



Public health and Preventive medicine department

Contents
1-Program specification
2-Matrices of program specifications
3-Course specification for public health and its matrices
4-Course specification for Parasitology and its matrices
5-Course specification for Microbiology, its matrices
6-Course specification for Sociology, its matrices
7-Course specification for medical ethics, Matrices
Reports



كلية الطب
Faculty of Medicine



Master (MSc) Program & Courses'
Specifications of Public health and
Preventive Medicine

Program Specifications for MSc of Public health and Preventive Medicine (2023)

University: MINIA

Faculty(s): MEDICINE

Department: Public health and preventive Medicine

A- Basic Information:

1- Program title: Master Degree in Public health and preventive medicine
Code: CM 200

2- Final award: Master in public health and preventive medicine

3- Program type: Single ☒ Double ☐ Multiple ☐

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

5-Departments involved in the program: Public health and preventive medicine department & Microbiology department & Parasitology department & Neuropsychiatric department and Forensic medicine department

6-Program duration: 2 years

7-Number of program courses: Six

8-Coordiators: 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 Public health and preventive medicine, the candidate should be able to:

- 1.1. Prepare a community-oriented physician capable of anticipating and responding to community health needs according to the policies, regulations, and guidelines of the

MOHP.

- 2.1 Develop a postgraduate student who will be able to take leadership in the field of public health by applying the scientific knowledge and skills learned.
- 3.1. Generate a new mind which knowing the importance of preventing diseases and injuries, promotion of well-being and maintaining good physical and mental health.
- 4.1. Create an environment suitable to interdisciplinary public health initiatives, with focusing on vulnerable groups who suffer disproportionately from illness and disability.
- 5.1. Participation with different sectors of the community in combating the health challenges in our community.
- 6.1. Applying ethical principles of scientific research with good awareness about patient's rights.

2- Intended learning outcomes (ILOs)

2.1. (a) Knowledge and understanding:

By the end of the study of master program in Public health the candidate should be able to:

- a1. Illustrate a knowledge base in the disciplines of biostatistics, 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
- a2. Identify the recent methods in data collection and analysis.
- a3. Describe the basics of infection control measures, and their role in disease prevention
- a4. Identifying health problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs
- a5. List nutritional needs to all age groups e.g. Children, pregnant and lactating mothers and old age group.
- a6. Identify prevention and control of malnutrition.
- a7. Explain the nutritional requirement for prevention and treatment of disease.
- a8. Identify epidemiology of COVID-19 virus and identify Strategies to Reduce Spread of Covid-19
- a9. Describe basic steps of COVID-19 case investigation

2.2. (b) Intellectual skills

By the end of master program in Public health the candidate should be able to:

- b1. Design 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.
- b2. Criticize prevention and control programs of diseases and to determine whether the operations of a specific program or activity meet the stated objectives

- b3. Design a balanced diet according to the required calories of different individuals and diet prescription in different diseases.
- b.4- Reframe the community toward evidence based medicine
- b.5. write the symptoms due to lack of food elements and how to manage them.
- b.6. Able to provide nutritional advise and protocol for patients infected with COVID-19

2.3. Skills:

2.3.1. (c)Professional and practical skills

By the end of the study of master program in Public health the candidate should be able to:

- c.1. Prepare disease surveillance
- c2. Conduct early detection and early warning of communicable and non-communicable diseases (according to protocol)
- c3. Apply control measures (according to protocol)
- c4. Collaborate in campaigns and control activities/mass treatments as required
- c5. Conduct an epidemiological study for an investigation of an epidemic/outbreak
- c6. Assess public health services
- c7. Connect effectively with clients, colleagues from other specialties
- c8. Articulate in health promotion
- c9. Modify the normal diet into therapeutic diet therapy.
- c.10. Plan the dietary management for patients with different health conditions.
- c.11. Draw chart describing the for surveillance procedure of COVID-19 virus infection

2.3.2. (d)General and transferable skills

By the end of the study of master program in Public health the candidate should be able to:

- d1. Criticize indicators of health and disease
- d2. Identify prevalent health problems in a community, using various epidemiological strategies
- d3. Categorize data of different sources
- d4. Connect and manage data, including graphic and tabular presentations
- d5. Illustrate and interpret data
- d6. Articulate and participate in investigation of an epidemic/outbreak as part of a health team
- d7. Identify trends in health and disease
- d8. Use appropriate health promotion, disease prevention, and control measures
- d9. Use disease prevention and control measures to identified priority communicable and non-communicable diseases
- d10. Take part in conducting public health surveillance.
- d11. Change health behavior theories to different community health problems
- d12. Identify behavioral and social variables impacting health and disease
- d13. Use appropriate communication strategies for use with clients, the health care team, and the community
- d14. Use appropriate health education methods and materials
- d15. Teach effectively in the health care environment
- d16. Develop appropriately in the health care setting
- d17. Modify the community toward improved health

- d18. Use MOHP policies and approved standards
- d19. Write administrative and service responsibilities
- d20. Collaborate as a member/leader of a team (staff management)
- d21. Collaborate effectively in the existing system, including referral
- d22. Use and maintain records
- d23. Prioritize resources, including application of basic principles of health economics
- d24. Use exclusively the national essential drug list
- d25. Develop accurate recording and certification (e.g., birth, death, international classification of diseases [ICD])
- d26. Define and use data for planning, implementing, and evaluating activities
- d27. Develop quality assessment and performance improvement
- d28. Develop self-assessment and assessment of peers
- d29. Collaborate effectively with other sectors (social, agricultural, education) to promote the health of the community
- d30. Appraise and advise on management of occupational and environmental health hazards in various settings
- d31. Connect with relevant authorities for environmental control (water, waste management, food safety, vector control)
- d32. Value on waste management in the facility
- d33. Develop recommend and safety of injury prevention measures

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: 13-5-2013, 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>). (Date and NO. of faculty council approval).
- Comparison between ARS of Master program in public health & External benchmarks. {Annex 3}.

5. Program Structure and Contents:

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

5. B. Program structure:

- ☐ No of hours/week: total weeks 192 weeks
 - Lecture: 8 hrs/w
 - Practical: 6 hrs /w
 - Total hours/week: 14 hrs/w
 - Total program hours : 2688 hrs
- ☐ Basic sciences (compulsory) courses: No : 4 Percentage %:80
- ☐ Specific courses related to the specialty: No:2 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: Not applicable

5. D. Program courses:

Number of courses: 5: including

1. Public health
2. Parasitology
3. Microbiology
4. Sociology
- 5-Medical ethics

Course Title	Total No. of Hours	No. of hours /week			Program ILOs Covered
		Lect.	Practical	tutorial	
FIRST PART (Level of course)					

Public health and its branches	7	3	2	2	A1 A2 B2 C1:C9
Parasitology	3	1	1	1	C11 B2 B3 D 5:D11
Microbiology	3	1	1	1	A1:A3 B2 C 2:C8 D6 :D15
Sociology	1	1			D11,D16,D17
Medical ethics	2	2			D28 ,C7
Training programs and workshops, field visits, seminars& other scientific activities	Continuous				
SECOND PART (Level of course):					
Public health and preventive medicine & its branches	16	8	4	4	A1 A2 B2 C1:C9 D 4 D5
Training programs and workshops, field visits, seminars& other scientific activities	Continuous				D15, D17, D10, D29, D8, C8, B4,

6- Program admission requirements:

1. General requirements:

A. Candidates should have either:

1. MBBCH 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:

Duration of program is (2years), 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.

Thesis/essay:

- Start from 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 2nd part.
- 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).
- 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 along the duration of the program
 - b. Seminars
 - c. Thesis discussion
 - d. Workshops
 - e. Conference attendance
 - f. Journal club
 - g. Other scientific activities requested by the department

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
• Lectures	A1,A2, A3,A4,A5,A6, A7,A8,A9 B1,B2,B3,B4,B5,B6
• Practical sessions	

	C1,C2,C3,C4,C5,C7,C9,C10,C11
<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,B6 C6, C7,C8 D1,D2,D3,D4,D7,D11,D15,D26,D27,D28

9-Methods of student assessment:

Method of assessment	The assessed ILOs
1. Research (Thesis)	A1,A2,A3,A4,A5,A6 B1, B C6, C7 D2, D3, D4, D5, D11,D17,D19,D29,D30,D31
2. Written Exams: <ul style="list-style-type: none"> • Short essay • MCQs • Complete • True or false and correct the wrong • Commentary • Problem solving 	A1,A2,A3,A4,A5,A6,A7,A8,A9 B1,B2,B3,B4,B5,B6
3. Practical/Clinical Exams	C6, C9 ,C10 D2,D3,D4,D5,D19,D26,D27
4. Seminars, presentations, assignments ,log book assessment	A1,A2,A3,A4,A5,A6,A7,A8,A9 B1,b2 C1,C2,C3,C4,C5,C6 D20, D22,D23,D28

5. Oral Exams	A1,A2,A3,A4,A5,A6,A7 B1,B2,B3,B4,B5,B6 D1,D2,D7,
----------------------	--

Weighting of assessment:

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

Course	written	Oral	Practical	Total
Parasitology	15.5	12	10	37.5
Microbiology	15.5	12	10	37.5
Psychology	30	45	-	75
Medical ethics	100	25	-	125
Public health	1 st part 150 2 nd part 280	420		

