsychiatric, Forensic medicine department

6-Program duration: 2 years

7-Number of program courses: 14

8-Coordinator:Professor Dr Refaat Raouf , Dr Ebtessam Ismail ,Dr. Shaimma Mahmoud/Dr.Chrestina Monir

9-External evaluators: Prof Dr Tamer el Hefnawy

10-Programme management team: Assistant Professor: Shaimma Anwar, Assistant lecturers: Shaza Fadel, Hager Adel, Aya Mohammed, Demonstrator: Myada Noor

B- Professional Information:

1- Program aims:

Graduate of Master Degree in Family Medicine, the candidate should be able to:

1. Develop competent family physicians capable of providing high quality patient-centered comprehensive medical care, covering the biopsychosocial aspect of their patients based on the best available medical evidence.
2. Work in teams both as members and as leaders.
3. share in community focused research
4. Be committed to lifelong learning.
5. Apply appropriate ethical and professional standards in their day to day practice and in their relationships with their patients and colleagues.
6. Be a Family-oriented physician capable of anticipating and responding to family health needs according to the policies, regulations, and guidelines of the MOHP.
7. Develop a postgraduate student who will be able to take leadership in the field of family medicine by applying the scientific knowledge and skills learned.
8. Generate family physicians which knowing the importance of preventing diseases promotion of well being and maintaining good physical and mental health.
9. Participate with different sectors of the community in combating the health challenges in our community.
10. Function as supervisor, and trainer in relation to colleagues, medical students and other health professions.

2- Intended learning outcomes (ILOs)

2.1. (a) Knowledge and understanding:

By the end of the study of master program in Family Medicine the candidate should be able to:

- A1. Recognize the etiology, clinical manifestations, differential diagnosis and management of the common medical problems affecting the adult population in Egypt.
- A2. Determine the etiology, clinical manifestations, differential diagnosis and management of the common medical problems affecting infants and children
- A3. Detect the preventive methods and screening tests available in Egypt for prevention and early diagnosis of common childhood problems.
- A4. Report the current health problems of the Egyptian population as well as the health concerns on the international levels
- A5. identify the health needs of the vulnerable groups in the Egyptian population.
- A6. Explain the impact of the adverse social factors on the health of the Egyptians such as: poverty, poor housing, malnutrition, unemployment, pollution and

- A7. Interpret how the health care delivery system in Egypt operates as well as the medico-legal Legislations in Egypt.
- A8. Select the pharmacokinetics and pharmacodynamics of medications in normal individuals, patients with liver or kidney diseases and pregnant females.
- A9. Utilize the principles of medical ethics that guide the doctor-patient and the doctor-doctor relationships at the different levels of health care services.
- A10. Reset the basics of critical appraisal of researches.
- A11. Tell up-to-date evidence-based medicine resources and recommendations for health promotion and disease prevention for patients of all ages.

2.2. (b)Intellectual skills

By the end of master program in Family Medicine the candidate should be able to:

- B1. Interpret the results of the different investigations effectively.
- B2. Integrate the information gathered from the history with the results of the clinical examination and investigations to reach a proper diagnosis.
- B3. Appraise research articles critically.
- B4. Interpret statistical results efficiently and apply the results in patient care properly.
- B5. Manage time effectively.

2.3. Skills:

2.3.1. (c)Professional and practical skills

By the end of the study of master program in Family medicine the candidate should be able to:

- C1. Obtain a proper and complete history, Perform and document a proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for adult patients.
- C2. Document a proper and complete history, Perform and document proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for infants and children.
- C3. Operate a proper and complete history, Perform and document a proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for females presenting with common gynecological or obstetric problems.
- C4. Manage acute emergency cases initially, perform immediate life support measures when indicated and perform proper referral.

- C5. Perform routine procedures required for appropriate family practice as IUD insertion and male circumcision.
- C6. Use drugs in a cost effective manner.
- C7. Provide appropriate counseling in different situations including genetics; premarital, family planning, adolescents, nutrition and cancer
- C8. Demonstrate the ability to communicate in multiple modalities with patients, their families, other health care providers and administrators.
- C9. Discuss the different models for behavioral modification and change for life style modification.

2.3.2. (d)General and transferable skills

By the end of the study of master program in Family medicine the candidate should be able to:

- D1. Recognize self limitations with regards to practice and seek consultation with other-health care providers to provide optimal care for his patients.
- D2. Demonstrate sensitivity and responsiveness to the patient's culture, gender and social background.
- D3. Apply safe medical practice through early recognition, reporting and correction of medical errors.
- D4. Show appropriate professional attitudes with his patient including empathy, respect for their dignity, their privacy and their rights and equity of care among them.
- D5. Demonstrate the capacity to communicate effectively and maintain honesty and integrity in all interactions with his patients, their families and his colleagues.
- D6. Work effectively in a team either as a member or as a leader who can educate, motivate, supervise and lead other health workers in health promotion, disease prevention and management of diseases.
- D7. Acquire the confidence of the colleague, student and auxiliary staff by communication with them.

3- Program Academic Reference Standards

- Faculty of medicine, Minia University adopted the general national academic reference standards provided by the national authority for quality assurance and accreditation of education (NAQAAE) for all postgraduate programs. (Faculty Council Decree No.6854, in its session No.177 Dated: 18\5\2009). **{Annex 1}**.
- Faculty of medicine, Minia University has developed the academic standards (ARS) for Master(MSc) and approved in faculty Council decree No.7528, in its session No.191, dated: 15\3\2010) and these standards (faculty ARS) have been updated and approved

in faculty Council No.52/2 dated: 20/ 2 / 2023 {Annex 2}

-Then **Public health and preventive medicine department** has adopted these standards and developed the intended learning outcomes (ILOS) for **MSCs program in Master degree in Public health and preventive medicine** and the date of program specifications 1st approval was by department council:5-3-2017, last update of program specification approval by department council: 6-3-2023

4. Program External References

- Minia faculty of medicine adopted the standards provided by “Accreditation council for graduate Medical Education” (<http://acgme.org>). (Faculty Council Decree No.6854, in its session No.177 Dated: 18\5\2009).
- Comparison between ARS of Master program in Family medicine & External benchmarks. {Annex 3}.

5. Program Structure and Contents:

5. A. Program duration: (2 years).

5. B. Program structure:

- No of hours/week:
 - Lecture: 4 hrs/w
 - Practical: 2 hrs /w
 - Total hours/week:.6 hrs/w
- Basic sciences (compulsory) courses: No; Percentage %:80
- Specific courses related to the specialty: No:8 Percentage %:20
- Training programs and workshops, field visits, seminars & other scientific activities: Distributed along the whole program.

5. C. Levels of program in credit hours’ system: applicable

5. D. Program courses:

Contents for 1st part

1st part (one year)

	Courses	Credit hours	Program Covered	ILOs
Obligatory courses	Principles of public health	2	A3, A4, A5, A6, A7,	

			B5
	Concept and strategies for Family Medicine	2	A9, A11, B5, C7, C8, C9, D1, D3, D6
	Medical statistics & Research design	2	B4
Elective courses (select two only)	Scientific writing	1	A10, B3
	Evidence based medicine	1	A10, B3
	Critical reading	1	A10, B3
Medical ethics	Medical ethics	2	
Logbook		2	
Total credit hours for 1st part		12	
Thesis		6	

2nd part (one year)

	Courses	Credit hours		Program ILOs Covered
		Theoretical	Clinical	
Obligatory courses	General& clinical Epidemiology	2	-	A1, A5
	Medicine& its branches in relation to Family medicine	3	8	A1, A8 B1, B2, C1, C9, D3
	Surgery& its branches in relation to Family medicine	3	8	A1, C1, C4
	Pediatrics in relation to Family medicine	2	4	A2, A3, A5, C2, C6
	Gynecology &obstetrics in relation to Family medicine	2	4	A1, C3, C5

	Neurology & Psychiatry in relation to Family medicine	2	4	A1, C1
	Clinical training	28		
Elective courses (select two only)	Communication skills in relation to Family medicine	1		A9, B5, C1, C7, C8, D1, D2, D4, D7
	Nutrition in health & disease	1		A1, A2
	Maternal, child and geriatric health care	1		A5, C1
	Logbook	2		
	Total credit hours for 2nd part	26	28	54
	Total credit hours for Master family medicine			70

6- Program admission requirements:

1. General requirements:

A. Candidates should have either:

1. MBBSCH degree from any Egyptian faculty of medicine or
2. Equivalent degree from medical schools abroad approved by the ministry of higher education

B. Candidate should complete the house office training year.

C. Follows postgraduate regulatory rules of Minia faculty of medicine.

2. Specific requirements:

A. Candidates graduated from Egyptian universities should "Good Rank" in their final year/cumulative year examination and grade "Good Rank" in public health course too.

B. Candidate should know how to speak and write English well.

C. Candidate should have computer skills.

7- Regulations for progression and program completion:

Regulations for progression and program completion:

Duration of program is (2 years), starting from registration till the second part exam; divided to:

First Part: (≥6 months):

- All courses as specified in the internal bylaw
- At least six months after registration should pass before the student can ask for examination in the 1st part
- Two sets of exams: 1st in April — 2nd in October.
- For the student to pass the first part exam, a score of at least 60% in each curriculum is needed (with at least 40% in the written exam).
- Those who fail in one curriculum need to re-exam it only.

Master Thesis:

- All master-degree students should prepare a thesis in Family Medicine.
- After passing the first part, the student submits a protocol for master thesis at the beginning of the second part.

Thesis Start from protocol registration and should be completed and accepted at least after passing 6 months from protocol registration till at least one month before allowing to enter 2nd part final exam.

- Accepting the thesis occurs after publishing one thesis – based paper in local or international journal and this is enough to pass this part.

Second Part: (≥18 months):

- Program related specialized Courses.
- Actual work for 18 months as a demonstrator /trainee in the department
- The student should pass the 1st part before asking for examination in the 2ndpart.
- Two sets of exams: 1st in April— 2nd in October.
- For the student to pass the second part exam, a score of at least 60% in each curriculum is needed (with at least 40% in the written exam).

The candidate will receive his degree after passing this final examination.

- Fulfillment of the requirements in each course as described in the template and registered in the log book is a prerequisite for candidates to be assessed and undertake part 1 and part 2 examinations; as following:

- a. Training courses
- b. Grand rounds (Only in clinical departments)
- c. Case presentation
- d. Seminars
- e. Thesis discussion
- f. Workshops
- g. Conference attendance
- h. Journal club
- i. Other scientific activities requested by the department

- The Master degree should be obtained within a maximum of 5 years after the registration date.

8-Teaching and learning methods:

1- 4 hours of lectures per week throughout the course.

2-2hours of practical training and demonstration weekly throughout the course.

3-Self training activities such as use of internet and multimedia.

4- Regular weekly seminars, presentations and assignments.

5-Training courses & workshops.

6-Thesis discussion.

7-Conference attendance

Teaching and learning methods	The assessed ILOs
<ul style="list-style-type: none"> • Lectures 	A1,A2, A3,A4,A5,A6, A7,A8,A9,A10 B1,B2,B3,B4,B5
<ul style="list-style-type: none"> • Practical sessions 	C1,C2,C3,C4,C5,C7,C9
<ul style="list-style-type: none"> • Self-training activities • seminars, presentations and assignments. • Training courses & workshops. • Thesis discussion. • Conference attendance 	A1,A2,A3,A4,A5,A6,A7,A8 B1,B2,B3,B4,B5 ,C4C6, C7,C8 D1,D2,D3,D4,D5,D6,D7

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9-Methods of student assessment:

According to the bylaws of the postgraduate, professors carry continuous assessment during the program. A logbook will be kept for each student to document all his/her clinical and procedural activities as well as his/her participation in different scientific activities. The head of the department should allow the students to undergo the final examination when they complete their training program and collect the credit points needed.

Method of assessment	The assessed ILOs
1. Research (Thesis)	A1, A2, A3, A4,A5,A9,A10,A11 B3,B4 , C7,C8,C9,D4,D5,D6
2. Written Exams: - Short essay - MCQs - Complete - True or false and correct the wrong - Commentary - Problem solving	A1,A2,A3,A4,A5,A6,A7,A11,B1,B2,B3,B4,B5
3. Practical/Clinical Exams	C1,C2,C3,C5,D1,D2,D3,D7
4. Seminars, presentations, assignments	A1,A2,A7,A10,B1,C4,C5,C6,C7,C8
5. Oral Exams	A1,A2,A3,A4,A5,A6,B2,B3,B4,C3
6. Others (Please specify)	No

Weighing of assessment:

It is mandatory to pass all the papers of written exams separately

Course	written	Oral	Practical	Total
Principles of public health	30	50		1st part 300
Concepts and strategies for family medicine	30	00		
Medical statistics and research	30	20	20	
Scientific writing	12		18	
Evidence based medicine	12		18	
General and clinical epidemiology	40	60	Oral and practical	2nd part 700
Communication	20	30	Oral and practical	
Nutrition	20	30	Oral and practical	
Pediatrics	40	60	Oral and practical	
General internal medicine	40	60	Oral and practical	
General Surgery	40	60	Oral and practical	
Gynecology and Obstetrics	40	60	Oral and practical	
Neuropsychiatry	40	60	Oral and practical	
Medical ethics	100	25		

9. Methods of Program Evaluation:

Evaluator (By whom)	Method/tool	Sample
1. Senior students (Students of final years)	Questionnaires	https://docs.google.com/forms/d/e/1FAIpQLSdBv464legx0eS0UqiRxrOkj8-5QEatKuXVSQh4bRPrzx4nA/viewform?usp=sf_link https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-o1hQIsBvrkIEw7ug4gI0r04TFAjlx3icAqHEhJg/viewform?usp=sf_link
2. Graduates (Alumni)	Questionnaires	https://docs.google.com/forms/d/e/1FAIpQLSdBv464legx0eS0UqiRxrOkj8-5QEatKuXVSQh4bRPrzx4nA/viewform?usp=sf_link
3. Stakeholders	Meeting Questionnaires	https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-o1hQIsBvrkIEw7ug4gI0r04TFAjlx3icAqHEhJg/viewform?usp=sf_link

4. External & Internal evaluators and external examiners	Reports	Attached to the file
5. Quality Assurance Unit	Reports Questionnaires Site visits	Attached to the file Attached to the file Attached to the file

Program Coordinators: Dr Refaat Raouf, Dr Ebtessam Esmail
Assistant coordinator: Shaza Fadel , Chrestina Monir , Shaimma Mahmoud
Head of Department: Prof Dr Nashwa Nail Kamal

Date of program specifications 1st approval by department council: 5/3/2017.
Date of last update & approval by department council: 6/ 3 / 2023



Annex 5

نموذج رقم (١١ ب)

MSc of family medicine	مسمى البرنامج
FM 200	كود البرنامج

جامعة/أكاديمية .. جامعة المنيا

كلية / معهد: كلية الطب

قسم: الصحة العامة والطب الوقائي والاجتماعي

Matrix of Coverage of MSC Program ILOs By Course Content

Courses (List of courses in 1 st and 2 nd parts)	Program Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
1st part				
Principles of public health	A3, A4, A5, A6, A7	B5		
Concept and strategies for Family Medicine	A9, A11	B5	C7, C8, C9	D1, D3, D6
Medical statistics & Research design		B4		
Scientific writing	A10	B3		
Evidence based medicine	A10	B3		
Critical reading	A10	B3		
2nd part				
General & clinical Epidemiology	A1, A5			
Medicine & its branches in relation to Family medicine	A1, A8	B1, B2,	C1, C9,	D3
Surgery & its branches in relation to Family medicine	A1,		C1, C4	

Pediatrics in relation to Family medicine	A2, A3, A5,		C2, C6	
Gynecology &obstetrics in relation to Family medicine	A1,		C3, C5	
Neurology & Psychiatry in relation to Family medicine	A1,		C1	
Communication skills in relation to Family medicine	A9,	B5,	C1, C7, C8,	D1, D2, D4, D7
Nutrition in health & disease	A1, A2			
Maternal, child and geriatric health care	A5,		C1, C7, C8,	D1, D2, D4, D7
Thesis		B3,B4	C7,C8,C9	D4,D5,D6

Annex (1):

Comparison between General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS)

MATRIX I: Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS)

NAQAAE برامج الماجستير	Faculty Master (MSC) Program
١. مواصفات الخريج: خريج برنامج الماجستير في أي تخصص يجب أن يكون قادرا على	1. Graduate Attributes: Graduate of master (MSC) program should be able to:
1.1. إجادة تطبيق أساسيات ومنهجيات البحث العلمي وإستخدام أدواته المختلفة.	1.1. understanding and applying of basics of research method and research tools
2.1. تطبيق المنهج التحليلي وإستخدامه في مجال التخصص	2.1. Critically analyze, evaluate, and effectively communicate findings, theories, and methods
3.1. تطبيق المعارف المتخصصة ودمجها مع المعارف ذات العلاقة في ممارسته المهنية.	3.1. Apply integrated professional and general knowledge in his scholarly field and at the interface between different fields.
4.1. إظهار وعيا بالمشاكل الجارية والرؤى الحديثة في مجال التخصص.	4.1. Demonstrate awareness of community health needs related to the field of specialization by understanding the beneficial interaction with the society to improve quality of life
5.1. تحديد المشكلات المهنية وإيجاد حلول لها.	5.1. Demonstrating proficiency, required to solve current complex problems in his scholarly field.