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/1FAIpQLSdBv464Iegx0eS0UqiRxrOkj8-5QEatKuXVSQh4bRPrzx4nA/viewform?usp=sf_link https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-oIhQIsBvrklEw7ug4gI0r04TFAjlx3icAqHEhg/viewform?usp=sf_link
2. Graduates (Alumni)	Questionnaires	https://docs.google.com/forms/d/e/1FAIpQLSdBv464Iegx0eS0UqiRxrOkj8-5QEatKuXVSQh4bRPrzx4nA/viewform?usp=sf_link
3. Stakeholders	Meeting	https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-oIhQIsBvrklEw7ug4gI0r04TFAjlx3icAqHEhg/viewform?usp=sf_link

	Questionnaires	wform?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

Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer / Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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



Annex 5

نموذج رقم (١١ ب)

MSc of Public health and Preventive Medicine	مسمى البرنامج
CM 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 Courses

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
1.Public health	A1,A2	B2 B3 B6	From C1 to C10	D3:D9
2.Parasitology	A3 A4 A6 A7	B2 B3 B4	C1 : C8	D4 D5 D6 D7 D8 D9 D10 D11
४.Microbiology	A1 A2 A3 A5 A8	B3 B5	C2 C3 C7 C8 C9 C10	D3 D4 D5
५.Sociology			C1 C2 C4 C6	D1 D2 D11 D16 D17
६.Medical ethics			C7	D28
6-Thesis	A2,A3,A4	B1,B2,B4	C2,C3,C6,	D1,D2,D3,D4,D5,d7 ,D8,D9,D11,D12, D14,D17,D19,D22,

				D27, D33
--	--	--	--	-----------------

Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer / Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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



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 واستخدام أدواته المختلفة.	1.1. understanding and applying of basics of research method and research tools
2.1. تطبيق المنهج التحليلي واستخدامه في مجال التخصص	2.1. Critically analyze, evaluate, and effectively communicate findings, theories, and methods
3.1. تطبيق المعارف المتخصصة و دمجها 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	7.1. Gain leadership skills and be able to communicate efficiently with colleagues and

العمل.	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 و الحفاظ 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.
<p>٢. المعايير القياسية العامة:</p> <p>NAQAAE General Academic Reference Standards "GARS" for Master Programs</p>	<p>2. Faculty Academic Reference Standards (ARS) for Master Program</p>
<p>٢,١. المعرفة والفهم:</p> <p>بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي الفهم والدراسة بكل من:</p>	<p>2.1. Knowledge & Understanding:</p> <p>Upon completion of the Master Program the graduate should have sufficient knowledge and understanding of:</p>
٢,١,١. 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
٢,١,٢. 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.
٢,١,٣. 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 في مجال التخصص	3.2.1. Master the basic and some advanced professional skills in his scholarly field.
٣,٢,٢ كتابة و تقييم التقارير المهني.	3.2.2. Write and evaluate medical or scientific reports

٣,٣,٢ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research
4.2. المهارات العامة والمنتقلة : بانتهاء 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:
١,٢,٤. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.
٢,٢,٤. 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).
5.4.3. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others
6.4.2. 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
7.4.2. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently
٨,٢,٤. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.

Program Coordinators:

Lecturer / Shimaah Mahmoud Ahmed, Lecturer / Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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



MATRIX II: NAQAAE Vs. ARS VS. MSc PROGRAM ILOS of Public health and preventive medicine

NAQAAE برامج الماجستير	Faculty Master (MSC) Program	MSc Program of Public health & Preventive medicine
٢. المعايير القياسية العامة: NAQAAE General Academic Reference Standards “GARS” for Master Programs	2. Faculty Academic Reference Standards (ARS) for Master Program	ILOS of public health and preventive medicine
٢,١. المعرفة والفهم: بانتهاؤ 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. Knowledge & Understanding: Upon completion of the Master Program of public health and preventive medicine the graduate should be able to :
٢,١,١. 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	a1. Illustrate a knowledge base in the disciplines of biostatistics, 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
٢,١,٢. 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.	a4. Identifying health problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs
٢,١,٣. التطورات العلمية في مجال التخصص	2.1.3. Scientific developments in the field of specialization	a2. Identify the recent methods in data collection and analysis.
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	a2. Identify the recent methods in data collection and analysis.
٢,١,٥. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص	2.1.5. Quality principles in the scholarly field	a3. Describe the basics of infection control measures, and their role in disease prevention
٢,١,٦. أساسيات وأخلاقيات البحث العلمي	2.1.6. Basis of research methodology and medical ethics.	a4. Identifying health problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs
2.2. المهارات الذهنية: بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي:	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 public health and preventive 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. Design 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.
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. Criticize prevention and control programs of diseases and to determine whether the operations of a specific program or activity meet the stated objectives
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.	b3. Design a balanced diet according to the required calories of different individuals and diet prescription in different diseases.
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	b.4- Reframe the community toward evidence based medicine
2.2.5. تقييم المخاطر في الممارسات المهنية في مجال التخصص	2.2.5. Be aware of risk management principles, and patient safety.	b.5. write the symptoms due to lack of food elements and how to manage them.
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	b.4- Reframe the community toward evidence based medicine
2.2.7. اتخاذ القرارات المهنية في سياقات مهنية متنوعة	2.2.7. Take professional situational decisions and logically support them.	b.6. Able to provide nutritional advise and protocol for patients infected with COVID-19
3.2. المهارات المهنية: بانتهاء 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. Professional and practical skills: Upon completion of the Master Program of public health and preventive 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.	.C 1. Prepare disease surveillance c2. Conduct early detection and early warning of communicable and non-communicable diseases (according to protocol) c3. Apply control measures (according to protocol) c4. Collaborate in campaigns and control activities/mass treatments as required c6. Assess public health services

		c8. Articulate in health promotion
٣,٢,٢ كتابة و تقييم التقارير المهني.	3.2.2. Write and evaluate medical or scientific reports	c5. Conduct an epidemiological study for an investigation of an epidemic/outbreak
٣,٣,٣ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research	c7. Connect effectively with clients, colleagues from other specialties
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:	4.2 General and transferable skills: Upon completion of the Master Program of public health and preventive medicine the graduate should be able to :
١,٢,٤. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.	d8. Use appropriate health promotion, disease prevention, and control measures d9. Use disease prevention and control measures to identified priority communicable and non-communicable diseases d11. Change health behavior theories to different community health problems d13. Use appropriate communication strategies for use with clients, the health care team, and the community d14. Use appropriate health education methods and materials d17. Modify the community toward improved health d19. Write administrative and service responsibilities d31. Connect with relevant authorities for environmental control (water, waste management, food safety, vector control)
٢,٢,٤. 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.	d23. Prioritize resources, including application of basic principles of health economics d25. Develop accurate recording and certification (e.g., birth, death,

		international classification of diseases [ICD]) d22. Use and maintain records
4.2.3. لتقييم الذاتي وتحديد احتياجاته التعليمية الشخصية	4.2.3. Assess himself and identify personal learning needs	d28. Develop self-assessment and assessment of peers
4.2.4. استخدام المصادر المختلفة للحصول على المعلومات والمعارف	4.2.4. Use various sources for information (physical and digital sources).	d26. Define and use data for planning, implementing, and evaluating activities d29. Collaborate effectively with other sectors (social, agricultural, education) to promote the health of the community
4.3.5. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others	d27. Develop quality assessment and performance improvement d28. Develop self-assessment and assessment of peers
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	d6. Articulate and participate in investigation of an epidemic/outbreak as part of a health team d10. Take part in conducting public health surveillance.
4.2.7. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently	d21. Collaborate effectively in the existing system, including referral d15. Teach effectively in the health care environment
٨, ٢, ٤. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.	d7. Identify trends in health and disease

Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer /Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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

Nashwan N. K. M.

b. 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 ⁹	B1,B2,B3,B4,B5, B6		
Practical			C1,C2,C5,C6 ,C7,C8	D1,D2,D3,D4,D5,D6,D 7,D8
Presentation/seminar Journal club Thesis discussion Training courses &	A1,A2,A3,A4 ,A5,A6,A7,A 8 ⁹	B1,B2,B3,B4,B5, B6,	C1,C2,C3,C4,C5 ,C6, C7,C8	D1,D2,D3,D4,D5,D6,D 7,D8

workshops				
-----------	--	--	--	--

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,A6, A7,A8,A9	B1,B2,B3,B4,B5 ,B6,		
Practical exam			C1,C2,C5,C6 ,C7,C8	D1,D2,D3,D4,D5,D6,D 7,D8
Oral Exam	A1,A2, A3,A4,A6, A7,A8,A9	B1,B2,B3,B4,B5 ,B6,		D1,D2,D3,D4,D5,D6,D 7,D8

Seminars, presentations, Assignments, Logbook Assessment	A1,A2,A3,A4,A5, A6,A7,A8,A9	B1,B2,B3,B4,B5 ,B6,	C1,C2,C3,C4,C5, C6, C7,C8	D1,D2,D3,D4,D5,D6,D 7,D8
---	--------------------------------	------------------------	------------------------------	-----------------------------


Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer /Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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



Course Specifications of 1st part MSC degree in Public health and preventive Medicine “Public health branches 1st part”

2023

University: Minia

Faculty: Medicine

Department: Public health and preventive medicine department

1. Course Information		
Academic Year/level: first part	Course Title: Public Health and Community Medicine branches	Code: CM200
<ul style="list-style-type: none">• Number of teaching hours:<ul style="list-style-type: none">- Lectures: Total of 36 hours, 2 hours/week- Practical/clinical: Total of 6 hours, 1 hours/week		
Overall aim of the course	<i>By the end of the course the student must be able to:</i> <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>	

	<ol style="list-style-type: none"> 2. <i>Develop a postgraduate student who will be able to take leadership in the field of public health by applying the scientific knowledge and skills learned.</i> 3. <i>Generate a new mind which knowing the importance of preventing diseases and injuries, promotion of wellbeing and maintaining good physical and mental health.</i> 4. <i>Create an environment suitable to interdisciplinary public health initiatives, with focusing on vulnerable groups who suffer disproportionately from illness and disability.</i> 5. <i>Participate with different sectors of the community in combating the health challenges in our community.</i>
3.Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>	
A- Knowledge and Understanding	<p>A1. Illustrate a knowledge base in, communicable and non-communicable diseases epidemiology, and environmental health.</p> <p>A2. Recognize the basics of infection control measures, and their role in disease prevention</p> <p>A3. Describe the requirement for prevention and treatment of disease.</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>A.6 Describe methods of sampling strategies and sample size calculation</p> <p>A.7 Describe normal distribution curve, measures of central tendency and measures of dispersion.</p>
B- Intellectual Skills	<p>B1- Criticize prevention and control programs of diseases</p> <p>B2- Reframe the community toward evidence based medicine</p> <p>B.3. Able to provide nutritional advise and protocol for patients infected with COVID-19</p> <p>B4 .Describe and summarize data</p>

<p>C- Professional and Practical Skills</p>	<p>C1. Develop disease surveillance</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>C.10 Calculate measures of central tendency and measures of dispersion</p>
<p>D- General 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. Take part in conducting public health surveillance.</p> <p>D 7. Use appropriate health education methods and materials</p> <p>D 8. Teach effectively in the health care environment</p> <p>D 9. Develop appropriately the health care setting</p> <p>D 10. Modify the community toward improved health</p> <p>In Management and administration:</p> <p>D11. Develop accurate recording and certification (e.g.,</p>

	birth, death, international classification of diseases in community In Environmental and occupational health: D 12.Appraise and advise on management of occupational and environmental health hazards in various settings D 13. Connect with relevant authorities for environmental control (water, waste management, food safety, vector control) D 14 . Value on waste management in the facility D 15. Develop recommend and safety of injury prevention measures D 16 Organize and manage data, including graphic and tabular presentations		
4.Course Contents			
Topic	No. of hours / week	Lecture / week	Tutorial/Practical hr./ week
Epidemiology , demography and environmental			
General Epidemiology - Determinants of health and diseases - Prevention and control - Investigations of outbreak - Surveillance - Emerging diseases - Neglected tropical diseases	12 hours for lectures 1 hour for practical	2 hr. / week for all topics	1 hour once
Environmental health: -Environmental Health hazards. - Water and waste management - Food safety. - Physical hazards - Infection control measures	10 hours for lectures 1 hour for practical	2 hr. / week for all topics	1 hour once
Demography -Basics of demography and	4 hours for lectures	2 hr. / week for all topics	2 hours once

population pyramids -Population problem	2 hours for practical		
Medical Statistics			
-Sampling and normal distribution curves -Measures of central tendency and deviation -Data presentation and tests of significance -Introduction to research , research terminology -Study design , different types of study	10 hours lectures 2 hours practical	2 hours / week for all lectures	2 hours once
Total	42	36	6
5.Teaching and Learning Methods	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 Online learning materials are available at Minia University site 4.1- Lectures: Face to face lectures, Pre-recorded video lectures 4.2- Practical lessons 4.3- Assignment :Online quizzes		
6.Teaching and Learning Methods for students with limited Capacity	1-Providing extra lectures and practical sessions. 2-Timing of lectures and practical sessions according to their schedule. 3-Providing lectures and practical sessions in suitable places for them.		
7 Student Assessment			
A. Student Assessment Methods	5.1- Research assignment: to assess general transferable skills. intellectual skills.		

	5.2- Written exams: <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. 5.3- Practical Exams: to assess practical skills, intellectual skills. 5.4- Oral Exams: Oral exams to assess knowledge 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

Program Coordinators:

Dr Shimaa Mahmoud Dr Chrestina Monir

Head of Department: Prof Dr Nashwa Nabil

Date of program specifications 1st approval by department council:
13/5/2013.

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

Nashwa N. Kamal

Test blueprint for 1st part public health master examination

Topic	Hour	% of topic	Total No. of items	Written exam		Marks (Percentages)	Modified marks (Percentages)
				Knowledge	Intellectual		
General epidemiology	12	33.3%	10	7	3	48	50
Environmental health	10	27.8%	7	4	3	42	40
Demography	4	11.11%	2	2	-	18	20
Medical Statistics	10	27.8%	7	4	3	42	40
Total	36	100%	26	17	9	150	150

Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer / Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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

Nashwa N. Kand

نموذج رقم (١١ أ)

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

Post-Graduate Course Specifications of Community Medicine for 1 st part____MSC degree	مسمى المقرر
CM 200	كود المقرر

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
General Epidemiology - Determinants of health and diseases - Prevention and control - Investigations of outbreak - Surveillance - Emerging diseases -Neglected tropical diseases		A1, A2, A3,A4,A5	B1 , B2,B3	C1,C2,C3 ,C4,C5	D1,D2,D3,D4,D6
Environmental health: -Environmental Health hazards. - Water and waste management - Food safety.		A1,A4,5	B1,B3	C3,C4,C6,C7,C8, C9	D5,D7,D8,D9,D10, D12,D13,D14,D15

<ul style="list-style-type: none"> - Physical hazards - Infection control measures 					
Demography <ul style="list-style-type: none"> -Basics of demography and population pyramids -Population problem 				C8	D10,D11
Medical statistics <ul style="list-style-type: none"> -Sampling and normal distribution curves -Measures of central tendency and deviation -Data presentation and tests of significance -Introduction to research, research terminology -Study design , different types of study 		A6 ,A7	B4	C10	D16

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	B1,B2,B3,B4		
Practical			C1,C2,C3,C4,C5,C6,C7,C8,C9,C10	D16
Assignment				From D1 to D16

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	B1,B2,B3,B4		
Practical exam			C2, C9, C10	D16
Oral Exam	A1	B1, B4, B3	C3, C6, C7	D1,D2,D4

Course Specifications of Medical Parasitology for Master's degree in Public Health and Preventive Medicine (1st part)

University: Minia

Faculty: Medicine

Department offering the programme: Public Health and Preventive Medicine department

Department offering the course: Medical Parasitology department

Programme(s) on which the course is given: Master's degree in Public Health and Preventive Medicine (1st part)

1. Course Information		
Academic Year/level: Master's degree in Public Health and Preventive Medicine (I st part)	Course Title: Medical Parasitology	Code: CM200
● Number of teaching hours: - Lectures: 24 hours (one hour/week) - Practical/clinical: 24 hours (one hour/week). - Total: 48 hours		
2. Overall Aims of the course	By the end of the course the student must be able to: 1. State the basic knowledge related to the epidemiology, morbidity and mortality of the parasitic diseases and any other issues related to global burden of disease (GBD). 2. Define the risk factors for spreading of endemic parasitic diseases 3. Demonstrate the appropriate laboratory methods in diagnosis of parasitic diseases. 4. Demonstrate the basic strategy for prevention and control of parasitic diseases. 5. Identify the medical importance of common arthropods with special emphasis to their geographic distribution and bionomics.	
3. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>		
	A. 1. Identify and define common parasitological terms. A. 2. Classify parasites according to their general characters in each family. A. 3. State the geographic distribution of important parasitic	

A. Knowledge & understanding	infections. A. 4. Outline and discuss epidemiologic principles of parasitic disease A. 5. Enumerate and list sources of parasitic infections, mode of infection A. 6. Illustrate the life cycle of parasites. A. 7. Demonstrate different types of molluscacides. A. 8. Describe briefly the drugs used in treatment of parasites A. 9. Describe biology and Classify arthropods that are mechanical and biological vectors of important human pathogens. A10. Demonstrate transmission types of arthropods. A11. Detect the medical importance of common arthropods with their geographic distribution. A.12. Demonstrate the principles of parasitic survey A. 13. State and illustrate the basic principles of immunity and immunopathology in parasitic infection.
B. Intellectual Skills	B.1. Use problem solving skills to identify the problem, approaches and solving methods. B. 2. Apply self-learning skills in data collection and group discussion. B. 3. Plan simple prevention and control strategies for the most common parasites based on life cycle.
C. Professional and Practical Skills	C.1. Identify the infective and the diagnostic stages of the parasites. C. 2. Identify different stages of the parasites. C. 3. Identify some of the medically important intermediate host especially those present in Egypt. C.4. Identify some of the medically important snails especially those present in Egypt. C. 5. Identify some of the medically important arthropods
D. General and transferable Skills	D.1. Communicate with colleagues and patients regarding a case caused by a parasite D. 2. Work in/with different groups. D. 3. Use the advanced biomedical information to remain current with advances in knowledge and practice (self-learning). D. 4. Play role in the medical progress by having advanced medical information. D. 5. Be aware about the presentation skills through the attendance and participation in scientific activities. D. 6. Communicate ideas and argue effectively

4. Course Contents			
Topic	No. of hours	Lecture	Tutorial/ Practical
Introduction	1	1	-
Zoonotic diseases	8	4	4
Food-born parasitic diseases	12	4	8
Opportunistic parasitic diseases	8	4	4
Arthropods as biological vectors	10	6	4
Surveys	4	4	-
Immunity	1	1	-
Revision	4	-	4
Total	48	24	24
5. Teaching and Learning Methods	Since 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 Online learning materials are available at Minia University site <ul style="list-style-type: none">▪ Lectures: Face to face lectures, Pre-recorded video lectures▪ Practical lessons▪ Self- directed learning, attending and participating to scientific conferences, workshops and thesis discussion to acquire general and transferable skills needed		
6. Teaching and Learning Methods for students with limited Capacity			
7. Student Assessment			
A. Student Assessment Methods	7. 1. Paper-based exam: <ul style="list-style-type: none">• Short essay: to assess knowledge& understanding.• MCQ: to assess knowledge& understanding, intellectual skills. 7. 2. Practical exam: to assess practical skills, intellectual skills.7. 3. Oral exam: Oral exams to assess knowledge & understanding, intellectual skills and transferable Skills7.4. Log book		
B. Assessment Schedule (Timing of Each Method of Assessment)	▪ Assessment 1: Final paper-based exam by the end of the course.		