6.1. إتقان نطاق مناسب من المهارات المهنية المتخصصة واستخدام الوسائل التكنولوجية المناسبة بما يخدم ممارسته المهنية.	6.1. Master a variety of technical skills in his scholarly field and expert relevant equipment, technology, and software.
7.1. لتواصل بفاعلية والقدرة على قيادة فرق العمل.	7.1. Gain leadership skills and be able to communicate efficiently with colleagues and get the best results.
8.1. اتخاذ القرار في سياقات مهنية مختلفة.	8.1. Take professional situational decisions and logically support them.
9.1. توظيف الموارد المتاحة بما يحقق أعلى استفادة والحفاظ عليها	9.1. Optimal use of available resources to achieve research or best patient health care and ensure its maintenance.
10.1. إظهار الوعي بدوره في تنمية المجتمع والحفاظ على البيئة في ضوء المتغيرات.	10.1. Demonstrate awareness of its role in community health development and
11.1. التصرف بما يعكس الالتزام بالنزاهة والمصادقية والالتزام بقواعد المهنة.	11.1. Exhibit ethical behavior that reflect commitment to the code of practice
12.1. تنمية ذاته أكاديميا ومهنيا و قادرا علي التعلم المستمر.	12.1. demonstrate the ability to sustain a lifelong personal and professional growth.
2. المعايير القياسية العامة: NAQAAE General Academic Reference Standards "GARS" for Master Programs	2. Faculty Academic Reference Standards (ARS) for Master Program
2,1. المعرفة والفهم: باتتهاء دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي الفهم والدراية بكل من:	2.1. Knowledge & Understanding: Upon completion of the Master Program the graduate should have sufficient knowledge and understanding of:
2,1,1. النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة	2.1.1. Understand the scientific basis and modern knowledge in the field of specialization and related medical sciences
2,1,2. التأثير المتبادل بين الممارسة المهنية وانعكاسها علي البيئة	2.1.2. The mutual influence of professional practice on work environment, working conditions, and job characteristics.
2,1,3. التطورات العلمية في مجال التخصص	2.1.3. Scientific developments in the field of

	specialization
٢,١,٤. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص	2.1.4. Recognize basics of medico-legal aspects of practice, malpractice and avoid common medical errors
٢,١,٥. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص	2.1.5. Quality principles in the scholarly field
٢,١,٦. أساسيات وأخلاقيات البحث العلمي	2.1.6. Basis of research methodology and medical ethics.
2.2. المهارات الذهنية: بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	2.2. Intellectual Skills: Upon completion of the master program, the graduate should be able to:
2.2.1. تحليل وتقييم المعلومات في مجال التخصص والقياس عليها لحل المشاكل	2.2.1. Use judgment skills for analytical and critical problem solving
2.2.2. حل المشاكل المتخصصة مع عدم توافر بعض المعطيات	2.2.2. Capable of integrating knowledge and dealing with complex subjects to solve problems
2.2.3. الربط بين المعارف المختلفة لحل المشاكل المهنية	2.2.3. Be capable of integrating research results and/or results of history, physical and laboratory test findings to solve a research or a clinical problem.
2.2.4. إجراء دراسة بحثية و/أو كتابة دراسة علمية منهجية حول مشكلة بحثية	2.2.4. Effectively apply research methods and carrying out a medical research thesis
2.2.5. تقييم المخاطر في الممارسات المهنية في مجال التخصص	2.2.5. Be aware of risk management principles, and patient safety.
2.2.6. التخطيط لتطوير الأداء في مجال التخصص	2.2.6. Establish goals, commitments, and strategies for improved professional performance in the field of specialty
2.2.7. اتخاذ القرارات المهنية في سياقات مهنية متنوعة.	2.2.7. Take professional situational decisions and logically support them.
3.2. المهارات المهنية: بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	3.2. Professional Skills: Upon completion of the master program , the graduate must be able to:
3.2.1. إتقان المهارات المهنية الأساسية والحديثة	3.2.1. Master the basic and some advanced professional skills in his scholarly field.

في مجال التخصص	
٣,٢,٢ كتابة و تقييم التقارير المهني.	3.2.2. Write and evaluate medical or scientific reports
٢,٣,٣ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research
4.2. المهارات العامة والمنتقلة : بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	4.2. General and transferable skills Upon completion of the master program, the graduate should be able to:
٤,٢,١. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.
٤,٢,٢. استخدام تكنولوجيا المعلومات بما يخدم الممارسة المهنية	4.2.2. Use of information technology (computer to create, process, store, secure and exchange electronic data) in the field of medical practice.
4.2.3. لتقييم الذاتي وتحديد احتياجاته التعليمية الشخصية	4.2.3. Assess himself and identify personal learning needs
4.2.4. استخدام المصادر المختلفة للحصول على المعلومات والمعارف	4.2.4. Use various sources for information (physical and digital sources).
4.3.5. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others
4.2.6. العمل في فريق، وقيادة فرق في سياقات مهنية مختلفة	4.2.6. Work in a team, and Apply leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system
4.2.7. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently
٤,٢,٨. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.

Annex (2):

Comparison between Faculty ARS and Program ILOs

MATRIX II: NAQAAE Vs. ARS VS. MSc PROGRAM of family medicine

<p>٢. المعايير القياسية العامة: NAQAAE General Academic Reference Standards "GARS" for Master Programs</p>	<p>2. Faculty Academic Reference Standards (ARS) for Master Program</p>	<p>ILOS of family medicine program</p>
<p>٢,١. المعرفة والفهم: بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي الفهم والدراية بكل من:</p>	<p>2.1. Knowledge & Understanding: Upon completion of the Master Program the graduate should have sufficient knowledge and understanding of:</p>	<p>2.1. Knowledge & Understanding: Upon completion of the Master Program of family medicine the graduate should be able to :</p>
<p>٢,١,١. النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة</p>	<p>2.1.1. Understand the scientific basis and modern knowledge in the field of specialization and related medical sciences</p>	<p>A1. Recognize the etiology, clinical manifestations, differential diagnosis and management of the common medical problems affecting the adult population in Egypt. A5. identify the health needs of the vulnerable groups in the Egyptian population. A7. Interpret how the health care delivery system in Egypt operates as well as the medico-legal Legislations in Egypt. A8. Select the pharmacokinetics and pharmacodynamics of medications in normal individuals, patients with liver or kidney diseases and pregnant females.</p>
<p>٢,١,٢. التأثير المتبادل بين الممارسة المهنية وانعكاسها علي البيئة</p>	<p>2.1.2. The mutual influence of professional practice on work environment, working conditions, and job characteristics.</p>	<p>A6. Explain the impact of the adverse social factors on the health of the Egyptians such as: poverty, poor housing, malnutrition, unemployment,</p>

		pollution
٢,١,٣. التطورات العلمية في مجال التخصص	2.1.3. Scientific developments in the field of specialization	A2. Determine the etiology, clinical manifestations, differential diagnosis and management of the common medical problems affecting infants and children A3. Detect the preventive methods and screening tests available in Egypt for prevention and early diagnosis of common childhood problems
٢,١,٤. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص	2.1.4. Recognize basics of medico-legal aspects of practice, malpractice and avoid common medical errors	A9. Utilize the principles of medical ethics that guide the doctor-patient and the doctor-doctor relationships at the different levels of health care services.
٢,١,٥. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص	2.1.5. Quality principles in the scholarly field	A4. Report the current health problems of the Egyptian population as well as the health concerns on the international levels
٢,١,٦. أساسيات وأخلاقيات البحث العلمي	2.1.6. Basis of research methodology and medical ethics.	A10. Reset the basics of critical appraisal of researches. A11. Tell up-to-date evidence-based medicine resources and recommendations for health promotion and disease prevention for patients of all ages.
2.2. المهارات الذهنية: بانتهاج دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	2.2. Intellectual Skills: Upon completion of the master program, the graduate should be able to:	2.2. Intellectual skills: Upon completion of the Master Program of family medicine the graduate should be able to :
2.2.1. تحليل وتقييم المعلومات في مجال التخصص والقياس عليها لحل المشاكل	2.2.1. Use judgment skills for analytical and critical problem solving	B1. Interpret the results of the different investigations effectively. B2. Integrate the information gathered from the history with the results of the

		clinical examination and investigations to reach a proper diagnosis.
2.2.2. حل المشاكل المتخصصة مع عدم توافر بعض المعطيات	2.2.2. Capable of integrating knowledge and dealing with complex subjects to solve problems	B2. Integrate the information gathered from the history with the results of the clinical examination and investigations to reach a proper diagnosis.
2.2.3. الربط بين المعارف المختلفة لحل المشاكل المهنية	2.2.3. Be capable of integrating research results and/or results of history, physical and laboratory test findings to solve a research or a clinical problem.	B4. Interpret statistical results efficiently and apply the results in patient care properly.
2.2.4. إجراء دراسة بحثية و/أو كتابة دراسة علمية منهجية حول مشكلة بحثية	2.2.4. Effectively apply research methods and carrying out a medical research thesis	B3. Appraise research articles critically.
2.2.5. تقييم المخاطر في الممارسات المهنية في مجال التخصص	2.2.5. Be aware of risk management principles, and patient safety.	B2. Integrate the information gathered from the history with the results of the clinical examination and investigations to reach a proper diagnosis.
2.2.6. التخطيط لتطوير الأداء في مجال التخصص	2.2.6. Establish goals, commitments, and strategies for improved professional performance in the field of specialty	B4. Interpret statistical results efficiently and apply the results in patient care properly.
2.2.7. اتخاذ القرارات المهنية في سياقات مهنية متنوعة.	2.2.7. Take professional situational decisions and logically support them.	B5. Manage time effectively.
3.2. المهارات المهنية: بانتهاج دراسة برنامج الماجستير يجب أن يكون الخريج قادراً على:	3.2. Professional Skills: Upon completion of the master program , the graduate must be able to:	3.2. Professional and practical skills: Upon completion of the Master Program of family medicine the graduate should be able to :
3.2.1. إتقان المهارات المهنية الأساسية والحديثة في مجال التخصص.	3.2.1. Master the basic and some advanced professional skills in his scholarly field.	C1. Obtain a proper and complete history, Perform and document a proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for adult patients. C2. Document a proper and

		<p>complete history, Perform and document proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for infants and children.</p> <p>C4. Manage acute emergency cases initially, perform immediate life support measures when indicated and perform proper referral.</p> <p>C5. Perform routine procedures required for appropriate family practice as IUD insertion and male circumcision.</p> <p>C6. Use drugs in a cost effective manner.</p> <p>C7. Provide appropriate counseling in different situations including genetics; premarital, family planning, adolescents, nutrition and cancer</p> <p>C8. Demonstrate the ability to communicate in multiple modalities with patients, their families, other health care providers and administrators.</p>
<p>٣,٢,٢ كتابة و تقييم التقارير المهني.</p>	<p>3.2.2. Write and evaluate medical or scientific reports</p>	<p>C3. Operate a proper and complete history, Perform and document a proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for females presenting with common gynecological or obstetric problems.</p>

٣,٣,٢ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research	C9. Discuss the different models for behavioral modification and change for life style modification
٤.٢. المهارات العامة والمنتقلة : بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	4.2. General and transferable skills Upon completion of the master program, the graduate should be able to:	4.2 General and transferable skills: Upon completion of the Master Program of family medicine the graduate should be able to :
٤,٢,١. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.	D2. Demonstrate sensitivity and responsiveness to the patient's culture, gender and social background. D5. Demonstrate the capacity to communicate effectively and maintain honesty and integrity in all interactions with his patients, their families and his colleagues.
٤,٢,٢. استخدام تكنولوجيا المعلومات بما يخدم الممارسة المهنية	4.2.2. Use of information technology (computer to create, process, store, secure and exchange electronic data) in the field of medical practice.	D3. Apply safe medical practice through early recognition, reporting and correction of medical errors.
4.2.3. لتقييم الذاتي وتحديد احتياجاته التعليمية الشخصية	4.2.3. Assess himself and identify personal learning needs	D1. Recognize self-limitations with regards to practice and seek consultation with other-health care providers to provide optimal care for his patients
4.2.4. استخدام المصادر المختلفة للحصول على المعلومات والمعارف	4.2.4. Use various sources for information (physical and digital sources).	D2. Demonstrate sensitivity and responsiveness to the patient's culture, gender and social background.
4.3.5. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others	D1. Recognize self-limitations with regards to practice and seek consultation with other-health care providers to provide optimal care for his patients
4.2.6. العمل في فريق، وقيادة فرق في سياقات مهنية	4.2.6. Work in a team, and Apply	D7. Acquire the confidence of

مختلفة	leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system	the colleague, student and auxiliary staff by communication with them. D6. Work effectively in a team either as a member or as a leader who can educate, motivate, supervise and lead other health workers in health promotion, disease prevention and management of diseases
4.2.7. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently	
٤,٢,٨. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.	

Matrix of Coverage of Programme ILOs by Methods of teaching and learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1,A2, A3,A4,A6, A7,A8,A9A10	B1,B2,B3,B4,B5,		
Practical			C1,C2,C3,C4C5,C6, C7,C8,C9	D1,D2,D3,D4,D5,D6,D7
Presentation/seminar Journal club Thesis discussion Training courses & workshops	A1,A2,A3,A4, A5,A6,A7,A8	B1,B2,B3,B4,B5,	C1,C2,C3,C4, C5,C6, C7,C8	D1,D2,D3,D4,D5,D6,D7

C. Matrix of Coverage of Programme ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1,A2, A3,A4,A5,A6, A7,A8,A9,A10, A11	B1,B2,B3,B4,B5		
Practical exam			C1,C2,C3,C4,C5, C6 ,C7,C8,C9	D1,D2,D3,D4,D5,D6,D 7
Oral Exam	A1,A2, A3,A4,A6, A7,A8	B1,B2,B3,B4,B5		D1,D2,D3,D4,D5,D6,D 7
Seminars, presentations, Assignments, Logbook Assessment	A1,A2,A3,A4,A5, A6,A7,A8	B1,B2,B3,B4,B5 ,	C1,C2,C3,C4,C5, C6, C7,C8	D1,D2,D3,D4,D5,D6,D 7

Program Coordinators: Dr Refaat Raouf, Dr Ebtesam Esmail
Assistant coordinator: Shaza Fadel , Chrestina Monir , Shaimma Mahmoud
Head of Department: Prof Dr Nashwa Nail Kamal

Date of program specifications 1st approval by department council:
5/3/2017.

Date of last update & approval by department council: 6/ 3 / 2023

A handwritten signature in blue ink, reading "Nashwa N. Kamal", is centered on the page. The signature is written in a cursive style and is underlined with a single blue stroke.

Annex (3):

Courses

Postgraduate MSc Course Specifications of Family Medicine

1st Part of MSc program of Family Medicine

“Principles of public health”

2023

University: Minia

Faculty: Medicine

Department: Public health and preventive medicine department

1. Course Information		
<ul style="list-style-type: none">• Academic Year/level: first part	<ul style="list-style-type: none">• Course Title: Principles of public health- Family Medicine MSC degree	<ul style="list-style-type: none">• Code: FM200
<ul style="list-style-type: none">• Number of teaching hours: 2 credit hour		
2. Overall Aims of the course	<i>By the end of the course the student must be able to:</i> 1. Develop competent family physicians capable of providing high quality patient-centered comprehensive medical care, covering the biopsychosocial aspect of their patients based on the best available medical evidence.	

	<ol style="list-style-type: none"> 2. Work in teams both as members and as leaders. 3. share in community focused research 4. Be committed to lifelong learning. 5. Apply appropriate ethical and professional standards in their day to day practice and in their relationships with their patients and colleagues. 6. Be a Family-oriented physician capable of anticipating and responding to family health needs according to the policies, regulations, and guidelines of the MOHP. 7. Develop a postgraduate student who will be able to take leadership in the field of family medicine by applying the scientific knowledge and skills learned. 8. Generate family physicians which knowing the importance of preventing diseases promotion of well being and maintaining good physical and mental health. 9. Participate with different sectors of the community in combating the health challenges in our community. 10. Function as supervisor, and trainer in relation to colleagues, medical students and other health professions.
<p>3. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
<p>A- knowledge and Understa nding</p>	<ol style="list-style-type: none"> A1. Illustrate a knowledge base in health care management and administration, health systems and services, rural, adolescent, reproductive, elderly, and environmental health. A2. Recognize the basics of elements of PHC and Rural community development to fulfill satisfactory living conditions A3. Identify health problems in vulnerable groups in the community and comparing the existing and proposed problem-solving programs to satisfy community needs.