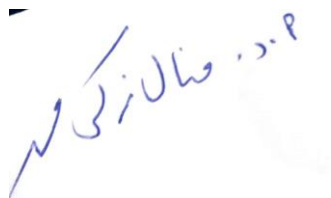
	<ul style="list-style-type: none"> ▪ Assessment 2: Practical exam after the paper-based exam ▪ Assessment 3: Oral exam after the based-paper exam
C. Weighting of Each Method of Assessment	<ul style="list-style-type: none"> ▪ Final Paper-based Examination: 41.33% (15.5 marks) ▪ Practical Examination: 26.67 % (10 marks) ▪ Oral Examination: 32% (12 marks) ▪ Total: 100 % (37.5 marks)
8. List of References	
A. Course Notes/handouts	Department notes, lectures and handouts
B. Essential Books	<ul style="list-style-type: none"> - Text book of Medical Parasitology 5th Edition - Text book of Human Parasitology (protozoology and Helminthology) 4th Edition - Atlas of Human Parasitology 4th Edition
C. Recommended Textbooks	Peters' Atlas of Tropical Medicine and Parasitology 7th Edition
D. Periodicals, websites	<ul style="list-style-type: none"> - Journal of Egyptian Society of Parasitology - Parasite Epidemiology and Control journal

○ **Course Coordinator**

Professor Dr. Amany Mohamed Kamal

○ **Head of Department:**

Professor Dr. Manal Zaki Mohamed



Date of program specifications 1st approval by department council: 13 /5/2013.

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

(11) نموذج رقم

أكاديمية: المنيا/جامعة

معهد: الطب / كلية

قسم: الطفيليات الطبية

Medical Parasitology	مسمى المقرر
CM200	كود المقرر

Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Introduction	A.1, A.2			
Zoonotic diseases	A.3, A.4, A.5, A.6, A.7, A.8	B.1, B.2, B.3	C.1, C.2, C.3, C.4	
Food-born parasitic diseases	A.3, A.4, A.5, A.6, A.7, A.8	B.1, B.2, B.3	C.1, C.2, C.3, C.4	
Opportunistic	A.3, A.4, A.5,	B.1, B.2, B.3	C.1, C.2, C.3, C.4	

parasitic diseases	A.6, A.7, A.8			
Arthropods as biological vectors	A.9, A.10, A.11	B.1, B.2, B.3	C.5	
Surveys	A.12	B.1, B.2		
Immunity	A.13			

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, A.2, A.3, A.4, A.5, A.6, A.7, A.8, A.9, A.10, A.11, A.12, A.13	B.1, B.2		
Practical			C.1, C.2, C.3, C.4, C.5	
Self-learning		B.1, B. 2, B.3		D.1, D.2,D.3, D.4, D.5, D.6

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
Paper- based exam	A.1, A.2, A.3, A.4, A.5, A.6, A.7, A.8, A.9, A.10, A.11, A.12, A.13	B.1, B.2		
Practical exam			C.1, C.2, C.3, C.4, C.5	
Oral Exam	A.1, A.2, A.3, A.4, A.5, A.6, A.7, A.8, A.9, A.10, A.11, A.12, A.13	B.1, B.2, B.3		D.1, D.2, D.3, D.4, D.5, D.6

Test blueprint for Medical Parasitology course Master's degree in Public Health and Preventive Medicine (Ist part)

Topic	Hour	% of topic	Written exam (15.5 marks)		Marks	Modified marks
			Knowledge	Intellectual		
Introduction	1	4.16%	2	-	0.6	1
Zoonotic diseases	4	16.66%	6	3	2.4	2.5
Food-born parasitic diseases	4	16.66%	6	3	2.4	2.5
Opportunistic parasitic diseases	4	16.66%	6	3	2.4	2.5
Arthropods as biological vectors	6	25%	3	3	3.6	3.5
Surveys	4	16.66%	1	2	2.4	2.5
Immunity	1	4.16%	1	-	0.6	1
Total	24	100%				15.5

- **Course Coordinator**

Professor Dr. Amany Mohamed Kamal

- **Head of Department:**

Professor Dr. Manal Zaki Mohamed

Date of program specifications 1st approval by department council: 13 /5/2013.

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

Course Specifications of Medical Microbiology and Immunology for public health master program (CM200)

University: Minia

Faculty: Medicine

Department: Medical Microbiology and Immunology

1. Course Information		
Academic Year/level: postgraduate students	Course Title: Medical Microbiology and Immunology for public health postgraduate students.	Code: CM200
<ul style="list-style-type: none">- Number of teaching hours:- Lectures: Total of 20 hours; 1 hours/week- Practical/clinical: Total of 5 hours		
1.Overall Aims of the course	By the end of the course the student must be able to: 1. Know the different types of pathogens, their structure and pathogenesis 1. Know the different methods for laboratory diagnosis and control of different infectious agents. 3. Know the different molecular microbiological techniques and their applications. 4. Know the basics of the host-parasite relationships and the role of the immune system in defending the body against different pathogens and its role in health and disease. 5. Know the principles of biosafety measures and aseptic precautions.	
3.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. Know microbial morphology, structure, metabolism and physiology of medically significant microorganisms</p> <p>A2. Understand the basis of microbial genetics and biotechnology techniques and their applications.</p> <p>A3. Recognize the taxonomy and classification of different microorganisms.</p> <p>A4. Identify the natural habitat, source of infection and mode of transmission of the different classes of pathogens.</p> <p>A5. Identify the different levels of host-parasite relationship and recognize the microbial virulence factors</p> <p>A6. Recognize the role of the immune system in the health and disease of the human being.</p> <p>A7. Know the causes, sources, mode of transmission and treatment of nosocomial infections and know the different methods for infection control.</p> <p>A8. List different vaccine technologies and their applications in the field of microbiology</p>
<p>B-Intellectual Skills</p>	<p>B1. analyze of different cases of infection to reach a final diagnosis and microbiological identification of the causative organism</p> <p>B1. Develop the ability to solve problems associated with different infections such as microbial resistance to antimicrobial agents, reach a final diagnosis of a certain pathological condition caused by an infectious organism.</p>
<p>C- Professional and Practical Skills</p>	<p>C1. Apply professional applications such as managing a microbiology laboratory.</p> <p>C2. Develop skills to perform microbial typing methods for epidemiology purposes</p> <p>C3. Identify different microbes at microbiology laboratory using basic techniques</p> <p>C4. Apply standards of infection control</p> <p>C5. Apply standard protocol in collection of pathological samples</p>

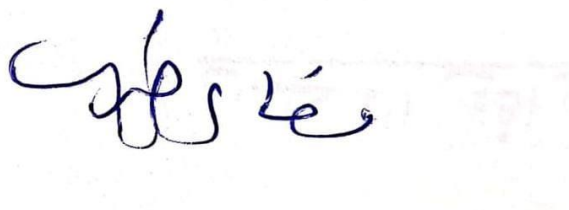
	C6. Select standard methods for handling of vaccines		
D-General and transferable Skills	D1. Manipulate microbiological samples and reach a microbiological diagnosis of an infection. D1. Write protocols for identification of a given microorganism. D3. Communicate with colleagues and patients regarding a case caused by a microorganism. D4. Work in/with different groups. D5. Manage a microbiological laboratory.		
4.Course Contents			
Topic	Lecture hours/week	Practical/Clinical hours/week	Total No. of hours hours/week
1. Introduction and collection of pathological samples		1	1
2. Cleaning, sterilization and disinfection		1	1
3. Antimicrobial chemotherapy	1		1
4. Staining and culture media		1	
5. Bacteremia, toxemia and toxic shock	1		1
6. Fever	1		1
7. Laboratory techniques used in epidemiology		1	1
8. Basic immunology 1	1		1
9. Basic immunology 2	1		1
10. Bacterial and viral vaccines	1		1
11. Mycobacterial infections	1		1
12. Rickettsial infections	1		1
13. General virology	1		1
14. Viral Hepatitis	1		1
15. Human immunodeficiency	1		1
16. Covid-19	1		
17. Bacterial, viral and fungal respiratory tract infections	1		1

18. Bacterial, viral and fungal GIT infections	1		1
19. Bacterial, viral and fungal CNS infections	1		1
20. Blood-transmitted diseases	1		1
21. Vector-transmitted diseases	1		1
22. Nosocomial infections	1		1
23. Occupational safety	1		1
24. Infection control measures in special units	1	1	2
Total	20	5	25
5.Teaching and Learning Methods	Lectures		
	Practical sessions		
	Seminars		
6.Teaching and Learning Methods for students with limited Capacity	Self-learning activities such as use of internet and multimedia.		
7.Student Assessment			
A.Student Assessment Methods	End of course written exam: A paper based exam to assess the student’s comprehension and understanding of the class work Oral exam: to assess student’s intellectual and communication abilities regarding basic knowledge and understanding of the course topics. Practical exam: objective structured practical examination to assess student professional and practical skills		
B.Assessment Schedule (Timing of Each Method of Assessment)	End of course exam (written, oral and practical exams) Week 23		
C.Weighting of Each Method of Assessment	Final written Examination: 15.5 marks Oral Examination: 12 marks Practical exam: 10 marks Total 37.5 marks		
8.List of References			
A. Course Notes/handouts	Department Books, and notes on Medical Microbiology and Immunology by microbiology		

	department, Faculty of medicine, Minia university
B. Essential Books	<p>Jawetz, Melnick and Adelberg's Medical Microbiology 17th edition by Riedel. S (2019); McGraw-Hill Education</p> <p>Review of Medical Microbiology and Immunology 17th edition by warren levinson (2022); McGraw-Hill Education</p>
C. Recommended Text Books	Janeway's Immunobiology 9 th edition by Kenneth Murphy and Casey Weaver, (2016); Garland Publishing Inc. NY, London.
D. Periodicals, websites	TBD and updated during the course work
<p>Course Coordinator: Dr. Dalia Nabil</p> <p>Head of Department : Prof. Dr. Wafaa Khairy</p> <p>Date of last update: 3/ 2023</p>	

[https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-](https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-o1hQIsBvrklEw7ug4gI0r04TFAjlx3icAqHEhjg/viewform?usp=sf_link)

[o1hQIsBvrklEw7ug4gI0r04TFAjlx3icAqHEhjg/viewform?usp=sf_link](https://docs.google.com/forms/d/e/1FAIpQLSfsT7ZEB5-o1hQIsBvrklEw7ug4gI0r04TFAjlx3icAqHEhjg/viewform?usp=sf_link)



A. Matrix between ILOs and course topics

Contents (List of course topics)	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
1. Introduction and collection of pathological samples	A3 A5 A7	B1	C1,C5	D4 D5
2. Cleaning, sterilization and disinfection	A3 A5 A6	B1	C1,C4	D1 D3
3. Antimicrobial chemotherapy	A1 A5 A6	B1	C1	D1 D3
4. Staining and culture media	A1A4 A8	B1	C2	D3 D4
5. Bacteremia, toxemia and toxic shock	A1 A5 A7	B1 B2	C1, C1	D1 D2 D3
6. Fever	A1	B1	C1	D1 D3 D5
7. Laboratory used in epidemiology	A1	B1	C1,C1	D1 D4
8. Basic immunology 1	A3 A7	B1	C1,C4,C6	D3
9. Basic immunology 1	A1 A2 A4	B1	C1,C4,C6	D1 D3 D4
10. Bacterial and viral vaccines	A1,A6, A8	B1	C4,C6	D1 D3 D4

11. Mycobacterial infections	A1 A5	B1 B2	C1, C5	D1 D3 D4
12. Rickettsial infections	A3 A4	B1	C1	D5
13. General virology	A3 A4	B1	C1,C5	D3
14. Viral Hepatitis	A1 A3	B1 B1	C1, C4	D1 D3
15. Human immunodeficiency	A5 A6	B1	C1, 5	D1 D3 D4
16. Covid-19	A1,A1,A3,A8	B1,B1	C1, C6,C5	D1,D1,D3
17. Bacterial, viral and fungal respiratory tract infections	A4 A5 A6	B1	C1	D3 D4
18. Bacterial, viral and fungal GIT infections	A3 A4	B1	C1,C5,C4	D3 D4
19. Bacterial, viral and fungal CNS infections	A1 A1 A3	B1	C1,C5,C4	D4 D5
20. Blood-transmitted diseases	A1 A1 A4 A6	B1	C1, C5,C4	D3 D5
21. Vector-transmitted diseases	A4 A5	B1	C1, C5,C4	D3
22. Nosocomial infections	A1	B1	C1,C1,C4	D4 D5
23. Occupational safety	A1 A1 A3 A8	B1	C1,C4,C6	D4
24. Infection control measures in special units	A1 A1 A3	B1	C1,C4	D3 D4

B.Matrix of Coverage of Course ILOs by Methods of Teaching				
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	B1		
Practical			C1 C2 C3 C4 C5 C6	D1 D2 D5
Presentation/seminar				D3 D4

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 A2 A3 A4 A5 A6 A7 A8	B1		
Practical exam			C1 C2 C3 C4 C5 C6	D3 D4
Oral Exam				D1 D2 D5

**Blueprint of Medical Microbiology and Immunology Exam paper for 1st part of Master of public health (CM200)
(15.5 marks)**

(List of course topics)	HOURS	Intended learning outcomes ILOS		N of item per topic	% of topic	Knowledge & Understanding		Intellectual Skills		Total mark	Actual mark
Contents		Knowledge & Understanding	Intellectual Skills			No of items	mark	No of items	mark		
25. General Microbiology	4	70%	30%	4	20	2	2.1	1	1	3.1	3
26. Immunology	3	70%	30%	3	15	2	1.5	1	0.8	2.3	2.5
27. Bacteriology	3	70%	30%	3	15	2	1.5	1	0.8	2.3	2.5
28. Virology	3	70%	30%	3	15	2	1.5	1	0.8	2.3	2
29. Applied Microbiology	5	70%	30%	5	25	4	2.6	2	1.3	3.9	4
30. Nosocomial Infection and Infection control	2	70%	30%	2	10	2	1.1	1	0.5	1.6	1.5
Total	20				100%					15.5	15.5

Course Coordinator: Dr. Dalia Nabil

Head of Department : Prof. Dr. Wafaa Khairy

Date of last update: 3/ 2023

A handwritten signature in blue ink, appearing to be 'Wafaa Khairy', is centered on the page. The signature is written in a cursive style with a large initial 'W'.

Course Specifications of **Psychology**
1st Part of MSc Program of Community
medicine
2022/2023

University: Minia

Faculty: Medicine

Department: Neurology and psychiatry

1. Course Information		
<ul style="list-style-type: none"> Academic Year/level: 1st part of MSc of Community medicine. 	<ul style="list-style-type: none"> Course Title: Psychology. 	<ul style="list-style-type: none"> Code:
<ul style="list-style-type: none"> Number of teaching hours: <ul style="list-style-type: none"> Lectures: Total of 48 hours; 2 hours/week Practical/clinical: Total of 28 hours; 2 hours/week 		

<p>2. Overall Aims of the course</p>	<p><i>By the end of the course the student must be able to:</i></p> <ol style="list-style-type: none"> 1. Demonstrate mastery of basics, methodology and tools of scientific research and medical audit in the field of psychology and psychopathology 2. Appraise and improve clinical practice in the field of psychology and psychopathology 3. Integrate the medical knowledge in the field of psychology and psychopathology with other relevant sciences and apply such knowledge during professional practice 4. Identify and create solutions for common health problems in the field of psychology and psychopathology 5. Demonstrate competency in a wide range of professional skills in common areas of specialty, from basic practice and related clinical care to evidence-based clinical application, and acquisition of skills to manage independently all problems in the field of psychology and psychopathology 6. Use efficiently recent technologies to improve the professional practice of psychology and psychopathology 7. Demonstrate comprehensive awareness of common public health problems and plan to improve & maintain health care on system-based approach 8. Show appropriate attitudes and professionalism that reflect obligation to credibility and principles of medical practice. 9. Demonstrate commitment for lifelong learning, self-development and continuous medical education in the field of psychology and psychopathology as well as educating others.
---	---

3. Intended learning outcomes of course (ILOs):

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

<p>A- Knowledge and Understanding</p>	<p>A1. Describe theories, basics and updated knowledge in the fields of psychology, perception, attention, memory, intelligence, thinking, developmental psychology, social psychology, personality, sleep, learning emotions and aggression.</p> <p>A2. Describe theoretical basis of contemporary schools (psychoanalysis, behaviorism, transactional psychology, gestalt psychology, existential psychology)</p> <p>A3. State recent advances in the fields of psychology and psychopathology</p> <p>A4. Outline basics, methodology, tools of psychometric assessment including assessment of intelligence, personality and organic brain disorders.</p> <p>A5. Identify the effect of professional practice issues on public health and health policies and methods of maintenance of public health and plan for system-based improvement</p>
<p>B- Intellectual Skills</p>	<p>B1. Appraise & interpret relevant basic information, pathological features, then correlate them with essential clinical data to produce a list of differential diagnosis.</p> <p>B2. Solve problems based on analysis of available data for common health problems by giving a list of differential diagnosis for further advanced investigations.</p> <p>B3. Conduct efficiently the proposed research thesis</p> <p>B4. Develop the basic skills of scientific writing of papers</p> <p>B5. Evaluate & manage efficiently potential risks that may arise during the professional practice in the field of psychology and psychopathology in various practical situations.</p> <p>B6. Plan for acquiring of necessary skills of basic and modern psychometric assessment techniques.</p> <p>B7. Develop the skills to manage evidence-based discussion during case-presentation</p>