	<p>A.4 Recognize quality assurance and identify their deficiencies in knowledge and skills so identifying training needs.</p> <p>A5. Describe Family planning, information and services</p> <p>A6. Identify Regular health appraisal for early diagnosis and proper management.</p> <p>A7. Describe Health education to school children about good nutrition, hygiene, child bearing and family planning.</p> <p>A8. Describe nutritional needs to all age groups e.g. Children, pregnant and lactating mothers and old age group.</p> <p>A9. Identify prevention and control of rural hazards</p> <p>A10. Describe Universal health coverage</p>
<p>B- ntellectu al Skills</p>	<p>B1-Design a programs to specific public health problems including the ability to identify the problem, situation analysis, problem analysis, identification of obstacles and constraints and strategy formulation.</p> <p>B2- Criticize prevention and control programs of diseases and to determine whether the operations of a specific program or activity meet the stated objectives.</p> <p>B3- Design adequate nutrition in different diseases and age groups</p> <p>B4- Reframe the community participation toward evidence based medicine</p> <p>B5. Develop Sound mental health ,proper emotional & behavioral adjustment</p> <p>B6. Reframe Extend health insurance coverage geographically and demographically and level of service and coverage unit is the family and not the individual, as in the current system</p>
<p>C- rofession</p>	<p>C1-Collaborate scientifically with any health problem.</p>

<p>al and Practical Skills</p>	<p>C2. Design Sanitary rural environment that includes village planning, sanitary housing, safe and sanitary water supply, sanitary refuse disposal, sanitary sewage disposal, air sanitation, food sanitation, rodents control and arthropods control and Sanitary school environment.</p> <p>C2- Develop disease surveillance</p> <p>C3- Illustrate comprehensive maternal and child health care</p> <p>C4. Develop control and Prevention measures of hazards in the workplace</p> <p>C5. Collaborate in campaigns and control activities and Provide social therapy as required</p> <p>C6. Develop principles of healthful lifestyles: such as adequate diet, rest, sleep & exercise, smoking cessation and dealing with disability efficiently.</p> <p>C7. Evaluation of public health services and Outreach services</p> <p>C8. Connect effectively with clients, colleagues from other specialties.</p> <p>C9. Articulate in health promotion and Delivering high quality health services</p> <p>C10. develop Prevention of health hazards such as diseases of childhood and disability</p>
<p>D-eneral and transferable Skills</p>	<p>▪ In Epidemiological domain:</p> <p>D1. Criticize indicators of health and disease</p> <p>D2. Identify prevalent health problems in a community, using various epidemiological strategies</p> <p>D3. Articulate in investigation of an epidemic/outbreak as part of a health team</p> <p>D4. Identify trends in health and disease</p> <p>D5. Use appropriate health promotion, disease prevention, and control measures</p> <p>D6. Use disease prevention and control measures to identified priority communicable and non-</p>

	<p>communicable diseases</p> <p>D7. Take part in conducting public health surveillance.</p> <ul style="list-style-type: none"> ▪ In Communication and health behaviors: <p>D8. Change health behavior theories to different community health problems</p> <p>D9. Identify behavioral and social variables impacting health and disease</p> <p>D10. Use appropriate communication strategies for use with clients, the health care team, and the community</p> <p>D12. Use appropriate health education methods and materials</p> <p>D13. Teach effectively in the health care environment</p> <p>D14. Develop appropriately the health care setting</p> <p>D15. Modify the community toward improved health</p> ▪ In Management and administration: <p>D16. Use policies and approved standards</p> <p>D17. Write administrative and service responsibilities</p> <p>D18. Collaborate as a member/leader of a team (staff management)</p> <p>D19. Collaborate effectively in the existing system, including referral</p> <p>D20. Use and maintain records</p> <p>D21. Pritorize resources, including application of basic principles of health economics</p> <p>D22. Use exclusively the national essential drug list</p> <p>D23. Develop accurate recording and certification (e.g., birth, death, international classification of diseases [icd])</p> <p>D24. Define and use data for planning, implementing,</p>
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	<p>and evaluating activities</p> <p>D25. Develop quality assessment and performance improvement</p> <p>D26. Develop self-assessment and assessment of peers</p> <p>D27. Collaborate effectively with other sectors (social, agricultural, education) to promote the health of the community</p> <p>▪ In Environmental and occupational health:</p> <p>D28. Appraise and advise on management of occupational and environmental health hazards in various settings</p> <p>D29. Connect with relevant authorities for environmental control (water, waste management, food safety, vector control)</p> <p>D30. Value on waste management in the facility</p> <p>D31. Develop recommend and safety of injury prevention measures</p> <p>▪ In Nutrition and Health:</p> <p>D32. Use of communication technique and creative thinking</p> <p>D33. Illustrate early detection of nutritional deficiency.</p>
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4.	Course Contents
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Topic	
Basic management functions	
Time Management	

Health Education	
Community participation	
The Health System in Egypt	
Primary Health Care Program	
Quality Assurance Program	
Rural health Program	
Reproductive health	
Maternal and Child Health Care Program	
School Health program	
Adolescent health program	
Geriatrics health program	
Mental Health program	
Disability	
Universal health insurance	
Occupational health	
Air pollution	
Water sanitation	
Food Sanitation	
5. Teaching and Learning Methods	<p>4.1- Lectures</p> <p>4.2- Practical lessons</p> <p>4.3- Assignment</p>

<p>6. teaching and Learning Methods for students with limited Capacity</p>	<p>1-Providing extra lectures and practical sessions.</p> <p>2-Timing of lectures and practical sessions according to their schedule.</p> <p>3-Providing lectures and practical sessions in suitable places for them.</p>
<p>7. Student Assessment</p>	
<p>A. tudent Assessment Methods</p>	<p>5.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>5.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>5.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>5.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>5.5- Structured oral exams: to assess knowledge.</p>
<p>B. ssessment Schedule (Timing of Each Method of Assessment)</p>	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>
<p>C. eighting of Each Method of Assessment</p>	<p>Final Written Examination 40 %</p> <p>Oral Examination 60 %</p> <p>Other types of assessment 0%</p> <p>Total 100%</p>
<p>8. List of References</p>	

A. course Notes/handouts	Department notes, lectures and handouts, logbook
B. essential Books	1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.
C. recommended Text Books	1- Dimensions of Community Health, Boston Burr Ridge Dubuque.10 2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc. 3- Epidemiology in medical practice, 5 th edition. Churchill Livingstone. New York, London and Tokyo.
D. periodicals, websites	<ol style="list-style-type: none"> 1. American Journal of Epidemiology 2. International Journal of Epidemiology 3. International Journal of Public Health 4. Egyptian Journal of Community Medicine 5. British Journal of Epidemiology and Community Health 6. WWW. CDC and WHO sites

○ **Course Coordinators:**

➤ **Coordinator:**

- 1) Assistant Professor/ Ebtasam Esmail
- 2) Assistant Professor/ Shaimaa Anwer
- 3) Lecturer / Chrestina Monir
- 4) Lecturer / Shaimma Mahmoud

➤ **Assistant-coordinators:**

- 1) Ass. Lecturer/ Sara Mohamed Sayed

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 3/5/17

Date of last update & approval by department council: 6/3/2023

نموذج رقم (١١) أ

Principles of public health- Family Medicine MSC degree	مسمى المقرر
FM200	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب
قسم: الصحة العامة والطب الوقائي

A. Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
Basic management functions		A1 A5 A6 A7	B1	C1	D4 D5
Time Management		A3 A5 A6	B2	C1	D2 D3
Health		A1 A5 A6	B1	C1	D2 D3

Education					
Community participation		A2 A5 A7	B4	C9	D1 D2 D3
The Health System in Egypt		A6	B1	C1	D2 D3 D5
Primary Health Care Program		A2	B1	C9	D2 D4
Quality Assurance Program		A3 A7	B2	C1	D3
Rural health Program		A1 A2 A4	B2	C1	D2 D3 D4
Reproductive health		A2 A5	B1 B2	C1	D2 D3 D4
Maternal and Child Health Care Program		A8	B3	C1	D5
School Health program		A7	B1	C1	D2 D3 D4
Adolescent health program		A3 A4	B2	C1	D3
Geriatrics health program		A1 A3	B1 B2	C10	D2 D3

Mental Health program		A5 A6	B5	C1	D2 D3 D4
Disability		A4 A5 A6	B3	C1	D3 D4
Universal health insurance		A10	B6	C1	D3 D4
Occupational health		A1 A2 A3	B2	C1	D4 D5
Air pollution		A1 A2 A4 A6	B2	C2	D3 D5
Water sanitation		A8	B1	C2	D3
Food Sanitation		A8	B2	C2	D4 D5

B.

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1,A2, A3, A4,A5.A6,A7, A8	B2 ,B3, B4, B5		
Practical	A4, A7,A9,A10		C2, C4, C5, C9, C10, C15 C1, C3, C7, C11, C12, C13, C14	D2, D3, D6, D7, D10, D18, D32,D11,D12,D20
Assignment	A1, A6	B1	C6,C8	D5, D20, D22, D23, D24, D25, D26,D18 D1, D4, D8, D9, D13, D14, D15, D16, D17, D19, D21, D27, D28, D29, D30, D31, D33

A. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1, A2, A3, A4, A5, A6, A7	B2, B3, B4, B5		
Practical exam (Assignment)	A4		C2, C4, C5, C9, C10, C1, C12, C8, C13, C14, C15	D2, D3, D6, D7, D10, D18, D32 D1, D4, D8, D9, D13, D14, D15, D16, D17, D19, D21, D27, D28, D29, D30, D31, D33
Oral Exam	A1	B1, B4, B5	C3, C6, C7, C11, C12	D1, D4, D5, D8, D9, D13, D14, D16, D17, D19, D20, D21, D22, D23, D24, D28, D29, D30, D31

**Test blueprint for 1st part family medicine master examination
“principles of public health “**

Topic	Hour	% of topic	Total No. of items	Written exam		Marks
				Knowledge	Intellectual	
Basic management functions	2	5%	2	2	-	1
Time management	2	5%	2	2	-	1
Health education	2	5%	2	2	-	1
Community participation	2	5%	2	1	1	2
Health system in Egypt	2	5%	2	1	1	2
PHC program	2	5%	2	2	-	1
QA program	2	5%	2	2	-	1
Rural health program	2	5%	2	2	-	1
Reproductive health	2	5%	2	1	1	2
MCH program	2	5%	2	1	1	2
School health program	2	5%	2	1	1	2
Adolescent health program	2	5%	2	1	1	2
Geriatric health program	2	5%	2	1	1	2
Mental health program	2	5%	2	2	-	1
Disability	2	5%	2	2	-	1
Universal health insurance	2	5%	2	1	1	2
Occupational health	2	5%	2	2	-	1
Air pollution	2	5%	2	2	-	1
Water sanitation	2	5%	2	1	1	2
Food sanitation	2	5%	2	1	1	2
Total	40	5%	40			30

Postgraduate MSc Course Specifications of Family Medicine

1st Part of MSc program of Family Medicine

“Concepts and strategies in family medicine”

2023

University: Minia

Faculty: Medicine

Department delivering the course: Community Medicine department

Program(s) in which the course is offered: 1st Part of MSc program of Family Medicine

9. Course Information	
Academic Year/level: First part	<ul style="list-style-type: none">Course Title: Concepts and strategies in family medicineCode: FM 200
<ul style="list-style-type: none">Number of teaching hours: - 2 credit hours	
10. Overall Aims of the course	By the end of the course the student must be able to: <ol style="list-style-type: none">Develop competent family physicians capable of providing high quality patient-centered comprehensive medical care, covering the biopsychosocial aspect of their patients based on the best available medical evidence.Conduct research relevant to the discipline of Family MedicineHandle appropriately difficult situations such as conveying bad news or dealing with patient and family anger.Demonstrate respect to all patients irrespective of their socio-cultural or religious status.Be committed to lifelong learningBe a Family-oriented physician capable of anticipating and responding to family health needs according to the policies, regulations, and guidelines of the MOHP.
11.	Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>

<p>A- Knowledge and Understanding</p>	<p>A1. Review concepts of health as related to an individual, community and population</p> <p>A2. Describe the role of Family Medicine to provide comprehensive and universal health cover to the country.</p> <p>A3. Identify characteristics of a good Family physician</p> <p>A4. Outline the causes of human disease, the body's response to disease and injury and the means by which these affect normal structure and function throughout the life cycle.</p> <p>A5. Identifies the structure of a medical record.</p> <p>A6. Identifies the legal framework underlying medical record keeping.</p> <p>A7. Understand the importance of honesty in consultation</p> <p>A8. Discuss the role of negotiation and concordance in planning interventions</p> <p>A9. Understand issues in communicating through interpreters</p> <p>A10. Explain compliance and adherence to medication and treatment</p> <p>A11. Recognize patient vulnerabilities (old people)</p> <p>A12. Discuss alternative /complementary therapies</p> <p>A13. Discuss factors which influence the rehabilitation and /or coping and adaptation of the terminally ill patient in the context of their social network and</p>
<p>B- Intellectual Skills</p>	<p>B1. Demonstrate the ability to perform the role of the Family Medicine specialist in the health care services imbining a spirit of cooperation and respect for all other specialties.</p> <p>B2. Demonstrate the ability to practice high standards of ethics and integrity in medicine</p> <p>B3. Apply the use of consultation, referral and counselling in dealing with uncertain conditions.</p> <p>B4. Recognizes the crucial role in patient care and medico legal importance of documentation and the systems in place for recording and storing information</p> <p>B5. Recognition of issues of confidentiality</p> <p>B6. Demonstrate awareness of referral routes to include the choice of appropriate teams, and appropriate and effective</p>

	<p>communication</p> <p>B7. Communicate effectively with patients, family members, colleagues and other members of the health care team including other specialists and allied health professionals</p> <p>B8. Analyze factors which influence patients responses</p> <p>B9. Practice exploring patients’ fears and concerns about their treatment</p> <p>B10. Recognize how child victims of abuse and domestic violence may present</p>
<p>C- Professional and Practical Skills</p>	<p>C1. Construct a systematic record for patient’s data with clear and adequate presentation.</p> <p>C2. Demonstrates skills required to obtain information from the medical record information</p> <p>C3. Use of patient-centred interviewing techniques during consultations including those with adolescents.</p> <p>C4. Communicate effectively with patients, family members, colleagues and other members of the health care team including other specialists and allied health professionals</p> <p>C5. Demonstrates skills of competences of organization of the consultation</p> <p>C6. Demonstrate skill in Breaking Bad News / Handling patient refusal / non-compliance / Handling complaints</p> <p>C7. Assess psycho-social and ethical factors to be considered in the planning of interventions</p> <p>C8. Being competent to break bad news</p> <p>C9. Encourage positive thinking and an attitude of recovery</p>
<p>D- General and transferable Skills</p>	<p>D1. Establish a good doctor patient relationship that enables the doctor to break bad news to patients or their relatives and deal with other stressful situations.</p> <p>D2. Recognize when to refer patients to more specialized health facility on facing a defect in knowledge or skills without delay that harms the patient.</p> <p>D3. Present information in written, electronic and verbal forms in a clear and structured manner with use of appropriate language</p> <p>D4. Share ideas and engage in arguments in a simple and effective</p>

	<p>manner with a clear delivery of information.</p> <p>D5. Deal with patients and their relatives in a clear and sympathetic manner with adequate counselling, taking into consideration beliefs, values, goals and concerns.</p> <p>D6. Work effectively within a multidisciplinary team with collaboration and respect to other team members.</p> <p>D7. Demonstrate an awareness of actions that may need to be taken to safe guard the elderly welfare</p> <p>D8. Recognize and reflect on the attitudes of terminally-ill patients in relation to death and dying</p> <p>D9. Consider triggers and barriers to consultation</p>
12.	Course Contents
Topic	2 credit hours
Introduction to family medicine:	
-Principles and Elements of Family Medicine	
-Roles of family physician	
-Characteristics of a good Family physician	
Principles and Elements of Family Medicine	
Roles of family physician	
Characteristics of a good Family physician	
Family life cycle	
Family health records	
Doctor patient relationship	
Referral	
Counseling	
Consultation	
Patient compliance	
Care of the Elderly Patient	
Breaking bad news	
Care of the Dying Patient	
Dealing with difficult patients	
Child Abuse	
Alternative medicine	
Total	2 credit hours

<p>5. Teaching and Learning Methods</p>	<p>Due to COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <p>4.1- Lectures: Face to face lectures, Pre-recorded video lectures</p> <p>4.2- Practical lessons</p> <p>4.3- Assignment</p> <p>Online quizzes</p>
<p>5. Teaching and Learning Methods for students with limited Capacity</p>	<ul style="list-style-type: none"> • Outstanding student rewarded certificate of appreciation due to high level of achievement • Limited students divided into small group to make learning more effective
<p>13. Student Assessment</p>	
<p>A. Student Assessment Methods</p>	<p>7.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>7.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>7.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>7.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>7.5- Structured oral exams: to assess knowledge.</p>
<p>B. Assessment Schedule (Timing of Each Method of Assessment)</p>	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>

C. Weighting of Each Method of Assessment	Final Written Examination 50 % Oral Examination 30 % Practical Examination 20% Other types of assessment 0% Total 100%
14. List of References	
A. Course Notes/handouts	Department notes, lectures and handouts
B. Essential Books	Principles and concepts of Family Medicine (Text book of family medicine 9th edition)
C. Recommended Text Books	- Textbook of family practice: Rakel, R.E. and Rakel, R.E., 2001. Wb Saunders. - Taylor's Manual of Family Practice: Fourth Edition, Paul M. Paulman - Swanson's Family Medicine Review [8th ed.] - Family Medicine (Current Clinical Strategies) 2006
D. Periodicals, websites	Journal of Family Medicine and Primary Care: https://journals.lww.com/jfmcp/pages/default.aspx

○ **Course Coordinators:**

➤ **Coordinator:**

- 1) Professor/ Refaat Raouf
- 2) Assistant Professor/ Ebtessam Esmail
- 3) Lecturer: Chrestina Monir
- 4) Lecturer: Shaimma Mahmoud

➤ **Assistant-coordinators:**

- 1) Ass. Lecturer/ Shaza Fadel

○ **Head of Department:**

Professor Dr. Nashwa Nabil

Date of program specifications 1st approval by department council: 5 / 3 / 2017

Date of last update & approval by department council: 6 / 3 / 2023

نموذج رقم (١١)

أكاديمية: المنيا/جامعة

معهد: الطب / كلية

قسم: الصحة العامة والطب الوقائي

Concepts and strategies in family medicine	مسمى المقرر
FM 200	كود المقرر

Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
Statistics					
Introduction to family medicine: -Principles and Elements of Family Medicine -Roles of family physician -Characteristics of a good Family physician		A1, A2,A3,A4	B1, B2		
Family life cycle		A1, A2	B1, B2		

Family health records		A5, A6	B4, B4	C1, C2, C3	
Doctor patient relationship		A9	B8	C4,	D1
Referral			B3		D2
counseling		A7, A8, A9	B3, B4	C4, C5	D4
consultation		A7, A8, A9	B3, B4	C4, C5	D3, D4
Patient compliance		A10	B8, B9	C6	
Care of the Elderly Patient		A11		C5	D6, D7
Breaking bad news		A9	B8	C4, C5, C6, C8	D5
Care of the Dying Patient		A13	B8	C9	D5, D8
Dealing with difficult patients		A9	B8, B9	C4, C6	D5
Child Abuse			B10	C7	D5
Alternative medicine		A12		C5	