<p>C- Professional and Practical Skills</p>	<p>C1. Take proper history in conditions related to psychology and psychopathology.</p> <p>C2. Order the appropriate psychometric tests related to psychiatric conditions.</p> <p>C3. Interpretation of the findings of psychometric tests.</p>
<p>D- General and transferable Skills</p>	<p>D1. Demonstrate effective communication skills in all its forms in various circumstances and contexts including students, colleagues, senior staff, technicians, patients and other health care workers</p> <p>D2. Use efficiently information technology (IT) including data entry & analysis</p> <p>D3. Demonstrate skills of teaching others and evaluating their performance.</p> <p>D4. Develop the skills of assessment of personal learning needs and planning for self-development and continuous medical education.</p> <p>D5. Use efficiently available information resources to get basic & recent knowledge.</p> <p>D6. Work efficiently as a team member as well as a team leader in various professional events & circumstances.</p> <p>D7. Demonstrate basic & essential competencies for management of scientific meetings and manage time efficiently.</p>

4. Course Contents			
Topic	Lecture hours/week	Practical/Clinical hours/week	Total No. of hours hours/week
GENERAL Psychology			
1. Fields of psychology	4	4	8
2. Perception	4	-	4
3. Attention	4	2	6
4. Thinking	3	3	6
5. Memory	4	-	4
6. Learning	3	3	6
7. Personality	4	-	4
8. Intelligence	2	-	2
9. Sleep and dreams	4	4	8
10. Emotions	4	-	4
11. Aggression	4	-	4
12. Social psychology	6	6	12
13. Developmental psychology	6	6	12
Total	48	28	76
5. Teaching and Learning Methods	5.1. Lectures. 5.2. Practical/ case study 5.3. Self-learning activities such as use of internet and multimedia 5.4. Tutorial & regular weekly seminars, case presentation, training courses & workshops		

6. Teaching and Learning Methods for students with limited Capacity	-
7. Student Assessment	

A. Student Assessment Methods	<p>1. Written exam to assess the capability of the candidate for assimilation and application of the knowledge included in the course.</p> <p>2. Oral exam to assess the student intellectual and communication abilities regarding basic knowledge and understanding of the course topics, and to help the teaching staff to evaluate the % of achievement of the intended learning outcome of the course.</p>
B. Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: Written exam at the end of course.</p> <p>Assessment 2: Oral exam.</p>
C. Weighting of Each Method of Assessment	<p>Type of Assessment %</p> <ul style="list-style-type: none"> • Written examination (60%) • Oral examination. (40%) <p>Total (100%)</p> <p>N.B.</p> <p>- <i>For each exam, $\geq 60\%$ is essential to pass.</i></p>
8. List of References	

A. Course Notes/handouts	1 –Psychology notes: prepared by staff members
B. Recommended Text Books	2- A textbook of human psychology
C. Periodicals, websites	<p>To be determined and update during the course work.</p> <p>1-American Journal of psychology</p> <p>2- www.pubmed.com</p>

Course specification of Psychology in MSc degree in Community medicine	مسمى المقرر
	كود المقرر

جامعة/ :...المنيا
كلية / :...الطب
قسم: الامراض العصبية
والنفسية.....

A. Matrix of Coverage of Course ILOs By Contents

Topic	Knowledge and understanding	Intellectual Skills	Professional and Practical Skills	General skills
Fields of psychology	A1-A5	B1-B8	C1-C18	D1,D2
Perception	A1-A5	B1-B8	C1-C18	D1,D2
Attention	A1-A5	B1-B8	C1-C18	D1,D2
Thinking	A1-A5	B1-B8	C1-C18	D1,D2
Memory	A1-A5	B1-B8	C1-C18	D1,D2
Learning	A1-A5	B1-B8	C1-C18	D1,D2
Personality	A1-A5	B1-B8	C1-C18	D1,D2
Intelligence	A1-A5	B1-B8	C1-C18	D1,D2
Sleep and dream	A1-A5	B1-B8	C1-C18	D1,D2
Emotions	A1-A5	B1-B8	C1-C18	D1,D2
Aggression	A1-A5	B1-B8	C1-C18	D1,D2
Social psychology	A1-A5	B1-B8	C1-C18	D1,D2
Developmental	A1-A5	B1-B8	C1-C18	D1,D2

psychology				
------------	--	--	--	--

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-A5			
Practical		B1-B8	C1-C18	
Clinical (Including grand rounds)		B1-B8	C1-C18	

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

Presentation/seminar				D1-D2
Journal club	A1-A5			D1-D2
Training courses & workshops	A1-A5		C1-C18	

Course Coordinator:

Dr. Mustafa Mahmoud Abdelnaem



Head of Department:

Prof. Dr. Nermin Aly Hamdy.

Date of last update & approval by department Council:

4 / 5 / 2022

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-A5			
Oral Exam		B1-B8	C1-C18	
Assignment				D1-D2

Course Coordinator:

Dr. Mustafa Mahmoud Abdelnaem



Head of Department:

Prof. Dr. Nermin Aly Hamdy.

Date of last update & approval by department Council:

4 / 5 / 2022

Blueprint of psychology course for master degree (1st part) Public health and Preventive medicine (30 marks)

No.	Topic	ILOs	Contact Hours	Weight %	Total marks
١	Fields of psychology	A1	4	8.3	3
٢	Perception	A2	4	8.3	2
٣	Attention	A3	4	8.3	2
٤	Thinking	A4	3	6.2	2
٥	Memory	A5	4	8.3	2
6	Learning	A6	3	6.2	2
7	Personality	A7	4	8.3	2
8	Intelligence	A4	2	4.1	2
9	Sleep and dream	A3	4	8.3	2
10	Emotions	A1	4	8.3	2
11	Aggression	A1	4	8.3	2
12	Social psychology	A1	6	12.5	3
13	Developmental psychology	A1	6	12.5	4
	Total		48	100%	30

Course Specification of Medical Ethics
Master degree of Public health and preventive medicine (2022-2023)

University: Minia

Faculty: Medicine

Program on which the course is given: Master degree of Public health and preventive 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/weekPractical: Total of 15 hours; 1 hour/week		
B- Professional Information		
1. Overall Aims of the course	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	
2. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>		
A- Knowledge and Understanding	A.1- Identify the basic concept of learning and practicing medicine from the religious and human point of view. A.2- Identify the very beneficial impressive history of	

	<p>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
--------------	--------------------------	----------------------------	------------------------

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.) ✓/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> <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



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 secrecy	A1,2,3	-	-	D4
Physician disciplinary proceeding	A2,4,5	B2	-	D1,2,3
Domestic Violence	A2,4,6	-	C2	-
Euthanasia	A1,3,4	B1	-	-

(Mercy death)				
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

Signature

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

Signature

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 public health and preventive 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	2	75	25	6.76	1	1	2.66	---	---	2.66	3

	physicians											
	Total	30			100%			40		40	40	40

Course Coordinator: Dr. Morid Malak Hanna

Head of Department:
Irene Atef Fawzy

Prof. Dr.

Signature

Course Specifications of 2nd part MSC degree in Public health and Community Medicine

“Public health branches 2nd part”

2022

University: Minia

Faculty: Medicine

Department: Community Medicine department

1.Course Information		
Academic Year/level: Second part	Course Title: Public Health and Community Medicine in MSC degree	Code: CM200
<ul style="list-style-type: none">Number of teaching hours:<ul style="list-style-type: none">Lectures: Total 180 hours, 2 hours / weekPractical/clinical: Total 90 hours , 1 hour / week		
2.Overall Aims of the course	<p><i>By the end of the course the student must be able to:</i></p> <ol style="list-style-type: none"><i>1.Prepare a community-oriented physician capable of anticipating and responding to</i><i>2. community health needs according to the policies, regulations, and guidelines of the MOHP.</i><i>3.Develop a postgraduate student who will be able to take leadership in the field of public health by applying the scientific knowledge and skills learned.</i><i>4.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>5.Create an environment suitable to interdisciplinary public health initiatives, with focusing on vulnerable groups who suffer disproportionately from illness and disability.</i><i>6.Participate with different sectors of the community</i>	