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1 to A12	B1 to B10		
Practical		B3 to B8	C1, C2, C3, C4, C5, C9	D3, D6, D8
Assignment	A13	B3, B7	C7, C6	D4, D5, D1, D2, D9 D6

Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1 to A12	B1 to B10		
Practical exam		B3 to B8	C1, C2, C3, C4, C5, C9	D3, D6, D8
Oral Exam	A13	B3, B7	C7, C6	D4, D1, D2, D9 D5, D6

Test blueprint for 1st part family medicine master examination “Concepts and strategies of family medicine “

Topic	Hour	% of topic	Total No. of items	Written exam		Marks
				Knowledge	Intellectual	
Introduction to family medicine	2	5.9%	2	2	-	2
Principles and elements of family medicine	2	5.9%	2	2	-	2
Roles of family physician	2	5.9%	2	1	1	2
Characteristics of a good family physician	2	5.9%	1	1	-	1
Family life cycle	2	5.9%	1	1	-	1
Family health records	2	5.9%	2	1	1	2
Doctor patient relationship	2	5.9%	2	1	1	2
Referral	2	5.9%	1	1	-	1
Counselling	2	5.9%	2	1	1	2
Consultation	2	5.9%	2	1	1	2
Patient compliance	2	5.9%	2	1	1	2
Care of elderly patient	2	5.9%	2	2	-	2
Breaking bad news	2	5.9%	2	1	1	2
Care of the Dying patient	2	5.9%	2	1	1	2
Dealing with difficult patients	2	5.9%	2	2	-	2
Child abuse	2	5.9%	2	2	-	2
Alternative medicine	2	5.9%	1	1	-	1
Total	34		30			30

1st Part of MSc program of Family Medicine
“Medical statistics and research design”
2023

University: Minia

Faculty: Medicine

Department delivering the course: Community Medicine department

Program(s) in which the course is offered: 1st Part of MSc program of Family Medicine

15. Course Information	
Academic Year/level: First part	<ul style="list-style-type: none"> • Course Title: Medical statistics and research design • Code: FM 200
<ul style="list-style-type: none"> • Number of teaching hours: - 2 credit hours 	
16. Overall Aims of the course	<p>By the end of the course the student must be able to:</p> <ol style="list-style-type: none"> 1. Enable graduate students to use statistical principles to improve their professional work and develop the concept of critical interpretation of data 2. Gain skills necessary for proper practice in the field of Research Methods including diagnostic, problem solving and decision making skills. 3. Apply ethical principles of scientific research with good awareness about patient’s rights. 4. Use precisely the research methodology in researches 5. Influence the students to adopt an analytical thinking for evidence based medicine
17. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>	
A- Knowledge and Understanding	<p>A.1. Describe the different sampling strategies</p> <p>A.2. Summarize the advantages and disadvantages of different sampling strategies</p> <p>A.3. Summarize different methods of samples size calculation</p>

	<p>A.4. Recognize the sources and the recent methods in data collection and analysis.</p> <p>A.5. Identify the types of variables</p> <p>A.6. Identify types of tabular and graphic presentation of data</p> <p>A.7. Describe the normal curves and its uses</p> <p>A.8. Identify the characters of normal distribution curve</p> <p>A.9. Identify measures of central tendency and measures of dispersion</p> <p>A.10. Explain regression analysis, its use and differentiate its types</p> <p>A.11. Define the screening tests pertinent to selected diseases and the at-risk approach in the application of screening tests</p> <p>A.12. Explain the usefulness of screening tests</p> <p>A.13. Define terms of research methodology .</p> <p>A.14. Describe the spectrum of research methodology .</p> <p>A.15. Explain the strategies and design of researches .</p> <p>A.16. Describe the study design, uses, and limitations .</p> <p>A.17. Explain evidence based Medicine</p> <p>A.18. Define causation and association .</p> <p>A.19. Tell the principles and fundamentals of ethics.</p>
<p>B- Intellectual Skills</p>	<p>B.1. Describe the normal curves</p> <p>B.2. Describe and summarize data</p> <p>B.3. Select the proper test of significance for a specific data.</p> <p>B.4. Interpret selected tests of significance and the inferences obtained from such tests</p> <p>B.5. Apply research methods to different community health problems.</p> <p>B.6. Apply appropriate research strategies for use .</p> <p>B.7. Select appropriate research methods .</p> <p>B.8. Teach and advocate appropriately in the research design.</p>

C- Professional and Practical Skills	<p>C.1. Design data entry file</p> <p>C.2. Validate data entry</p> <p>C.3. Manage data files</p> <p>C.4. Construct tables and graphs</p> <p>C.5. Calculate different samples sizes</p> <p>C.6. Calculate measures of central tendency and measures of dispersion</p> <p>C.7. Calculate sensitivity, specificity, and predictive values</p> <p>C.8. Plan a research proposal for community diagnosis.</p> <p>C.9. Design questionnaires.</p> <p>C.10. Conduct researches.</p> <p>C.11. Judge association and causation.</p> <p>C.12. Criticize for bias and confounding factors</p>
D- General and transferable Skills	<p>D.1. Appraise scientific evidence</p> <p>D.2. Analyze and interpret data</p> <p>D.3. Lead a research team to conduct a specific study .</p> <p>D.4. Take part and work coherently with his associates to in researches.</p> <p>D.5. Write scientific papers.</p>

18.

Course Contents

Topic	No. of hours	Lecture	Tutorial/ Practical
Statistics			
Sampling	1	1	
Introduction to Sample Size Calculation	2	1	2
Data presentation	3	1	2
Tests of significance	3	1	2
Introduction to SPSS	3	1	2
Proportion test	3	1	2
Chi-square test	4		4

Student T test, Paired T test	4		4
ANOVA test	2		2
Correlation (simple and multiple)	3	1	2
Regression	3	1	2
Screening	3	1	2
<u>Introduction :</u> - Introduction to research. - Terminology and Rationale - Originality		1	
- Study design : -Cross sectional study and the prevalence rate -Cohort study, incidence rate, relative & attributable risk -Case-control study, Odd's ratio sampling -Experimental study and clinical trials		2	2
Sources of Errors in Medical Research - Bias and confounding and its Control.		1	2
- Validity and reliability		1	
- The questionnaire design		1	
- Writing the Research Paper or Manuscript - Protocol Writing		1	
- Critic technique for the literature review		1	
- Association and causation		1	
- Evidence -based approach in medical practice		1	
- Ethics of medical research		1	
Total	50	20	30

<p>5. Teaching and Learning Methods</p>	<p>Due to COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <p>4.1- Lectures: Face to face lectures, Pre-recorded video lectures</p> <p>4.2- Practical lessons</p> <p>4.3- Assignment</p> <p>Online quizzes</p>
<p>5. Teaching and Learning Methods for students with limited Capacity</p>	<ul style="list-style-type: none"> • Outstanding student rewarded certificate of appreciation due to high level of achievement • Limited students divided into small group to make learning more effective
<p>19. Student Assessment</p>	
<p>A. Student Assessment Methods</p>	<p>7.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>7.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>7.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>7.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>7.5- Structured oral exams: to assess knowledge.</p>
<p>B. Assessment Schedule (Timing of Each Method of Assessment)</p>	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>

C. Weighting of Each Method of Assessment	Final Written Examination 50 % Oral Examination 30 % Practical Examination 20% Other types of assessment 0% Total 100%
20. List of References	
A. Course Notes/handouts	Department notes, lectures and handouts
B. Essential Books	Essential Medical Statistics, Betty R. Kirkwood and J. A. Sterne (2000), 2nd edition - The Lancet Handbook of Essential Concepts in Clinical Research
C. Recommended Text Books	<ol style="list-style-type: none"> 1. Discovering statistics using IBM SPSS statistics, Field, A. (2013). sage. 2. Medical Statistics: A Guide to SPSS, Data Analysis and Critical Appraisal, Belinda Barton, Jennifer Peat - 2nd Edition Everitt, Brian S. 3. Medical statistics from A to Z: a guide for clinicians and medical students. Cambridge University Press, 2021. 4. Bowers, David. Medical statistics from scratch: an introduction for health professionals. John Wiley & Sons, 2019. 5. Aviva, P. (2005): Medical Statistics at a Glance, Blackwell Company, 2nd, ed., Philadelphia. <ul style="list-style-type: none"> - Introducing Research Methodology; A Beginner's Guide to Doing a Research Project - Understanding Clinical Research, Renato Lopes and Robert Harrington; ISBN-10: 0071746781 ISBN-13: 978-0071746786 - Users' guides to the medical literature: a manual for evidence-based clinical practice: Guyatt, G., D. Rennie, M. Meade and D. Cook (2002), AMA press Chicago. - Research Methods in Community Medicine: Surveys, Epidemiological

	Research, Programme Evaluation, Clinical Trials, 6th Edition Joseph Abramson, Z. H. Abramson
D. Periodicals, websites	<ol style="list-style-type: none"> 1. Journal of Biomedical Education 2. https://lagunita.stanford.edu/courses/Medicine/MedStats-SP/SelfPaced/about?fbclid=IwAR3nfirLM4wnuEqqUjLjk8TCR7lzPdnpGqwin06L-GjFq32a62w3j6R5s9c

○ **Course Coordinators:**

➤ **Coordinator:**

- 5) Assistant Professor/ Ebtessam Esmail
- 6) Professor/ Shaimaa Anwer

➤ **Assistant-coordinators:**

- 1) Ass. Lecturer/ Shaza Fadel
- 2) Lecturers : Chrestina Monir / Shaimma Mahmoud

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 5 / 3/ 2017

Date of last update & approval by department council: 6 / 3 / 2023

نموذج رقم (١١)

أكاديمية :المنيا/جامعة

معهد: الطب / كلية

قسم: الصحة العامة والطب الوقائي

Medical statistics and research design	مسمى المقرر
FM 200	كود المقرر

Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
Statistics					
Sampling		A.1, A.2			
Introduction to Sample Size Calculation		A.3,		C.5	
Data presentation		A.4, A.5, A.6	B.2,	C.4	
Tests of significance		A.7, A.8, A.9	B.1, B.3, B.4	C.6	D.1, D.2, D.3, D.4
Introduction to SPSS		A.5	B.3, B.4	C.1, C.2, C.3	D.1, D.2, D.3, D.4
Proportion test			B.3, B.4		D.1, D.2, D.3,

					D.4
Chi-square test			B.3, B.4		D.1, D.2, D.3, D.4
Student T test, Paired T test			B.3, B.4		D.1, D.2, D.3, D.4
ANOVA test			B.3, B.4		D.1, D.2, D.3, D.4
Correlation (simple and multiple)			B.3, B.4		D.1, D.2, D.3, D.4
Regression		A.10	B.3, B.4		D.1, D.2, D.3, D.4
Screening		A.11, A.12		C.7	
Research design					
Introduction : - Introduction to research. - Terminology and Rationale - Originality		A13, A14	B5	C8, C10	D4
- Study design : -Cross sectional study and the prevalence rate -Cohort study, incidence rate, relative & attributable risk -Case-control study, Odd's ratio sampling -Experimental study and clinical trials		A15, A16	B5, B6, B7	C8, C10	D2, D3, D4
Sources of Errors in Medical Research - Bias and			B8	C10, C12	D4

confounding and its Control.					
- Validity and reliability					D4
- The questionnaire design			B6, B7, B8	C9	
- Writing the Research Paper or Manuscript - Protocol Writing			B6, B7, B8		D5
- Critic technique for the literature review		A17	B6, B8	C10	D2
- Association and causation		A17, A18	B6, B7, B8	C11	
- Evidence -based approach in medical practice			B6, B7		D1
- Ethics of medical research		A19			D4

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A.1 to A.19	B.1, B2, B6, B6		
Practical		B.1, B.3, B.4,	C.1, C.2, C.3, C.4, C10, C11,	D.2, D3, D4

		B5, B6, B7	C8,C9 ,C12	
Assignment	A.3	B.2, B7, B8	C.5, C.6, C.7	D1,D.2, D3, D4

Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A.1 to A.19	B.1, B2, B6, B6		
Practical exam		B.1, B.3, B.4, B5, B6, B7	C.1, C.2, C.3, C.4, c8,C9,C10, C11, C12	D1, D.2, D3, D4
Oral Exam	A.1 to A.19	B.2, B7, B8	C.5, C.6, C.7	D.2, D3, D4

Blueprint of Statistics and research examination paper

Topic	Hours	Knowledge%	Intellectual%	%topic	Knowledge		Intellectual		Marks
					No of item	mark	No of item	mark	
Statistics	9	70%	30%	45%	2	8	1	7	15
Research	11	60%	40%	55%	1	8	1	7	15
Total	20			100%					30

**Course Specification of Medical Ethics
Master degree of family medicine (2022-2023)**

University: Minia

Faculty: Medicine

Program on which the course is given: Master degree of family medicine

Major or minor element of program: Medical ethics, ethics of medical research

Department offering the program: Public health and Preventive medicine Department

Department offering the course: Forensic Medicine & Clinical Toxicology Department

Academic year / Level: First part

Date of specification approval: Last date of approval: 7/11/2021

A. Basic Information		
<ul style="list-style-type: none"> • Academic Year/level: Post graduate; 1st Part MSC, Public health and preventive medicine 	<ul style="list-style-type: none"> • Course Title: Course Specification of Medical Ethics (Master degree of public health and preventive medicine) 	<ul style="list-style-type: none"> • Code: CM200
<ul style="list-style-type: none"> • Number of teaching hours: <ul style="list-style-type: none"> - Lectures: Total of 30 hours; 3 hour/week - Practical: Total of 15 hours; 1 hour/week 		
B- Professional Information		
<p>1. Overall Aims of the course</p>	<p>By the end of the course the student should be able to identify the value of studying and practicing medicine, the duties of doctors towards their patients, colleagues and community, the ethics in medical consultations among colleagues and also able to explain respect the patient's confidentiality and secrets, recognize the role of health care providers in the community and describe medical errors, negligence and legal issues, ethics of medical research especially on human beings and finally able to explain ethics and evidence based medicine</p>	
<p>2. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>		
<p>A- Knowledge and Understanding</p>	<p>A.1- Identify the basic concept of learning and practicing medicine from the religious and human point of view.</p>	

	<p>A.2- Identify the very beneficial impressive history of medicine; ethics related.</p> <p>A.3- Classify the main principles of medical ethics.</p> <p>A.4- Recognize an integrated approach to deal with patients, their families, community and medical staff in an ethical, legal and human manner.</p> <p>A.5- Identify rules in law and regulations to deal with patients in practicing medicine.</p> <p>A.6- Explain the standard and accredited methods of clinical research especially on human beings.</p>
B- Intellectual Skills	<p>B.1- Design approach to patients in different situations; critical and noncritical ones.</p> <p>B.2- Develop adequate communication skills with patients, community and colleagues.</p> <p>B.3- Conclude in medical researches on clear ethical basis.</p> <p>B.4- Use knowledge and learn according to standard basis worldwide.</p> <p>B.5- Apply and practice medicine according to concepts of evidence based medicine.</p> <p>B.6- Recognize common ethical dilemma and suggest a proper solution.</p>
C- Professional and Practical Skills	<p>C.1- Use a high professional approach with colleagues and patients.</p> <p>C.2- Modify steps of upgrading his/her educational, academic and clinical carriers.</p> <p>C.3- Use the standard guidelines in managing patients.</p> <p>C.4- Identify what is called as clinical governance and auditing his /her Performance.</p>
D- General and transferable Skills	<p>D.1- Identify how to respect his/herself and the profession.</p> <p>D.2- Develop adequate behavior and skill communications with community.</p> <p>D.3- Modify life and live like others sharing social and national affairs.</p> <p>D.4- Develop the capacity of helping people and share in upgrading their culture and education.</p> <p>D.5- Identify how to participate in the national and social affairs and responsibilities.</p>

3- Course Contents

TOPIC	Lecture Hours	Practical Hours	Total hours
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Medical Responsibility and Duties of the physician	2	1	3
Medicolegal aspect of cloning	2	1	3
Defensive Medicine	2	1	3
Diagnosis of death & Death Certificates	2	1	3
Consent in medical field	2	1	3
Medical malpractice	2	1	3
Medical syndicate	2	1	3
Professional secrecy	2	1	3
Physician disciplinary proceeding	2	1	3
Domestic Violence	2	1	3
Euthanasia (Mercy death)	2	1	3
Ethics in medical research	2	1	3
Medical reports	2	1	3
Rules of using addictive drugs among physicians	2	1	3
Medical certificates	2	1	3
Total	(30 hr.) 2/W	(15 hr.) 1/W	(45 hr.) 3/W

4- Teaching and Learning Methods	<p>4.1 - Straight lectures; power point presentations</p> <p>4.2 - Practical lessons</p> <p>4.3 - Brain storming with the students</p> <p>4.4 - Questions and Answers</p>						
5- Teaching and Learning Methods to students with limited Capacity	(Not applicable)						
A. Student Assessment Methods	<p><u>TENDANCE CRITERIA:</u> by Faculty laws (log book)</p> <p><u>ASSESSMENT TOOLS:</u></p> <p>*Final Written exam: short essay to asses knowledge and understanding. problem solving to asses intellectual skills MCQ to assess knowledge and intellectual skills.</p> <p>*Oral exam; to asses knowledge and understanding. Also intellectual skills, attitude, and communication.</p> <p>*Practical exam: to assess practical and professional skills.</p>						
B. Assessment Schedule	<ul style="list-style-type: none"> • Final Written exam week: 24-28 • Oral exam week: 24-28 • Practical exam week: 24-28 						
C. Weighting of Assessment	<table border="0"> <tr> <td>• Final Written exam</td> <td>40% (40 Marks)</td> </tr> <tr> <td>• Oral & Practical exams</td> <td>60% (60 Marks)</td> </tr> <tr> <td>• Total</td> <td>100% (100 Marks)</td> </tr> </table>	• Final Written exam	40% (40 Marks)	• Oral & Practical exams	60% (60 Marks)	• Total	100% (100 Marks)
• Final Written exam	40% (40 Marks)						
• Oral & Practical exams	60% (60 Marks)						
• Total	100% (100 Marks)						
6- List of References							
▪ Course Notes/handouts	Department book by staff members. Log Book.						
▪ Essential Books (text books)	Medical Ethics Manual, 2nd Edition John R. Williams, 2009. Medical Ethics, 2nd Edition, Michael Boylan, 2014.						
▪ Recommended Books	Text book of medical ethics, Erich H. Loewy, 1989						
▪ Periodicals	Journal of Medical Ethics Journal of Medical Ethics and History of Medicine						
▪ Web sites	https://en.wikipedia.org/wiki/Medical_ethics https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5074007/						
7- Facilities required for teaching and learning	Classrooms for theoretical lectures and tutorials						

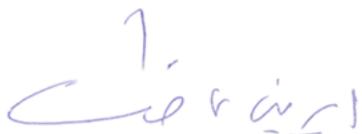
Course Coordinators:

Prof. Dr. Morid Malak Hanna

Dr. Mennatallah Mahmoud Ahmed

Head of Department:

Prof. Dr. Irene Atef Fawzy

A handwritten signature in blue ink, appearing to be 'Irene Atef Fawzy', written in a cursive style.