	<p><i>in combating the health</i></p> <p><i>7.challenges in our community.</i></p> <p><i>8.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. Assessing and providing proper nutritional needs of all individuals.</i></p>
3.Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i>	
A- Knowledge and Understanding	<ul style="list-style-type: none"> - 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. - A2. Recognize the basics of infection control measures, and their role in disease prevention - A3. Identify health problems in the community and comparing the existing and proposed problem-solving programs to satisfy community needs. - A4. Recognize the importance of food and nutrition. - A5. Describe nutritional needs to all age groups e.g. Children, pregnant and lactating mothers and old age group. - A6. Identify prevention and control of malnutrition. - A7. Describe the nutritional requirement for prevention and treatment of disease. - A.8. Describe epidemiology of COVID-19 virus and identify Strategies to Reduce Spread of Covid-19 - A.9. Describe basic steps of COVID-19 case investigation
B-Intellectual Skills	<ul style="list-style-type: none"> - 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. - B2- Criticize prevention and control programs of diseases - B3- Design a balanced diet according to the required calories of different individuals and diet prescription in different diseases - B4- Reframe the community toward evidence based medicine - B5. write the symptoms due to lack of food elements and how to manage them. - B.6. Able to provide nutritional advise and protocol for

	patients infected with COVID-19
C-Professional and Practical Skills	<ul style="list-style-type: none"> - C1. Develop disease surveillance - C2. Illustrate early detection and early warning of communicable and non-communicable diseases according to protocol) - C3. Develop control measures (according to protocol) - C4. Collaborate in campaigns and control activities/mass treatments as required - C5. Design an epidemiological study for an investigation of an epidemic/outbreak - C6. Evaluate of public health services - C7. Connect effectively with clients, colleagues from other specialties. - C8. Articulate in health promotion - C9. Modify the normal diet into therapeutic diet therapy. - C10. Plan the dietary management for patients with different health conditions. - C.13. Draw chart describing the for surveillance procedure of COVID-19 virus infection
D-General and transferable Skills	<ul style="list-style-type: none"> - In Epidemiological domain: - D1. Criticize indicators of health and disease - D2. Identify prevalent health problems in a community, using various epidemiological strategies - D3. Articulate in investigation of an epidemic/outbreak as part of a health team - D4. Identify trends in health and disease - D5. Use appropriate health promotion, disease prevention, and control measures - D6. Use disease prevention and control measures to identified priority communicable and non-communicable diseases - D7. Take part in conducting public health surveillance.. - In Communication and health behaviors: - D8. Change health behavior theories to different community health problems - D9. Identify behavioral and social variables impacting health and disease - D10. Use appropriate communication strategies for use with clients, the health care team, and the community - D12. Use appropriate health education methods and materials - D13. Teach effectively in the health care environment - D14. Develop appropriately the health care setting - D15. Modify the community toward improved health - In Management and administration:

	<ul style="list-style-type: none"> - D16. Use policies and approved standards - D17. Write administrative and service responsibilities - D18. Collaborate as a member/leader of a team (staff management) - D19. Collaborate effectively in the existing system, including referral - D20. Use and maintain records - D21. Prioritize resources, including application of basic principles of health Economics - D22. Use exclusively the national essential drug list - D23. Develop accurate recording and certification (e.g., birth, death, international classification of diseases [icd]) - D24. Define and use data for planning, implementing, and evaluating activities - D25. Develop quality assessment and performance improvement - D26. Develop self-assessment and assessment of peers - D27. Collaborate effectively with other sectors (social, agricultural, education) to promote the health of the community - In Environmental and occupational health: - D28. Appraise and advise on management of occupational and environmental health hazards in various settings - D29. Connect with relevant authorities for environmental control (water, waste management, food safety, vector control) - D30. Value on waste management in the facility - D31. Develop recommend and safety of injury prevention measures - In Nutrition and Health: - D32. Use of communication technique and creative thinking - D33. Illustrate early detection of nutritional deficiency.
--	---

4.Course Contents

Topic	No. of hours	Lecture	Tutorial/Practical
Epidemiology of communicable diseases: (6 per week) <ul style="list-style-type: none"> - Determinants of health and diseases - Prevention and control - Emerging diseases - Neglected tropical diseases 	90	60	30

<ul style="list-style-type: none"> - Zoonotic diseases - Arthropod born infections - Droplet infection - Blood born infections - sexual transmitted infections <p>Epidemiology of Non communicable diseases:</p> <ul style="list-style-type: none"> - Diabetes and hypertension - Cardiovascular diseases - cancer - Accidents. - Smoking 			
<p>Environmental health: (2 hours per week)</p> <ul style="list-style-type: none"> - Environmental Health hazards. - Water and waste management - Food safety. - Physical hazards - Infection control measures 	30	15	15
<p>Administration and Health programs (6h per week)</p> <ul style="list-style-type: none"> - Basic principles of administration and management - Health economics - Referral system - Health organization system - Medical Auditing - Quality assurance - Primary Health care program - Maternal and child Health program - Family Medicine program - School health program - Adolescent health program - Rural health program - Geriatric health program - Mental Health program - Rural health program - Disaster relief and management - Health education principles - Communication skills - Counselling and consultation skills 	90	60	30

- Occupational health program			
In Nutrition (4 per week) - <i>Introduction and nutrition:</i> - Functions of food and nutrition in relation to human beings - Definition of food, nutrition - Planning balance diet - Measurement of energy - Nutritional Elements - Nutrition via the life cycle - Nutritional requirements in infancy, preschool age, school age, adolescence, adult, pregnancy, lactation and geriatric nutrition. - <i>Nutritional assessment</i> - <i>Malnutrition diseases</i> - <i>Dietitics</i>	60	45	15
Total	270	180	90
5.Teaching and Learning Methods	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		
	Online learning materials are available at Minia University site		
	4.1- Lectures: Face to face lectures, Pre-recorded video lectures		
	4.2- Practical lessons		
	4.3- Assignment		
	Online quizzes		
6.Teaching and Learning Methods for students with limited Capacity	1-Providing extra lectures and practical sessions. 2-Timing of lectures and practical sessions according to their schedule. 3-Providing lectures and practical sessions in suitable places for them.		
7.Student Assessment			
A.Student Assessment Methods	5.1- Research assignment: to assess general transferable skills, intellectual skills.		

	5.2- Written exams: <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. 5.3- Practical Exams: to assess practical skills, intellectual skills. 5.4- Oral Exams: Oral exams to assess knowledge 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	American Journal of Epidemiology International Journal of Epidemiology International Journal of Public Health Egyptian Journal of Community Medicine British Journal of Epidemiology and Community Health WWW. CDC and WHO sites

Course Coordinator/s:

Program Coordinators:

Dr Shimaa Mahmoud Dr Chrestina Mounir

Head of Department: Prof Dr Nashwa Nabil

Date of program specifications 1st approval by department council:
13/5/2013.

Date of last update & approval by department council: ٢٠/6/ 2023

Test blueprint for 2nd part public health master written paper examination

Topic	Hour	% of topic	Total No. of items	Written exam		Marks (Percentages)	Modified marks (Percentages)
				Knowledge	Intellectual		
Epidemiology of communicable and non-communicable diseases	60	33.3%	10	8	2	97	95
Environmental health	15	8.33%	3	2	1	23.5	25
Administration and health programs	60	33.8%	10	5	5	91	90
Nutrition	45	25%	7	5	2	68.5	70
Total	180	100%	30			280	280

نموذج رقم (١١)

Post-Graduate Course Specifications of Community Medicine for 2 nd part__MSC degree	مسمى المقرر
CM 200	كود المقرر

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

B.

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
Epidemiology of communicable diseases: (6 per week) 3. Determinants of health and diseases 4. Prevention and control 5. Emerging diseases 6. Neglected tropical diseases 7. Zoonotic diseases 8. Arthropod born infections		A1, A2, A3, A7, A8, A9	B2, B4,	C1, C2, C3, C4, C5, C6, C13	D1, D2, D3, D4, D5, D6, D7,

9. Droplet infection 10. Blood born infection 11. sexual transmitted infections Epidemiology of Non communicable diseases: 12. Diabetes and hypertention 13. Cardiovascular diseases 14. Accidents 15. Cancer 16. Smoking					
Enviromintal health: (2 hours per week) - Environmintal Health hazards. - Water and wast manegment - Food safety. - Physical hazardes - Infection control measures		A1,A4, A5	B4,B5	C7, C8, C9	D28→ D31

Adminstrtation and Health programs (6h per week) <ul style="list-style-type: none"> - Basic principles of adminestration and managment - Health economics - Referral system - Health organization system - Medical Audting - Quality assurance - Primary Health care program - Maternal and child Health program - Family Medicine program - School health program - Adolescent health program - Rural health program - Geriatric health program - Mental Health program - Rural health program - Disater relief and mamnagment - Health education princioles - Communication skills - Councilling and counsltation skills - Occupational health program 		A1, A2, A3	B1, B2, B4, B3,	C1, C7, C10	D8→D15 D16→D27
	ons & Matrices	Page 2			

In Nutrition (4 per week) <i>- Introduction and nutrition:</i> Functions of food and nutrition in relation to human beings Definition of food, nutrition, calories Planning balance diet Measurement of energy <i>- Nutritional Elements</i> <i>- Nutrition throughout the life cycle</i> Nutritional requirements in infancy, preschool age, school age, adolescence, adult, pregnancy, lactation and geriatric nutrition. <i>- Nutritional assessment</i> <i>- Malnutrition diseases</i> <i>- Dietitics</i>		A1, A4, A5, A6, A7	B3, B4, B5, B6	C9, C10	D32, D33
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	From A1 to A9	B1,B2,B3,B4,B5,B6		
Practical			From C1 to C13	D2, D3, D6, D7, D10, D11,D12 D18, D32
Assignment	A1, A6	B1	C6, C8	D5, D20, D22, D23, D24, D25. D26, D18

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	From A1 to A9	B1,B2,B3,B4,B5,B6		
Practical exam			C2, C4, C5, C9, C10	
Oral Exam	A1	B1, B4, B5	C3, C6, C7, C10	D1, D4, D5, D8, D9, D13, D14, D16, D17, D19, D20, D21,D22, D23, D24, D28, D29, D30, D31

Program Coordinators:

Lecturer / Shimaa Mahmoud Ahmed, Lecturer / Chrestina Monir Fekry

Head of Department: Prof Dr / Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13/5/2013.