Date of last update & approval by department council: 5/3/2023

	كود المقرر
Course Specification of Medical Ethics Master degree of Public health and preventive medicine (First part))	مسمى المقرر

جامعة/أكاديمية :المنيا.....

قسم:الطب الشرعى والسموم
الأكلينكية.....

A. The Matrix of Coverage of Course IL by Contents

Contents	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Medical Responsibility and Duties of the physician	A1,3	B4	C1	D1,2
Medicolegal aspect of cloning	A1,2	B3	-	-
Defensive Medicine	A4,5	B6	C3	D3
Diagnosis of death & Death Certificates	A1,2	B2	-	-
Consent in medical field	A2,5	-	-	-
Medical malpractice	A1,6	B5	C4	D5
Medical syndicate	A5,6	B3	-	-
Professional	A1,2,3	-	-	D4

secrecy				
Physician disciplinary proceeding	A2,4,5	B2	-	D1,2,3
Domestic Violence	A2,4,6	-	C2	-
Euthanasia (Mercy death)	A1,3,4	B1	-	-
Ethics in medical research	A1,2	-	-	-
Medical reports	A3,4	-	C1,2	D1,2
Rules of using addictive drugs among physicians	A1,4	B1,2	-	-
Medical certificates	A1,6	B3,5	C3	D1,4

Course Coordinator: Dr. Morid Malak Hanna

Head of Department:

Prof. Dr. Irene Atef Fawzy

Irene Atef Fawzy

B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1,2,3,4,5,6	B1,2,3,4,5,6	-	-
Practical	-	-	C1,2,3,4	-
Presentation/seminar	-	-	-	D1,2,3,4,5
Journal club	-	-	-	-
Thesis discussion	-	-	-	-
Training courses & workshops	-	-	-	D1,2,3,4,5

Course Coordinator: Dr. Morid Malak Hanna

Head of Department:
Prof. Dr. Irene Atef Fawzy

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C. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1,2,3,4,4,5,6	B1,2,3,4,5	-	-
Practical exam	-	-	C1,2,3,4,5	-
Oral Exam	A1,2,3,4,4,5,6	B1,2,3,4,5	-	-

Course Coordinator: Dr. Morid Malak Hanna

Head of Department:

Prof. Dr. Irene Atef Fawzy



**Blueprint of 1st master of family medicine Postgraduates” Medical Ethics Examination Paper
(40 marks)**

	Topic	Hours	Knowledge %	Intellectual %	% of topic	N of items Per topic	Knowledge		Intellectual		Marks	Actual Mark
							N of items	Mark	N of items	Mark		
1	Medical Responsibility and Duties of the physician & Defensive Medicine	4	75	25	13.32	1	1	5.32	1	10	5.32	5
2	Medicolegal aspect of cloning	2	75	25	6.66	1	1	2.66	---	---	2.66	3
3	Diagnosis of death & Death Certificates	2	75	25	6.66	1	1	2.66	---	---	2.66	3
4	Consent in medical field & Medical malpractice	4	70	30	13.32	1	1	5.32	1	10	5.32	5
5	Medicalsyndicate &Professional secrecy	4	75	25	13.32	1	1	5.32	---	---	5.32	5
6	Physician disciplinary proceeding & Euthanasia (Mercy death)	4	75	25	13.32	1	1	5.32	1	10	5.32	5
7	Domestic Violence	2	70	30	6.66	1	1	2.66	---	---	2.66	3
8	Ethics in medical research	2	80	20	6.66	1	1	2.66	---	---	2.66	3
9	Medical reports & Medical certificates	4	80	20	13.32	1	1	5.42	1	10	5.42	5

10	Rules of using addictive drugs among physicians	2	75	25	6.76	1	1	2.66	---	---	2.66	3
	Total	30			100%			40		40	40	40

Course Coordinator: Dr. Morid Malak Hanna

**Head of Department:
Atef Fawzy**

Prof. Dr. Irene

Postgraduate MSc Course Specifications of Family Medicine

<p style="text-align: center;">2nd Part of MSc program of Family Medicine “General and Clinical epidemiology” 2023</p>

University: Minia

Faculty: Medicine

Department: Community Medicine department

1. Course Information		
Academic Year/level: 2nd part	Course Title: General and clinical epidemiology	Code: FM
● Number of teaching hours: 2 credit hours		
2.Overall Aims of the course	<i>By the end of the course the student must be able to:</i> <ol style="list-style-type: none"><i>1. Prepare a community-oriented physician capable of anticipating and responding to community health needs according to the policies, regulations, and guidelines of the MOHP.</i><i>2. Develop a postgraduate student who will be able to take leadership in the field of Family Medicine by applying the scientific knowledge and skills learned.</i><i>3. Generate an new minds which knowing the importance of preventing diseases and injuries, promotion of well being and maintaining good physical and mental health.</i><i>4. Create an environment suitable to interdisciplinary Family Medicine initiatives, with focusing on</i>	

	<p><i>vulnerable groups who suffer disproportionately from illness and disability.</i></p> <p>5. <i>Participate with different sectors of the community in combating the health challenges in our community.</i></p>
<p>3.Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
<p>A- knowledge and Understand ing</p>	<p>A1. Illustrate a knowledge base in, communicable and non-communicable diseases epidemiology, communication and health behaviour, nutrition in health and disease, health care management and administration, health systems and services, rural, adolescent, reproductive, elderly, and environmental health.</p> <p>A2. Recognize the basics of infection control measures, and their role in disease prevention</p> <p>A3. Identify health problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs.</p> <p>A.4. Describe epidemiology of COVID-19 virus and identify Strategies to Reduce Spread of Covid-19</p> <p>A.5. Describe basic steps of COVID-19 case investigation</p>
<p>B- ntellectual Skills</p>	<p>B1-Design a programs to specific Family Medicine problems including the ability to identify the problem, situation analysis, problem analysis, identification of obstacles and constraints and strategy formulation.</p> <p>B2- Criticize prevention and control programs of diseases</p> <p>B3- Reframe the community toward evidence based medicine</p>
<p>C- rofessional</p>	<p>C1. Develop disease surveillance</p>

<p>and Practical Skills</p>	<p>C2. Illustrate early detection and early warning of communicable and non-communicable diseases according to protocol)</p> <p>C3. Develop control measures (according to protocol)</p> <p>C4. Collaborate in campaigns and control activities/mass treatments as required</p> <p>C5. Design an epidemiological study for an investigation of an epidemic/outbreak</p> <p>C6. Evaluation of public health services</p> <p>C7. Connect effectively with clients, colleagues from other specialties.</p> <p>C8. Articulate in health promotion</p> <p>C.9. Draw chart describing the for surveillance procedure of COVID-19 virus infection</p>
<p>D-eneral and transferable Skills</p>	<p>D1. Criticize indicators of health and disease</p> <p>D2. Identify prevalent health problems in a community, using various epidemiological strategies</p> <p>D3. Articulate in investigation of an epidemic/outbreak as part of a health team</p> <p>D4. Identify trends in health and disease</p> <p>D5. Use appropriate health promotion, disease prevention, and control measures</p> <p>D6. Use disease prevention and control measures to identified priority communicable and non-communicable diseases</p> <p>D7. Take part in conducting public health surveillance.</p> <p>D8. Change health behavior theories to different Family Medicine health problems</p> <p>D9. Identify behavioral and social variables impacting health and disease</p> <p>D10. Use appropriate communication strategies for use</p>

	<p>with clients, the health care team, and the community</p> <p>D12. Use appropriate health education methods and materials</p> <p>D13. Teach effectively in the health care environment</p> <p>D14. Develop appropriately the health care setting</p> <p>D15. Modify the community toward improved health</p> <p>D16. Use policies and approved standards</p> <p>D17. Write administrative and service responsibilities</p> <p>D18. Collaborate as a member/leader of a team (staff management)</p> <p>D19. Collaborate effectively in the existing system, including referral</p> <p>D20. Use and maintain records</p> <p>D21. Pritorize resources, including application of basic principles of health economics</p> <p>D22. Use exclusively the national essential drug list</p> <p>D23. Develop accurate recording and certification (e.g., birth, death, international classification of diseases</p> <p>D24. Define and use data for planning, implementing, and evaluating activities</p> <p>D25. Develop quality assessment and performance improvement</p> <p>D26. Develop self-assessment and assessment of peers</p> <p>D27. Collaborate effectively with other sectors (social, agricultural, education) to promote the health of the community</p> <p>.</p>
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4.Course Contents

Topic	No. of hours	Lecture	Tutorial/Practical
1. Concept of Health and disease			
2. Epidemiological Cycle			

<ol style="list-style-type: none"> 3. Pattern of Spread of diseases 4. Zoonotic Diseases 5. Prevention and control of Infectious Diseases 6. Public Health Surveillance 7. Investigation of an Outbreak 8. Hospital Acquired Infection 9. Viral droplet infections 10. Bacterial Droplet Infections Pertussis 11. Diseases Transmitted Mainly by Ingestion 12. Diseases transmitted by contact 13. Sexually Transmitted Diseases 14. Arthropod-Borne Diseases 15. Main Tropical Diseases 16. Non-communicable diseases 			
5. Teaching and Learning Methods	<p>Due to COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <p>4.1- Lectures: Face to face lectures, Pre-recorded video lectures</p> <p>4.2- Practical lessons</p> <p>4.3- Assignment :Online quizzes</p>		
6. Teaching and Learning Methods for students with limited Capacity	<p>1-Providing extra lectures and practical sessions.</p> <p>2-Timing of lectures and practical sessions according to their schedule.</p> <p>3-Providing lectures and practical sessions in suitable places for them.</p>		
7 Student Assessment			
A. Student Assessment Methods	<p>5.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>5.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>5.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>5.4- Oral Exams: Oral exams to assess knowledge</p>		

	and understanding, attitude, communication 5.5- Structured oral exams: to assess knowledge.
B. Assessment Schedule (Timing of Each Method of Assessment)	Assessment 1: Final written exam week: 24-28 Assessment 2: Oral exam week: 24-28 Assessment 3: Practical exam week: 24-28
C. Weighting of Each Method of Assessment	Final Written Examination 40 % Oral Examination 60 % Other types of assessment 0% Total 100%
8.List of References	
A. Course Notes/handouts	Department notes, lectures and handouts, logbook
B. Essential Books	1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.
C. Recommended Text Books	1- Dimensions of Community Health, Boston Burr Ridge Dubuque.10 2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc. 3- Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.
D. Periodicals, websites	1. American Journal of Epidemiology 2. International Journal of Epidemiology 3. International Journal of Public Health 4. Egyptian Journal of Community Medicine 5. British Journal of Epidemiology and Community Health 6. WWW. CDC and WHO sites

○ **Course Coordinators:**

➤ **Coordinator:**

1) Assistant Professor/ Ebtessam Esmail

➤ **Assistant-coordinators:**

1) Ass. Lecturer/ Mayada Noor

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 5/3/2017

**Date of last update & approval by department council:
6 / 3 /2023**

(نموذج رقم (١١) أ)

General and clinical epidemiology for 2nd part_MSC degree	مسمى المقرر
FM200	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب
قسم: الصحة العامة والطب الوقائي

A. Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
1. Concept of Health and disease 2. Epidemiological Cycle		A1, A2, A3, A4,A5	B1, B2,B3	C1,C2,C3,C4,C5, C6,C7,C8,C9	D1, D2, D3, D4, D5, D6, D7,

<ul style="list-style-type: none"> 3. Pattern of Spread of diseases 4. Zoonotic Diseases 5. Prevention and control of Infectious Diseases 6. Public Health Surveillance 7. Investigation of an Outbreak 8. Hospital Acquired Infection 9. Viral droplet infections 10. Bacterial Droplet Infections Pertussis 11. Diseases Transmitted Mainly by Ingestion 12. Diseases transmitted by contact 13. Sexually Transmitted Diseases 14. Arthropod-Borne Diseases 15. Main Tropical Diseases 16. Non-communicable diseases 					D8,D9,D10,D11,D 12,D13,D14,D15,D 16,D17,D18,D19,D 20,D21,D22,D23,D 24,D25,D26,D27
Total					

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A2, A3, A4,A5	B2, B3		
Practical			C1, C2,C3, C4, C5,C7, C9	D1 ,D2, D3, D6, D7,D8,D9, D10, D18, D19 , D32,D11,D12,D20
Assignment	A1, A5	B1	C6,C8	D4 ,D5,D13 D14 D15 D16 D17 D20, D21,D22, D23, D24, D25, D26,D27,D18

A. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1, A2, A3, A4, A5	B2, B3	C1, C3, C7	D1, D4, D8, D9, D13, D14, D15, D16, D17, D19, D21, D27
Practical exam	A4	B1, B2	C2, C4, C5, C9	D2, D3, D6, D7, D10, D18
Oral Exam	A1	B1, B2, B3	C3, C6, C7	D1, D4, D5, D8, D9, D13, D14, D16, D17, D19, D20, D21, D22, D23, D24

Test blueprint for General epidemiology exam for master of family medicine examination

Topic	Hour	% of topic	Total No. of items	Written exam		Marks
				Knowledge	Intellectual	
Concepts of health and diseases	2	6.25%	4	3	1	4
Epidemiological cycle	2	6.25%	2	1	1	2
Pattern of spread of diseases	2	6.25%	2	2	-	2
Zoonotic diseases	2	6.25%	2	2	-	2
Prevention and control of infectious diseases	2	6.25%	2	2	-	2
Public health surveillance	2	6.25%	2	1	1	2
Investigation of outbreak	2	6.25%	2	1	1	2
Hospital acquired infection	2	6.25%	2	1	1	2
Viral droplet infections	2	6.25%	2	2	-	2
Bacterial droplet infection pertussis	2	6.25%	4	3	1	4
Diseases transmitted mainly by ingestion	2	6.25%	2	1	1	2
Diseases transmitted by contact	2	6.25%	2	1	1	2

Sexually transmitted diseases	2	6.25%	4	4	-	4
Arthropod –Borne Diseases	2	6.25%	2	1	1	2
Main tropical diseases	2	6.25%	2	1	1	2
Non-communicable diseases	2	6.25%	4	3	1	4
Total	32	100%	40			40

Postgraduate MSc Course Specifications of Family Medicine

2nd Part of MSc program of Family Medicine

“Nutrition in health and disease”

2023

University: Minia

Faculty: Medicine

Department: Community Medicine department

1. Course Information	
Academic Year/level: 2nd part	Course Title: Nutrition in Health and Disease Code: FM200
● Number of teaching hours: - 1 credit hour	
2.Overall Aims of the course	<i>By the end of the course the student must be able to:</i> <ol style="list-style-type: none"><i>1. Prepare a community-oriented physician capable of anticipating and responding to community health needs according to the policies, regulations, and guidelines of the MOHP.</i><i>2. Develop a postgraduate student who will be able to take leadership in the field of Family Medicine by applying the scientific knowledge and skills learned.</i><i>3. Generate an new minds which knowing the importance of preventing diseases and injuries, promotion of well being and maintaining good physical and mental health.</i>

	<p>4. <i>Create an environment suitable to interdisciplinary Family Medicine initiatives, with focusing on vulnerable groups who suffer disproportionately from illness and disability.</i></p> <p>5. <i>Participate with different sectors of the community in combating the health challenges in our community.</i></p> <p>6. <i>introduces to the concepts of nutrition in illness and wellness, learn about the nutritional requirements during all stages of life. Attention is given to the nutrition and metabolism.</i></p> <p>7. <i>Assessing and providing proper nutritional needs of all individuals</i></p>
<p>3.Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
<p>A- knowledge and Understan ding</p>	<p>A1 . Identify nutritional problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs.</p> <p>A2. Recognize the importance of food and nutrition.</p> <p>A3. Describe nutritional needs to all age groups e.g. Children, pregnant and lactating mothers and old age group.</p> <p>A4. Identify prevention and control of malnutrition.</p> <p>A5. Describe the nutritional requirement for prevention and treatment of disease.</p>
<p>B-</p>	<p>B1.Design a programs to specific Family Medicine</p>

Intellectual Skills	<p>problems including the ability to identify the problem, situation analysis, problem analysis, identification of obstacles and constraints and strategy formulation.</p> <p>B2. Criticize prevention and control programs of malnutrition.</p> <p>B3. Write the symptoms due to lack of food elements and how to manage them.</p> <p>B4. Able to provide nutritional advice and protocol for patients infected with COVID-19</p>
C- Professional and Practical Skills	<p>C1. Illustrate early detection and early warning of malnutrition (according to protocol)</p> <p>C2. Collaborate in prevention and control activities/mass treatments as required</p> <p>C3. Evaluation of public health services</p> <p>C4. Connect effectively with clients, colleagues from other specialties.</p> <p>C5. Articulate in health promotion</p> <p>C6. Modify the normal diet into therapeutic diet therapy.</p> <p>C7. Plan the dietary management for patients with different health conditions</p>
D- General and transferable Skills	<p>D1. Criticize indicators of nutritional deficiencies.</p> <p>D2. Identify prevalent nutritional problems in a community, using various strategies</p> <p>D3. Use appropriate health promotion, nutritional problems prevention, and control measures</p> <p>D4. Use nutritional problems prevention and control</p>

	<p>measures .</p> <p>D5. Use of communication technique and creative thinking</p> <p>D6. Illustrate early detection of nutritional deficiency.</p>
4.Course Contents	
Topic	
<ol style="list-style-type: none"> 1. Basic nutrition 2. Principles of planning an adequate diet 3. Assessment of nutritional status 4. Feeding pattern of Egyptian population 5. Macronutrients 6. Micronutrients 7. Antioxidants 8. Feeding of vulnerable groups 9. Breast feeding 10.Malnutrition 11.Dietetics 12.Healthy eating 	
5.Teaching and Learning Methods	<p>Due to COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <p>4.1- Lectures: Face to face lectures, Pre-recorded video lectures</p>

	<p>4.2- Practical lessons</p> <p>4.3- Assignment :Online quizzes</p>
6.Teaching and Learning Methods for students with limited Capacity	<p>1-Providing extra lectures and practical sessions.</p> <p>2-Timing of lectures and practical sessions according to their schedule.</p> <p>3-Providing lectures and practical sessions in suitable places for them.</p>
7 Student Assessment	
A. Student Assessment Methods	<p>5.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>5.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>5.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>5.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>5.5- Structured oral exams: to assess knowledge.</p>
B. Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>
C. Weighting of Each Method of Assessment	<p>Final Written Examination 40 %</p> <p>Oral Examination 60 %</p> <p>Other types of assessment 0%</p> <p>Total 100%</p>
8.List of References	

A. Course Notes/handouts	Department notes, lectures and handouts, logbook
B. Essential Books	1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.
C. Recommended Text Books	1- Dimensions of Community Health, Boston Burr Ridge Dubuque.10 2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc. 3- Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.
D. Periodicals, websites	1. American Journal of Epidemiology 2. International Journal of Epidemiology 3. International Journal of Public Health 4. Egyptian Journal of Community Medicine 5. British Journal of Epidemiology and Community Health 6. WWW. CDC and WHO sites

○ **Course Coordinators:**

➤ **Coordinator:**

1) Assistant Professor/ Ebtessam Esmail

➤ **Assistant-coordinators:**

1) Ass. Lecturer/ Mayada Noor

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 5/3/2017

Date of last update & approval by department council: 6/3/2023

(نموذج رقم (١١) أ)

Nutrition in health and disease 2nd part_MSC degree of Family Medicine	مسمى المقرر
FM200	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب
قسم: الصحة العامة والطب الوقائي

Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No. .	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
1. Basic nutrition 2. Principles of planning an adequate diet 3. Assessment of nutritional status 4. Feeding pattern of Egyptian population		A1, A2, A3, A4,A5	B1, B2,B4	C1,C2,C3,C4, C5,C6,C7	D1, D2, D3, D4, D5, D6

5. Macronutrients					
6. Micronutrients					
7. Antioxidants					
8. Feeding of vulnerable groups					
9. Breast feeding					
10. Malnutrition					
11. Dietetics					
12. Healthy eating					
Total					

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Method s of Teachin g & Learnin g	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A2, A3, A4,A5	B2, B4		
Practical			C1, C2,C3, C4, C5,C7	D2, D3, D6
Assignme nt	A1, A5	B1	C3,C7	D1 ,D4, D5, D6

A. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1, A2, A3, A4, A5	B1, B2, B3		
Practical exam			C1, C2, C3, C4, C5, C7	D2, D3, D6
Oral Exam	A1	B1, B2, B3	C3, C6, C7	D1, D4, D5, D6

Test blueprint for nutrition in health and disease exam for master of family medicine examination

Topic	Hour	% of topic	Total No. of items	Written exam		Marks
				Knowledge	Intellectual	
Basic nutrition	1	8.3%	2	2	-	2
Principles of planning an adequate diet	1	8.3%	1	1	-	1
Assessment of nutritional status	1	8.3%	2	1	1	2
Feeding pattern of Egyptian population	1	8.3%	1	1	-	1
Macronutrients	1	8.3%	1	1	-	1
Micronutrients	1	8.3%	1	1	-	1
Antioxidants	1	8.3%	2	2	-	2
Feeding of vulnerable groups	1	8.3%	2	2	-	2
Breast feeding	1	8.3%	2	1	1	2
Malnutrition	1	8.3%	2	1	1	2
Dietetics	1	8.3%	2	2	-	2
Healthy eating	1	8.3%	2	2	-	2
Total	12	100%				20

Postgraduate MSc Course Specifications of Family Medicine

2nd Part of MSc program of Family Medicine

“Communication skills in relation to Family Medicine”

2023

University: Minia

Faculty: Medicine

Department: Public health and preventive medicine department

21. Course Information		
<ul style="list-style-type: none">• Academic Year/level: 2nd part	<ul style="list-style-type: none">• Course Title: Communication skills in relation to Family Medicine MSC degree	<ul style="list-style-type: none">• Code: FM200
<ul style="list-style-type: none">• Number of teaching hours: 1 credit hour		
22. Overall Aims of the course	<p><i>By the end of the course the student must be able to:</i></p> <p>11. Develop competent family physicians capable of providing high quality patient-centered comprehensive medical care, covering the biopsychosocial aspect of their patients based on the best available medical evidence.</p> <p>12. Work in teams both as members and as leaders.</p>	

	<p>13. Communication skills and human relations aims to introduce clinicians to theories and models of communication skills that enhance doctor-patient interaction.</p> <p>14. help clinicians monitor themselves during interactions in therapeutic relationships.</p> <p>15. This course also enhances clinicians' self-understanding, self-motivation, and self-awareness and develops creative abilities for goal setting, problem solving and critical thinking.</p> <p>16. Develop a postgraduate student who will be able to take leadership in the field of family medicine by applying the scientific knowledge and skills learned.</p> <p>17. Function as supervisor, and trainer in relation to colleagues, medical students and other health professions.</p>
<p>23. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
<p>A- knowledge and Understanding</p>	<p>A/1 - Identify the concept of Communication.</p> <p>A/2- Explain in the development and origin of Communication skills.</p> <p>A/3- summarize the most important features and methods of Communication.</p> <p>A/4- Identify the most important issues of doctor patient relationship.</p> <p>A/5. Utilize the principles of medical ethics that guide the doctor-patient and the doctor-doctor relationships at the different levels of health care services.</p> <p>A/6. Identify benefits of communication skills.</p> <p>A/7. Steps and contents of communication process.</p> <p>A/8. Ethics of communication</p>

<p>B- Intellectual Skills</p>	<p>B1. Determine the distribution of consultation times.</p> <p>B2. Determine the factors that determine their length, and their relationship with a more participative, patient-centred consulting style.</p> <p>B3. Manage time effectively.</p> <p>B4. Using different communication skills and methods for good communication with colleagues, patients and their relatives.</p> <p>B5. How to break bad news.</p> <p>B6. Recognize advantages of good communication.</p> <p>B7. Barriers of communication</p>
<p>C- Professional and Practical Skills</p>	<p>C1. Be a good communicator with others.</p> <p>C2. Can explain the plan of treatment for obtaining the maximum cure.</p> <p>C3. Obtain a proper and complete history, Perform and document a proper and complete clinical examination, Select the most appropriate and cost effective investigations and develop an appropriate patient-centered treatment plan for patients.</p> <p>C4. Use drugs in a cost effective manner.</p> <p>C5. Provide appropriate counseling in different situations including genetics; premarital, family planning, adolescents, nutrition and cancer</p> <p>C6. Demonstrate the ability to communicate in multiple</p>

	<p>modalities with patients, their families, other health care providers and administrators.</p> <p>C7. Discuss the different models for behavioral modification and change for life style modification.</p> <p>C8. How to over come different barriers of communication</p>
<p>D- eneral and transferable Skills</p>	<p>D.1. Teach effectively and act as a mentor to others.</p> <p>D.2. Manage time and resources and set priorities.</p> <p>D.3. Work effectively within a team.</p> <p>D.4. Mange team conflict appropriately</p> <p>D.5. Use computers/Internet efficiently.</p> <p>D.6. Present information clearly in written, electronic and oral forms</p> <p>D.7. Manage information effectively to improve quality of care.</p> <p>D.8. Communicate ideas and arguments effectively;</p> <p>D9. Change health behavior theories to different community health problems</p> <p>D10. Identify behavioral and social variables impacting health and disease</p> <p>D11. Use appropriate communication strategies for use with clients, the health care team, and the community</p> <p>D12. Use appropriate health education methods and materials</p> <p>D13. Teach effectively in the health care environment</p> <p>D14. Develop appropriately the health care setting</p> <p>D15. Modify the community toward improved health</p>
<p>24.</p>	<p>Course Contents</p>

Topic	
Introduction to Communication skills	
Definition & Principles of communication	
Elements of Communication	
Benefits of effective communication	
Models of communication	
Process of Communication	
Types of Communication	
Effective communication and its tools	
Types and forms of Communication	
Communication Rights and responsibilities	
Communication skills	
Communication Styles	
Organizational Communication	
Formal & Informal communications	
Telecommunication	
Leadership Communication Skills	
Barriers to communication	
Dealing with difficult Patients	
Skills of information giving	
Breaking Bad News	
25. teaching and Learning Methods	4.1- Lectures 4.2- Practical lessons 4.3- Assignment
26. teaching and Learning Methods for	1-Providing extra lectures and practical sessions. 2-Timing of lectures and practical sessions according to their schedule.

students with limited Capacity	3-Providing lectures and practical sessions in suitable places for them.
27. Student Assessment	
D. Student Assessment Methods	<p>5.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>5.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>5.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>5.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>5.5- Structured oral exams: to assess knowledge.</p>
E. Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>
F. Weighting of Each Method of Assessment	<p>Final Written Examination 40 %</p> <p>Oral Examination 60 %</p> <p>Other types of assessment 0%</p> <p>Total 100%</p>
28. List of References	
E. Course	Department notes, lectures and handouts, logbook

Notes/handouts	
F. Essential Books	1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.
G. Recommended Text Books	1- Dimensions of Community Health, Boston Burr Ridge Dubuque.10 2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc. 3- communication skills, 2 nd edition. Oxford.
H. Periodicals, websites	7. American Journal of Epidemiology 8. International Journal of Epidemiology 9. International Journal of Public Health 10. Egyptian Journal of Community Medicine 11. British Journal of Epidemiology and Community Health 12. WWW. CDC and WHO sites

○ **Course Coordinators:**

➤ **Coordinator:**

- 1) Professor Refaat Raouf
- 2) Assistant Professor/ Ebtessam Esmail

➤ **Assistant-coordinators:**

- 1) Ass. Lecturer/ Hager Adel Zaki

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 5/3/2017

Date of last update & approval by department council: 6 /3/ 2023

نموذج رقم (١١)

Principles of public health- Family Medicine degree	مسمى المقرر MSC
FM200	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب
قسم: الصحة العامة والطب الوقائي

C. Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
Introduction to Communication skills		A1, A2	B1	C1	D1
Definition & Principles of communication		A3	B1, B2	C6	D1 D3
Elements of Communication		A2, A3, A4	B3	C1	D1 D3 D7
Benefits of effective communication		A6	B6	C1	D1
Models of communication		A2, A3	B3	C2	D1
Process of Communication		A7	B3	C1	D9
Types of Communication		A3	B4	C3	D1
Effective communication and its tools		A3	B4	C3	D6, D8

Types and forms of Communication		A3	B4	C1	D5
Communication Rights and responsibilities		A5, A8	B3	C1	D4, D8
Communication skills		A3	B4	C3	D8, D9
Communication Styles		A3	B4	C3	D8, D9
Organizational Communication		A1 A3	B1	C6	D2 D3 D4
Formal & Informal communications		A3	B5	C1	D5 D6
Telecommunication		A1	B5	C1	D5 D6
Leadership Communication Skills		A10	B6	C1	D1 D2 D3 D4
Barriers to communication		A1 A2 A3	B7	C8	D1 D2
Dealing with difficult Patients		A2, A3	B2	C2	D8
Skills of information giving		A1	B1	C2	D3
Breaking Bad News		A1	B2	C5, C6, C7	D1

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1 A2 A3 A4 A5 A6 A7A8	B1, B2, B3, B4, B5, B6, B7		
Practical		B3, B4	C1, C3, C5, C6, C7, C8	D2, D3, D6, D7, D10, D11, D12
Assignment	A3, A6	B5, B6	C6, C7	D1, D2, D3, D4, D5, D6, D8 D15

B.

Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1 A2A3 A4 A5 A6 A7A8	B3 B4 B5, B6		
Practical exam			C1, C2, C3, C5, C6, C7, C8	D2, D3, D6, D7, D10, D11, D12
Oral Exam	A1	B1, B4, B5	C3, C5, C6, C8	D1, D2, D3, D4, D5, D6, D8, D11, D12, D15

Test blueprint for communication skills exam for master of family medicine examination

Topic	Hour	% of topic	Total No. of items	Written exam	Marks

				Knowledge	Intellectual	
Introduction to communication skills	1	5%	1	1	-	1
Definition & principles of communication	1	5%	1	1	-	1
Elements of communication	1	5%	1	-	1	1
Benefits of effective communication	1	5%	1	1	-	1
Models of communication	1	5%	1	1	-	1
Process of communication	1	5%	1	1	-	1
Types of communication	1	5%	1	1	-	1
Effective communication and its tools	1	5%	1	1	-	1
Types and forms of communication	1	5%	1	1	-	1
Communication rights and responsibilities	1	5%	1	-	1	1
Communication skills	1	5%	1	-	1	1
Communication styles	1	5%	1	-	1	1
Organizational Communication	1	5%	1	-	1	1
Formal & Informal communication	1	5%	1	1	-	1
Telecommunication	1	5%	1	1	-	1
Leadership communication skills	1	5%	1	1	-	1
Barriers to communication	1	5%	1	1	-	1
Dealing with difficult patients	1	5%	1	-	1	1
Skills of information giving	1	5%	1	-	1	1
Breaking bad news	1	5%	1	-	1	1
Total	20	100%				20

Course Specifications of Internal medicine in Master degree in Family Medicine

University: Minia

Faculty: Medicine

Department: Internal Medicine

Course Information		
Academic Year/level: 2 nd part MSc Family Medicine	Course Title: Course Specifications of Internal medicine in Master degree in Family Medicine	

Number of teaching hours:

Lectures: Total of 45 hours -

Practical/clinical: Total of 240 hours -

Overall Aims of the course .ۛ

To deliver an advanced knowledge of main topics of internal medicine and its subspecialties relevant to Family medicine; hence the candidate can recognize a wide range of medical problems; and establish an advanced skill to deal safely with the medical emergencies in Family Medicine specialty.

Intended learning outcomes of course (ILOs): .ۛ

Upon completion of the course, the student should be able to:

**Knowledge and -A
Understanding**

- A1. Recognize the basic pathology and clinical presentation of medical diseases.
- A2. Identify the etiologies and risk factors of medical diseases.
- A3. List the differential diagnosis of medical problems.
- A4. Enumerate the common diagnostic and laboratory techniques necessary to solve medical problems..
- A5. Describe the various therapeutic models/alternatives used for medical problems.
- A6. Describe the mechanism of action, side effects and complications of common therapeutic drugs.

Intellectual Skills -B

- B1. Interpret data acquired through history taking to reach a provisional diagnosis for medical diseases.
- Select different diagnostic alternatives that help reaching a diagnosis.
- B3. Make link between knowledge for professional problem solving.
- B4. Analyze reading of research and issues related to the

	internal medicine.
Professional and Practical -C Skills	<p>C1. Take a good medical history and conduct a proper general examination.</p> <p>C2. Identify normal and abnormal physical signs by proper regional examination of the body.</p> <p>C3. Write and evaluate medical reports.</p> <p>C4. Identify a clear priority plan in the patient's management.</p> <p>C5. Assess methods and tools in diagnosis and management in internal medicine disease.</p> <p>C6. Interpret adequately the results of common laboratory investigations.</p> <p>C7. Interpret adequately X-ray, CT and ultrasonic images of common medical problems.</p> <p>C8. Evaluate adequately the patient's acute morbidity score and need for urgent intervention.</p>
General and transferable -D Skills	<p>D1. Communicate effectively with patients and their families.</p> <p>D2. Assess himself and identify personal learning needs.</p> <p>D3. Develop personal skills in writing a case summary and a simple essay.</p> <p>D4. Prepare and present different topics using power point and data show.</p> <p>D5. Use different sources for information and knowledge continuously.</p> <p>D6. Use information technology to serve the development of professional practice</p>

D7. Work in teamwork.
 D8. Manage Scientific meetings according to the available time.
 D9. Present problematic internal medicine-cases in seminars.
 D10. Communicate effectively by all types of effective communication.

Course Contents . ξ

Topic	Lecture Hours 3hour/ w	Practical/Clinical hours/week 16/w	Total No. of hours/week 19/ hours
<u>Cardiovascular system:-</u> (\) Hypertension - Ischemic heart disease - Congestive heart failure - Dyslipidemia - Rheumatic fever - Infective endocarditis -	<u>9H</u> 2 2 2 1 1 1	48h(3ws)	57h (3ws)
<u>Respiratory system</u> (ʒ) Bronchial Asthma - Chronic obstructive airway disease - Lung Cancer - Occupational lung disease - Pneumonia - Tuberculosis -	<u>9H</u> 2 2 1 1 1 1/2 1 1/2	48h(3ws)	57h (3ws)
<u>Hematology:</u> (ʒ) Anemia - Bleeding Tendency - Leukemia -	<u>6h</u> 3 1 1 1	32h(2ws)	38h (2ws)

Lymphadenopathy and Lymphoma -			
Renal system: (ξ Urinary tract infections - Renal Failure -	3h 1 2	16h(w)	19h (w)
Endocrinology:- (ο Diabetes mellitus and its complications - (acute and chronic). Parathyroid gland & Calcium homeostasis - Thyroid diseases. - Pituitary disorders. - Adrenal disorders -	7H 3 1 1 1 1	37h(2½ws)	44h (2½ws)
Hepatology and Gastroenetrology (Γ Hepatitis - Liver cirrhosis and complication - Peptic ulcer ,GERD&dysphagia - Irritable bowel disease. - Biliary tract disease - Constipation, diarrhea, Dysentry -	8 2 2 1 1 1 1	43h(2½ws)	51h (2½ws)
Rhematology (V Osteoprosis,Gout,Osteoarthritis - Rheumatoid arthritis - Systemic lupus erytheromatous -	3h 1 1 1	16h(w)	19h (w)
Total	45h	240	285
Teaching and Learning Methods .ο	1-Talk and chalk method in classes. 2-Power point demonstration 3-Practical clinical examination in clinical wards. 4- Medical web sites in the Network. 5- Discussion of medical problems in clinical round. 6- online lectures		

Teaching and Learning Methods for students with limited Capacity	Special session for training and tutorials.
Student Assessment	
Student Assessment Methods	<p>1- Research assignment for the students to assess the general and transferable skills.</p> <p>2- Log book to assess clinical and transferable skills, attendance to medical conferences and oral discussions of thesis.</p> <p>3- Final written and commentary exam to assess Knowledge, understanding and intellectual skills.</p> <p>4- Final oral exam to assess knowledge and understanding.</p> <p>5- Final practical exam to assess practical skills.</p>
Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1 ... Assignment.... Week: 3,6,9,12,15</p> <p>Assessment 2.... Final written exam. At the end</p> <p>Assessment 3 ...Final practical exam At the end</p> <p>Assessment 5.....Final oral exam at the End</p>
Weighting of Each Method of Assessment	<p>Assignment and log book: 10 % including:</p> <p>Final-term Examination 40%</p> <p>Oral Examination. 20%</p> <p>Practical Examination 30 %</p>

	Total 100%
List of References: .A	
Course Notes/handouts .A	Lecture notes prepared by staff members in the department.
Essential Books .B	Davidson's text-book of medicine Hand- book of critical cases
Recommended Text Books .C	Hutchison for clinical examination methods Methods of Clinical examination (Salah Ibrahim) Davidsons for clinical examination
Periodicals, websites .D	Pubmed.com Biomed.net.com Free medical journal..com Annals of internal medicine.com
9- Facilities required for teaching and learning:	
	<ul style="list-style-type: none"> - Library in the hospital - NET data information - Clinical staff rounds and case presentations. - Lectures courts. - Outpatient and In patients clinical wards teaching (bed-side teaching) - Seminars. - Clinical rounds teaching in classrooms. - Thesis discussion attendance.

Course Coordinator/s:

Prof. Dr. Ragaa abdelshaheed Matta

Head of Department:

Prof. Dr. Youfouf Ismail Mousa

Date of last update & approval by department Council:

نموذج رقم (١١)

Internal Medicine	مسمى المقرر
FamC202	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب
قسم: Internal medicine

Matrix of Coverage of Course ILOs By Contents .A

Contents	Week	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills

(List of course topics)	0.	A	B	C	D
Congestive heart failure - Rheumatic fever -	1	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,3,5
Infective endocarditis - Hypertension -	2	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8	1,2,3
Ischemic heart disease - Dyslipidemia -	3	1,2,3,4,5,6	1,2,3,4	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7
Bronchial Asthma - Occupational lung disease -	4	1,2,3,4,5,6	1,3	1,2,3,4,5,6,7,8,9	1,3,7
Chronic obstructive airway disease - Lung Cancer -	5	1,2,3,4,5,6	1,2,4	1,2,3,4,5,6,7,8,9	1,3,7,8,9,10
Pneumonia - Tuberculosis -	6	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,2,5

Peptic ulcer ,GERD&dysphagia - Hepatitis -	7	1,2,3,4,5,6	1,2,4	1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9
Liver cirrhosis and complication - Biliary tract disease -	8	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,3
Irritable bowel disease. - Constipation, diarrhea, Dysentery - Pituitary disorders. -	9	1,2,3,4,5,6	1,2	3,4,5,6,	1,3,5
Diabetes mellitus and its complications (acute and chronic). -	10	1,2,4,5,6	1,2,3,4	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9
Parathyroid gland & Calcium homeostasis - Thyroid diseases. - Adrenal disorders -	11	1,2,3,4,5,6	1,2	1,2,3,4,5,6,7,8	1,3,4
Anemia -	12	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8	1,3,4,7
Bleeding Tendency - Leukemia - Lymphadenopathy and Lymphoma -	13	1,2,3,4,5,6	1,2,3,4	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9
Urinary tract infections - Renal Failure -	14	1,2,4,5,6	1,2	1,2,3,4,5,6,7,8,9	1,3,7
Osteoprosis,Gout,Osteoarthritis - Rheumatoid arthritis -	15	1,2,3,4,5,6	1,2	1,2,3,4,5,6,7,8,9	1,3,7

Systemic lupus erytheromatous -					
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.B

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning .C

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	1,2,3,4	1,2	1	1,3,5
Practical	2,3	2	2	2,4
Clinical (Including	3,4	2,3	1,2	3,4

grand rounds)				
Presentation/seminar	1,4	1,4	1,2	4,5
Journal club	2,4	1,2	1	1,2,5
Thesis discussion	4	4	1	1,3,5
Training courses & workshops	3,4	1,4	1,2	2,4
Other/s (Specify)	2,3	2,3	1	3,4

Matrix of Coverage of Course ILOs by Methods of Assessment .D

**Blue Print of Internal
Medicine for
candidates of master
degree in Family
Medicine (first part)
examination paper (24
marks)**

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	1,2,3,4,5,6	1,2	6,7	-
Clinical exam	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7	1,2,3
Oral Exam	1,2,3,4,5,6	1,2,3	6,7,8	-
Assignment	2,4	1,2,3,4	6	3,4,5,6,7,8,9,10
Other/s(Specify)	1,3	1,2		1,3,5

	Topic	Hours	Knowledge%	Intellectual%	% of topic	Knowledge mark	Intellectual Mark	Marks	Actual Mark
1	1) Nephrology	3	70	30	7	1.8	1.2	2.6	2.5

2	2) Hematology	6	75	25	15	3.9	1.3	5.2	5
3	3) Cardiovascular system	9	75	25	20	5.8	2	7.8	8
4	4) Endocrinology	7	75	25	15	4.8	1.4	6.2	6
	5) Respiratory	9	70	30	20	5.2	2.6	7.8	8
	6) Rheumatology	3	70	30	7	1.8	1.2	2.6	2.5
	7) Hepatology & GIT	8	75	25	18	5.3	1.8	7.1	7
	Total	45			100	28.6	11.5	40.5	40

رئيس قسم الباطنة العامة
 ا.د/ يوسف إسماعيل موسي

منسق البلوك
 ا.د/ رجاء عبد الشهيد
 د/ أحمد ماضي

Course Specifications of gynecology and Obstetrics in Master degree in Family Medicine

University: Minia

Faculty: Medicine

Department: Gynecology & Obstetrics

Course Information .\)	
Academic Year/level: 1 st part MSc • Family Medicine	Course Title: Course Specifications of • Gynecology & Obstetrics in Master degree in Family Medicine Code: FM200 •
Number of teaching hours: • Lectures: Total of 45 hours - Practical/clinical: Total of 240 hours -	
Overall Aims of the course .ʔ	To deliver an advanced knowledge of main topics of Gynecology & Obstetrics and its subspecialties relevant to Family medicine; hence the candidate can recognize a wide range of medical problems; and establish an advanced skill to deal safely with the medical emergencies in Family Medicine specialty.
Intended learning outcomes of course (ILOs): .ʔ	

Upon completion of the course, the student should be able to:

**Knowledge and -A
Understanding**

- a.1 Explain the normal physiology and functions of female genital tract.
- a.2 Recall the essential pathological changes of different genital diseases.
- a.3 Explain the physiological basics of different pregnancy.
- a.4 Illustrate main medical diseases in pregnancy, their etiologies, pathologies, diagnosis, and management.
- a.5 Illustrate the genital tumors.
- a.6 Illustrate the main nephrological, hematological, and endocrinal diseases with pregnancy.
- a.7 Recognize the main infectious diseases and basics of managing critically ill patients.
- a.8 Illustrate the main contraceptive methods.

Summarize scientific developments and recent guidelines in the field of Gynecology & Obstetrics.

Intellectual Skills -B

- B1. Interpret data acquired through history taking to reach a provisional diagnosis for medical diseases.
- B2. select different diagnostic alternatives that help reaching a final diagnosis.
- B3. Make link between knowledge for professional problem solving.

	<p>B4. Analyze reading of research and issues related to the field of Gynecology & Obstetrics</p>
<p>Professional and Practical -C Skills</p>	<p>C1. Take a good medical history and conduct a proper pelvic examination.</p> <p>C2. Identify normal and abnormal physical signs by proper regional examination of the genital system.</p> <p>C3. Write and evaluate medical reports.</p> <p>C4. Identify a clear priority plan in the patient's management.</p> <p>C5. Assess methods and tools in diagnosis and management in genital diseases & medical diseases with pregnancy.</p> <p>C6. Interpret adequately the results of common laboratory investigations.</p> <p>C7. Interpret adequately CT and ultrasonic images of common gynecological problems.</p> <p>C8. Evaluate adequately the patient's acute morbidity score and need for urgent intervention.</p>
<p>General and transferable -D Skills</p>	<p>D1. Communicate effectively with patients and their families.</p> <p>D2. Assess himself and identify personal learning needs.</p> <p>D3. Develop personal skills in writing a case summary</p>

and a simple essay.

D4. Prepare and present different topics using power point and data show.

D5. Use different sources for information and knowledge continuously.

D6. Use information technology to serve the development of professional practice

D7. Work in teamwork.

D8. Manage Scientific meetings according to the available time.

D9. Present problematic pregnant & gynecological cases in seminars.

D10. Communicate effectively by all types of effective communication.

Course Contents .ξ

Topic	Lecture Hours 3hour/ w	Practical/Clinical hours/week 16/w	Total No. of hours/ week 19/ hours
<u>Female genital system:</u> - (\)	<u>9H</u>	48h(3ws)	57h (3ws)
Anatomy -	2		
Physiology -	2		
Abnormalities -	2		
Fibroid -	1		
endometriosis -	1		
pelvic examination -	1		
<u>medical diseases with pregnancy</u> (γ)	<u>9H</u>	48h(3ws)	57h (3ws)
Hypertension -	2		
DM -	2		
Cardiac diseases -	1		
Renal diseases -	1		
Blood diseases -	1 ^{1/2}		

epilepsy -	1 1/2		
Infections:	6h	32h(2ws)	38h (2ws)
PID -	3		
STDs -	1		
Vaginal infections -	1		
Screening of infections -	1		
Bleeding in early pregnancy: (ϣ	3h	16h(w)	19h (w)
miscarriage -	1		
ectopic pregnancy -	2		
Oncology :- (ξ	7H	37h(2 1/3ws)	44h (2 1/3ws)
CIN & cervical cancer -	1		
Endometrial cancer -			
Ovarian cancer -	1		
Vulval & vaginal cancers -			
Screening of genital cancers -	3		
	1		
	1		
Fetal medicine (ο	8	43h(2 2/3ws)	51h (2 2/3ws)
Amniotic fluid abnormalities -	2		
PROM -	2		
IUGR -	1		
Fetal anomalies -	1		
Biophysical profile -	1		
Congenital infections -	1		
Hemorrhage (ϛ	3h	16h(w)	19h (w)
Antepartum hemorrhage -	1		
Placenta previa -	1		
Postpartum hemorrhage -	1		
Total	45h	240	285

Teaching and Learning Methods . ٥	1-Falk and chalk method in classes. 2-Power point demonstration 3-Practical clinical examination in clinical wards. 4- Medical web sites in the Network. 5- Discussion of medical problems in clinical round. 6- online lectures
Teaching and Learning Methods for students with limited Capacity . ٦	Special session for training and tutorials.
Student Assessment . ٧	
Student Assessment Methods .A	1- Research assignment for the students to assess the general and transferable skills. 2- Log book to assess clinical and transferable skills, attendance to medical conferences and oral discussions of thesis. 3- Final written and commentary exam to assess Knowledge, understanding and intellectual skills. 4- Final oral exam to assess knowledge and understanding. 5- Final practical exam to assess practical skills.
Assessment Schedule (Timing of Each Method of Assessment) .B	Assessment 1 ... Assignment.... Week: 3,6,9,12,15 Assessment 2.... Final written exam. At the end Assessment 3 ...Final practical exam At the end Assessment 5.....Final oral exam at the

	End
Weighting of Each Method of Assessment .C	Assignment and log book: 10 % including: Final-term Examination 40% Oral Examination. 20% Practical Examination 30 % <hr/> Total 100%
List of References: .A	
Course Notes/handouts .A	Lecture notes prepared by staff members in the department.
Essential Books .B	Williams's text-book of Gynecology & Obstetrics Hand- book of critical cases
Recommended Text Books .C	William's for clinical examination methods Methods of Clinical examination (Mohammed El Mandouh)
Periodicals, websites .D	Pubmed.com Biomed.net.com Up to date..com

9- Facilities required for teaching and learning:

- Library in the hospital
- NET data information
- Clinical staff rounds and case presentations.
- Lectures courts.
- Outpatient and In patients clinical wards teaching (bed-side teaching)
- Seminars.
- Clinical rounds teaching in classrooms.
- Thesis discussion attendance.

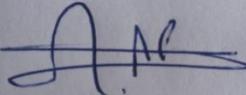
Course Coordinator/s:

Prof. Dr. Momen Mohammed Mohammed

Head of Department:

Prof. Dr. Abdelbaset Fakhry

Date of last update & approval by department Council: 3/2023



نموذج رقم (١١)

جامعة/أكاديمية : المنيا
كلية / معهد: الطب

قسم: **Gynecology & Obstetrics**

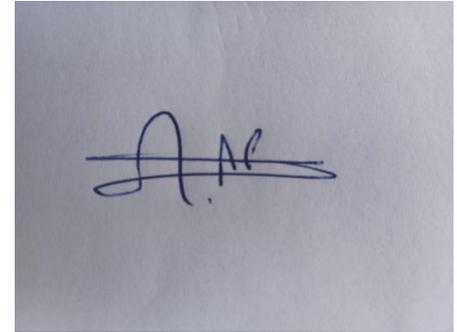
Gynecology & Obstetrics	مسمى المقرر
FamC202	كود المقرر

Matrix of Coverage of Course ILOs By Contents .A

Contents (List of course topics)	Week	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	D
FGT anatomy & physiology - FGT abnormalities -	1	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,3,5
Antepartum hemorrhage - Postpartum hemorrhage -	2	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8	
Fibroid - Endometriosis -	3	1,2,3,4,5,6	1,2,3,4	1,2,3,4,5,6,7,8	

Hypertension with pregnancy - DM with pregnancy -	4	1,2,3,4,5,6	1,3	1,2,3,4,5,6,7,8,9	1,3,7
Cancer cervix - Ovarian cancer -	5	1,2,3,4,5,6	1,2,4	1,2,3,4,5,6,7,8,9	1,3,7,8,9,10
STDs - PID -	6	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,2,5
IUGR - PROM -	7	1,2,3,4,5,6	1,2,4	1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9
Placenta previa & accreta - Anemia with pregnancy -	8	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7,8,9	1,3
Bleeding Tendency - Leukemia - Lymphadenopathy and - Lymphoma	9	1,2,3,4,5,6	1,2,3,4	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9
Urinary tract infections - Renal Failure -	10	1,2,4,5,6	1,2	1,2,3,4,5,6,7,8,9	1,3,7

Puberty -	15	1,2,3,4,5,6	1,2	1,2,3,4,5,6,7,8,9	1,3,7
Menopause -					

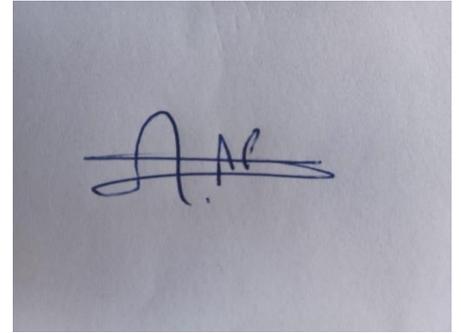


Matrix of Coverage of Course ILOs by Methods of Teaching & Learning .B

Methods of	Intended Learning Outcomes (ILOs)
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Teaching & Learning	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	1,2,3,4	1,2	1	1,3,5
Practical	2,3	2	2	2,4
Clinical (Including grand rounds)	3,4	2,3	1,2	3,4
Presentation/seminar	1,4	1,4	1,2	4,5
Journal club	2,4	1,2	1	1,2,5
Thesis discussion	4	4	1	1,3,5
Training courses & workshops	3,4	1,4	1,2	2,4
Other/s (Specify)	2,3	2,3	1	3,4

.c



Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	1,2,3,4,5,6	1,2	6,7	-
Clinical exam	1,2,3,4,5,6	1,2,3	1,2,3,4,5,6,7	1,2,3
Oral Exam	1,2,3,4,5,6	1,2,3	6,7,8	-
Assignment	2,4	1,2,3,4	6	3,4,5,6,7,8,9,10
Other/s(Specify)	1,3	1,2		1,3,5

**Blue Print of Gynecology & Obstetrics for candidates of master degree in Family Medicine (first part)
examination paper (40 marks)**

	Topic	Hours	Knowledge%	Intellectual%	% of topic	Knowledge mark	Intellectual Mark	Marks	Actual Mark
1	Female genital system	3	70	30	7	1.8	1.2	2.6	2.5
2	Medical diseases with pregnancy	6	75	25	13	3.9	1.3	5.2	5
3	Infections	9	75	25	20	5.8	2	7.8	8
4	Bleeding in early pregnancy	7	75	25	15	4.8	1.4	6.2	6
5	Oncology	9	70	30	20	5.2	2.6	7.8	8
6	Fetal medicine	3	70	30	7	1.8	1.2	2.6	2.5
7	Hemorrhage	8	75	25	18	5.3	1.8	7.1	7
	Total	45			100	28.6	11.5	40.5	40

Course Specification of General Surgery in Master degree in family medicine

University..... Minia

FacultyMedicine

1. Program on which the course is given: Master degree in family medicine
2. Major or minor element of program: Minor
3. Department offering the program: Community medicine.
4. Department offering the course: General Surgery departement
5. Academic year / Level: first part
6. Date of specification approval:

A- Basic Information

Title: Course Specification of General Surgery in Master degree in family medicine

Lecture	Tutorial:	practical	Total
35	25	25	85

FM200

Lecture.

Tutorial: - Practical: hrs. Total:

B- Professional Information

1. Overall Aims of Course

By the end of the course of General Surgery, the candidate should be able to:

- 1- Deal with common surgical conditions on the basis of adequate history taking, physical examination interpretation of relevant supportive investigations and management.
- 2- Deal with acute surgical emergencies safely and effectively.
- 3- Identify the indications and logistics of referring patients to higher levels of experience or specialization.
- 4- Perceive and integrate progress in surgical technology.

2. Intended Learning Outcomes of Course (ILOs)

a) Knowledge and Understanding:

By the end of the course, the student is expected to be able to:

- a.1-Understand the natural history of family medicine cases that are related to the General Surgery practice.
- a.2- Understand the various diagnostic and laboratory techniques necessary to establish diagnosis of various general surgical conditions related to family medicine.
- a.3- understand the atlas score in polytrauma patients
- a-4- understand the important emergent general surgery cases.
- a.5- understand the basics of blood transfusion
- a.6- understand brief surgical anatomy of the common surgical procedures

a.7- discuss the principles and practice of preoperative preparation and postoperative care.

b) Intellectual Skills:

By the end of the course, the student is expected to be able to:

b.1 Integrate data acquired through history taking to reach a provisional diagnosis for various problems in general surgery that are related to family medicine

b.2- Link between knowledge of General Surgery and family medicine for Professional problems' solving.

b-3- ability to manage polytrauma cases with ATLAS score

b-4 manage and communicate with different surgical problems related to family medicine.

b-5, electrolyte imbalance and shock management

b-6 manage primary health issues that are related to general surgery

c) Professional and Practical Skills:

By the end of the course, the student is expected to be able to:

C1. Assess surgical problems, different options to deal with & Apply the principles of diagnosis, treatment, control of surgical diseases in different specialties

C.2- Perform physical examination of patients for General Surgery diseases.

C.3 perform basic surgical skills.

c-4- deal with emergent cases in different surgical specialties

c-5 diagnose and time of referral for different common general surgery pathologies.

d) General and Transferable Skills

By the end of the course, the student is expected to be able to:

d.1- Use information technology of General Surgery to serve the development of professional practice

d2- conduct sincere and effective patient interviews, properly explain the condition and plan of management, obtain consent and convey bad news in a professional way.

d.3- communicate, consult and respect the role of other health care providers.

d.4- communicate with health authorities through different meetings and conferences national and international.

3. Contents:

Topic	No. of hours	lectures	Clinical Hrs
Thyroid	2	1	1
Neck swellings	2	1	2
Salivary glands	2	1	1
The jaw and mandibular joints	1	1	
Varicocele	1	1	1
Inguinoscrotal swellings	2	1	2
Generalized lymphadenopathy	2	1	1
Peripheral ischemia and gangrene	2	1	2
Varicose veins	1	1	1
Dysphagia	2	1	
Acute abdomen	2	1	1
Hematemesis and melena	2	1	
Gall bladder stones	2	1	1
Anal and rectal problems	2	1	1
Abdominal swellings	2	1	2
Breast	2	1	2
Axillary swellings	1	1	1
D.D of swelling	2	1	1
D.D of ulcers	2	1	1
D.D of sinuses and fistulas	2	1	
Abscess	2	1	1
Infection control for surgical procedures	1	1	2

Diabetic foot	2	1	1
Trauma(abdomen ,chest ,head)	2	1	
Cardiopulmonary resussitation	2	1	1
Metabolic emergencies (ketoacidosis, electrolyte imbalance)	1	1	
Total	46	26	26

1. CLINICAL (26 Hrs):

- History taking, conducting clinical examination, diagnosing & suggesting investigations in different surgical patients specially those with abdominal masses, ,

DVT discussing these cases with staff members in duty .

- Sharing in pre-operative preparation of surgical patients.
- sharing and perform basic surgical procedures.
- Observing post-operative patients in the department of surgery & sharing in their management.
- Studying surgical instruments, jars, suture materials & x-rays.

4- Teaching and Learning Methods:

- 4.1- Lectures with power point presentations and discussions.
- 4.2: Interactive bedside teaching with clinical case presentations of difficult and interesting cases and group discussions
- 4.3: Problem solving case scenarios (commentary) .
- 4.4: Seminars and presentation of an essay by the postgraduate students.
- 4.5. Workshops and training courses for procedural skills.
- 4.6. Attendance of activities in the department including thesis discussion, conferences , clinical rounds, outpatient clinics , procedures ...with both senior staff and junior staff.

5- Student Assessment Methods:

- 5.1- Research assignment: to assess general transferable skills, intellectual skills.
- 5.2- Written exams:
 - Short essay: to assess knowledge.
 - Problem solving: to assess general transferable skills, intellectual skills.
- 5.3- Clinical exams: to assess practical skills, intellectual skills.
- 5.4- OSCE: to assess practical skills, intellectual skills.
- 5.5- Oral Exams: to assess knowledge.
- 5.6- Structured oral exams: to assess knowledge.

6- Assessment Schedule:

- Assessment 1: Final written exam week: 24-28
- Assessment 2: Oral exam week: 24-28
- Assessment 3: Clinical exam week: 24-28

Weighting of Assessments:

- Written Examination 50 %
- Clinical Examination 30 %
- Oral Examination 20%
- Other types of assessment 0 %

Total 100%

Formative only assessment: simple research assignment, attendance and absenteeism

6- List of References:

6.1- Course Notes

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Principles of General Surgery

6.3- Recommended Books

Bailey & Love textbook of Surgery

6.4- Periodicals, Web Sites, ... etc

International Journal of General Surgery

American Journal of General Surgery

7- Facilities Required for Teaching and Learning

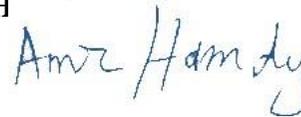
- Lecture rooms
- Round rooms
- Accessibility to hospital wards, clinics and emergency department
- Audio-visual teaching equipments (computers, data show projector, video, etc.)
- Models and mannequins
- Video tapes and scientific pictures archives.
- Library for the department.

Course Coordinator:

DR/ Yasser Ali

Head of Department:

Prof Dr / Amr H



Date:

Date of last update & approval by department Council:

5/3 / 2023

مسمى المقرر	جزء اول ملجستير طب الاسرة
كود المقرر	FAM 200

جامعة/أكاديمية : ..المنيا
كلية / معهدالطب
قسم : الجراحة

A. Matrix of Coverage of Course ILOs By Contents

Contents List of course) (topics	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectu al Skills	C. Profession al & Practical skills	D. General & Transfera ble Skills
	A	B	C	D
Thyroid	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Neck swellings	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Salivary glands	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
The jaw and mandibular joints	-a1-a2-a3--a5	-b1-b2-b4	-	-d1-d4
Varicocele	-a1-a2-a3-a6	-b1-b4	-c1-c4	-d1-d2-d4
Inguinoscrotal swellings	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Generalized lymphadenopathy	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Peripheral ischemia and gangrene	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Varicose veins	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Dysphagia	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Acute abdomen	-a1-a2-a3-a4-a5-a6-a7	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4

Hematemesis and melena	-a1-a2-a5-a6	-b1-b2-b3-b4		
Gall bladder stones	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Anal and rectal problems	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Abdominal swellings	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Breast	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Axillary swellings	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
D.D of swelling	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
D.D of ulcers	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
D.D of sinuses and fistulas	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Abscess	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-
Infection control for surgical procedures	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Diabetic foot	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c4	-d1-d4
Trauma(abdomen ,chest ,head)	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-cc4	-d1-d4
Cardiopulmonary resuscitation	-a1-a2-a3-a4-a5	-b1-b2-b3-b4	-c1-c2-c3-c4	-d1-d4
Metabolic emergencies (electrolyte imbalance)	-a1-a2-a3-a4-a5	-b1-b2-b3-b4		

**Matrix of Coverage of Course ILOs by Methods
of Teaching & Learning**

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	X	X		
Practical	X	X	X	X
Presentation/seminar	X	X	X	
Journal club	X	X		
Thesis discussion		X	X	X
Training courses & workshops		X	X	X
Other/s (Specify)				



Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	X	X	X	
Oral Exam	X	X		X
Assignment	X		X	X
Other/s(Specify)				

Test blueprint of general surgery for family medicine master degree

Topic	No. of lectures' contact hours	% of topic	Final exam Marks	Modified marks
1- Thyroid	2	4.34	1.3	1
2- Neck swellings	2	4.34	1.3	1.5
3- Salivary glands	2	4.34	0.6	0.5
4- The jaw and mandibular joints	1	2.17	0.6	0.5
5- Varicocele	1	2.17	1.3	1
6- Inguinoscrotal swellings	2	4.34	1.3	0.5
7- Generalized lymphadenopathy	2	4.34	1.3	1.5
8- Peripheral ischemia and gangrene	2	4.34	0.6	0.5
9- Varicose veins	1	2.17	0.6	1
10- Dysphagia	2	4.34	1.3	1.5
11- Acute abdomen	2	4.34	1.3	1
12- Hematemesis and melena	2	4.34	1.3	1.5
13- Gall bladder stones	2	4.34	0.6	0.5

14- Anal and rectal problems	2	4.34	0.6	0.5
15- Abdominal swellings	2	4.34	1.3	1
16- Breast	2	4.34	1.3	0.5
17- Axillary swellings	1	2.17	0.6	0.5
18- D.D of swelling	2	4.34	1.3	1
19- D.D of ulcers	2	4.34	1.3	1
20- D.D of sinuses and fistulas	2	4.34	1.3	1
21- Abscess	2	4.34	1.3	1
22- Infection control for surgical procedures	1	2.17	0.6	1

23- Diabetic foot	2	4.34	1.3	1
24- Trauma(abdomen ,chest ,head)	2	4.34	1.3	1
25- Cardiopulmonary resussitation	2	4.34	1.3	1
26- Metabolic emergencies (electrolyte imbalance)	1	2.17	0.6	1
Total	46	100%	20	20

نموذج رقم (١٦)
تقرير مقرر دراسي

Course report of MSc degree in family Medicine
2022

University: Minia

Faculty: Medicine

Department: Community Medicine

A-Basic Information

- 1- of family Medicine **Course Title and Code:** MSc Program
- 2- **2-Specialty :** family Medicine
- 3- 2022 **Level/year (1st or 2nd part):** 1st part may
- 4- **Number of courses:** 4 course
- 5- **Adopted system for selection & formation of examiners' committee:**
Available Not available
- 6- **System of external evaluation of the exam:**
Available Not available

B- Professional Information

- 1- **Statistical Information:**
- | | | | | | |
|--|-----|-----|---|---|-----|
| - of students attended/joined the course | No. | No. | 1 | % | 100 |
| - of students completed the course & attended the exam | No. | No. | 1 | % | 100 |
- Results:

Passed: No: % Failed: No: %

- Success percentages & distribution according to the grades of passed students:

- Success percentages : 100%
 - Distribution :
 Excellent No: % Very good: No: %
 Good No: % Pass: No: %

2- Course Teaching:

- **Course topics taught**

Course Title	Total No. of hours	No. of hours /week		
		Lect.	Practical	tutorial
FIRST PART (Level of course):				
1. Principles of public health	FmC101	2		
2. Concept and strategies of EBM	FmC102	2		
3. Medical statistics & Research	FmC103	2		
4. Scientific writing	FmE104	1		
5. Evidence based medicine	FmE105	1		
6. Critical reading	FmE106	1		
Logbook		2		

- Total percentage of the essential course topics that actually covered: 100 %

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

Lectures	<input checked="" type="checkbox"/>
Practical/laboratory training	<input checked="" type="checkbox"/>
Case presentation & case study	<input type="checkbox"/>
Semester work/class activities	<input checked="" type="checkbox"/>
Training courses and workshops	<input checked="" type="checkbox"/>
Seminars	<input checked="" type="checkbox"/>
Self-learning	<input checked="" type="checkbox"/>

3- Student Assessment:

Method of Assessment	Marks	%
Written examination		40
Oral examination		30
Practical/ Laboratory examination		30
Total		100

4- Facilities available for Teaching:

-

Scientific references:

Available Available to some extent Unavailable

- **Assistant aids/tools:**

Available Available to some extent Unavailable

- **Other materials, supplies and requirements:**

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

7- External evaluator/s comments:

8- Completed actions related to course development in the last year:

9- Non-completed actions related to course development in the last year:

10- Action plan for the next academic year:

- **Fields/areas of course development**

Actions Required	Completion Date	Responsible Person
Participation in their curriculum	By the end of 2022	Department Staff member
Highlight the importance of the practical work		
Modification of handout		Department Staff member

Coordinators:

Dr Shimaah Mahmoud
Dr Chrestina Mounir

Head of Department: Prof Dr Nashwa Nabil

Date of last update & approval by department council: 6 /3 /2023

نموزج رقم (١٦)
تقرير مقرر دراسي

Course report of MSc degree in family Medicine

2022

University: Minia

Faculty: Medicine

Department: Community Medicine

A-Basic Information

- 7- **Course Title and Code:** MSc Program of family Medicine
- 8- **2-Specialty :** family Medicine
- 9- **Level/year (1st or 2nd part):** 2nd part may 2022
- 10- **Number of courses:** 6 obligatory, 3 elective
- 11- **Adopted system for selection & formation of examiners' committee:**
Available Not available
- 12- **System of external evaluation of the exam:**
Available Not available

B- Professional Information

2- **Statistical Information:**

- students attended/joined the course	No. of	No.	1	%	100
- students completed the course & attended the exam	No. of	No.	1	%	100

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- Results:

Passed: No: % Failed: No: %

- Success percentages & distribution according to the grades of passed students:

Success percentages : 100%

Distribution :

Excellent	No:	<input type="text"/>	%	<input type="text"/>	Very good:	No:	<input type="text"/>	%	<input type="text"/>
Good	No:	<input type="text" value="1"/>	%	<input type="text" value="100"/>	Pass:	No:	<input type="text"/>	%	<input type="text"/>

2- Course Teaching:

Course topics taught

	Code	Courses	Credit hours	
			Theoretical	clinical
Obligatory courses	<u>FmC201</u>	General& clinical Epidemiology	2	-
	<u>FmC202</u>	Medicine& its branches in relation to Family medicine	3	8
	<u>FmC203</u>	Surgery& its branches in relation to Family medicine	3	8
	<u>FmC204</u>	Pediatrics in relation to Family medicine	2	4
	<u>FmC204</u>	Gynecology &obstetrics in relation to	2	4

		Family medicine		
	FmC205	Neurology& Psychiatry in relation to Family medicine	2	4
		Clinical training	28	
Elective courses (select two only)	FmE206	Communication skills in relation to Family medicine	1	
	FmE207	Nutrition in health & disease	1	
	FmE208	Maternal, child and geriatric health care	1	
		Logbook	2	

- Total percentage of the essential course topics that actually covered: **100 %**

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

Lectures	<input checked="" type="checkbox"/>
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Practical/laboratory training	√
Case presentation & case study	
Semester work/class activities	√
Training courses and workshops	√
Seminars	√
Self-learning	√

3- Student Assessment:

Method of Assessment	Marks	%
Written examination		40
Oral examination		60
Practical/ Laboratory examination		-
Total		100

4- Facilities available for Teaching:

-

Available Available to some extent Unavailable

Scientific references:

-

Assistant aids/tools:

Available Available to some extent Unavailable

- Other materials, supplies and requirements:
 Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

7- External evaluator/s comments:

8- Completed actions related to course development in the last year:

9- Non-completed actions related to course development in the last year:

10- Action plan for the next academic year:

-

Fields/areas of course development

Actions Required	Completion Date	Responsible Person
Participation in their curriculum Highlight the importance of the practical work	By the end of 2022	Department Staff member

Modification of handout		Department Staff member
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Coordinators:

Dr Shimaa Mahmoud

Dr Chrestina Mounir

Head of Department: Prof Dr Nashwa Nabil

Date of last update & approval by department council: 6 /3 /2023