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



Courses Reports

تقرير مقرر دراسي

Course report of MSc degree in Public health and Preventive medicine 2022

University: Minia

Faculty: Medicine

Department: Public health and Preventive Medicine

A-Basic Information

- 1- **Course Title and Code:** MSc
Program of Community Medicine (CM 200)
- 2- **2-Specialty :** Community Medicine
- 3- **Level/year (1st or 2nd part):** 1st part
may 2022
- 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 ☐
- 7- **Number & Names of teaching staff members:**
Dr. Mahmoud EL Sherif
Dr .Refaat Raaof
 - Dr .Eman Mohamed
 - Dr. Nashwa Nabil
 - Dr. Mona Abo zaid
 - Dr. Amany Edward
 - Dr.Emad Girgis

B- Professional Information

1-

Statistical Information:

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

- Results:

Passed:	No:	1	%	1	Failed:	No:	0	%	0
---------	-----	---	---	---	---------	-----	---	---	---

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

- Success percentages : 100%

- Distribution :

Excellent	No:	1	%	100	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. Public health	7	3	2	2
2. Parasitology	3	1	1	1

3. Microbiology	3	1	1	1
4. Sociology	1	1		
Training programs and workshops, field visits, seminars& other scientific activities	Continuous			

- 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	6 hrs/week
Practical/laboratory training	4 hrs/week
Case presentation & case study	Continuous
Semester work/class activities	Continuous
Training courses and workshops	Continuous
Seminars	Continuous
Self-learning	Continuous

3- Student Assessment:

Method of Assessment	Marks	%
----------------------	-------	---

Written examination		60
Oral examination		40
Practical/ Laboratory examination		
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 ☐

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

ممتاز ١ (١٠٠٪)	اراء عامة حول المقرر
ممتاز ١ (١٠٠٪)	يغطي المقرر مخرجات التعلم المستهدفة
ممتاز ١ (١٠٠٪)	من حيث المحاضرات
ممتاز ١ (١٠٠٪)	من حيث المحاضر

ممتاز ١ (١٠٠٪)	من حيث نظام التقويم
ممتاز ١ (١٠٠٪)	المعامل وامكان التدريب
ممتاز ١ (١٠٠٪)	المدرجات وقاعات الدرس
ممتاز ١ (١٠٠٪)	الاجمالي

5

7- External evaluator/s comments:

البرنامج مستوفي البيانات الاساسيه و مطابق

للمعايير الاكاديميه والقياسيه و يحتوي علي اهداف واضحه و المخرجات توافق الاهداف التعلم

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

Developing logbook,increasesd assignments and seminars

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

Increase field work and practice

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 202٣	Department Staff member
Modification of handout		Department Staff member

Coordinators:

Dr Shimaa Mahmoud
Dr Chrestina Mounir

Head of Department: Prof Dr Nashwa Nabil

Date of last update & approval by department council: ٦ / ٣ /2023

نموذج رقم (١٦)

تقرير مقرر دراسي

**Course report of MSc degree in Public health and Preventive medicine
2022**

University: Minia

Faculty: Medicine

Department: Public health and Preventive Medicine

A-Basic Information

- 8- **Course Title and Code:** MSc
Program of Community Medicine (CM 200)
- 9- **2-Specialty :** Public health and
Preventive Medicine
- 10- **Level/year (1st or 2nd part):** 1st part
october 2022
- 11- **Number of courses:** 4 course
- 12- **Adopted system for selection &
formation of examiners' committee:**
Available ☒ Not available ☐
- 13- **System of external evaluation of
the exam:**
Available ☒ Not available ☐
- 14- **Number & Names of teaching
staff members:**
 - Dr. Mahmoud EL Sherif
 - Dr .Refaat Raaof
 - Dr .Eman Mohamed

- Dr. Nashwa Nabil
- Dr. Mona Abo zaid
- Dr. Amany Edward
-

Dr.Emad Girgis

B- Professional Information

2-

Statistical Information:

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

- Results:

Passed:	No:	1	%	1	Failed:	No:	0	%	0
---------	-----	---	---	----------	---------	-----	----------	---	----------

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

- Success percentages : 100%

- Distribution :

Excellent	No:	1	%	100	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):				
5. Public health	7	3	2	2
6. Parasitology	3	1	1	1
7. Microbiology	3	1	1	1
8. Sociology	1	1		
Training programs and workshops, field visits, seminars& other scientific activities	Continuous			

- 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	6 hrs/week
Practical/laboratory training	4 hrs/week
Case presentation & case study	Continuous

Semester work/class activities	Continuous
Training courses and workshops	Continuous
Seminars	Continuous
Self-learning	Continuous

3- Student Assessment:

Method of Assessment	Marks	%
Written examination		60
Oral examination		40
Practical/ Laboratory examination		
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:

ممتاز ١ (١٠٠٪)	اراء عامة حول المقرر
ممتاز ١ (١٠٠٪)	يغطي المقرر مخرجات التعلم المستهدفة
ممتاز ١ (١٠٠٪)	من حيث المحاضرات
ممتاز ١ (١٠٠٪)	من حيث المحاضر
ممتاز ١ (١٠٠٪)	من حيث نظام التقويم
ممتاز ١ (١٠٠٪)	المعامل وامكان التدريب
ممتاز ١ (١٠٠٪)	المدرجات وقاعات الدرس
ممتاز ١ (١٠٠٪)	الاجمالي

7- External evaluator/s comments:

Attached the external evaluator report.

البرنامج مستوفي البيانات الاساسيه و مطابق للمعايير الاكاديميه والقياسيه و يحتوي علي اهداف واضحه و المخرجات توافق الاهداف التعلم

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

Developing logbook, increased assignments and seminars

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

Increase field work and practice

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 202٣	Department Staff member

Modification of handout		Department Staff member
-------------------------	--	-------------------------

Coordinators:

Dr Shimaa Mahmoud
Dr Chrestina Mounir

Head of Department: Prof Dr Nashwa Nabil

Date of last update & approval by department council: ٦ / ٣ /2023

**2021-2022 Course report of Medical Microbiology and Immunology
(October Exam 2022)**

University: Minia

Faculty: Me dicine

Department: Medical Microbiology and Immunology

A-Basic Information

**1- Course Ttitle and Code: Medical Microbiology and Immunology
for first part of master of public health (CM200)**

2- Specialty: public health

3- Level: First part of Master degree

4- Number of units / Credit hours:

Lectures + Practical/clinical

**5- Adopted system for selection & formation of examiners'
committee:**

Available ☒ Not available ☐

6- System of external evaluation of the exam:

Available ☒ Not available ☐

7- Number & Names of teaching staff members: 10

Prof. Mahmoud Shokry

Prof Mona Abdelmoneim

Prof Wafaa Mahdi

Prof Mohamed Sayed

Prof Rasha Mahmoud

Prof Noha Anwar

Ass. Prof Sahar Abo alyoun

Ass. Prof Ebtesam Samir

Ass. Prof Soha sameh

Ass. Prof Wedad Mahmoud

B- Professional Information

1- Statistical Information:

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

- Results:

Passed:	No:	1	%		Failed:	No:		%	
---------	-----	---	---	--	---------	-----	--	---	--

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

Excellent	No:	1	%		Very good:	No:		%	
Good	No:		%		Pass:	No:		%	

2- Course Teaching:

- Course topics taught

Topic	Lecture No. of hours	Practical or clinical No. of hours	Staff member name
General Microbiology	3	1	Prof. Mahmoud Shokry Prof Mona Abdelmoneim
Bacteriology	3	1	Ass. Prof Sahar Abo alyoun Ass. Prof Ebtesam Samir

Virology	3	----	Prof Wafaa Mahdi Prof Noha Anwar
Immunology	3	1	Prof Noha Anwar Prof Rasha Mahmoud
Applied Microbiology	5	1	Ass. Prof Soha sameh Ass. Prof Wedad Mahmoud
Nosocomial Infection and Infection Control	2	1	Prof Mohamed Sayed

- Total ppercentage 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"/>
Clinical training	<input type="checkbox"/>
Grand rounds	<input type="checkbox"/>
Case presentation & case study Training courses	<input type="checkbox"/>
Seminars and workshops	<input checked="" type="checkbox"/>
Self-learning	<input checked="" type="checkbox"/>
Others (specify)	<input type="checkbox"/>

3- Student Assessment:

Method of Assessment	Marks	%
Written examination	15.5	40
Oral examination	12	30
Practical/ Laboratory examination	10	30
Clinical examination		
Assignments/ activities/log book		
Other (Specify)		
Total	37.5	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 ☐

- If yes, Please specify:

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

- Attached the results of the questionnaire including the percentage of individual items

التدريب على المهارات العملية
اختصار المقرر

7- External evaluator/s comments:

Attached the external evaluator report.

- البرنامج مستوفي البيانات الاساسيه و مطابق للمعايير الاكاديميه والقياسيه و يحتوي علي اهداف واضحه و المخرجات توافق الاهداف التعلم

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

- Recognize microbial morphology, structure, metabolism and physiology of medically significant microorganisms
- Understand the structure and functions of different components of the immune system.
- Describe the principles of biosafety measures and aseptic precautions in Clinics and Hospitals

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
1-Improving the teaching tools: improved infrastructures: including teaching places; hall and laboratory, comfortable desks, security and safety, screens	By the end of 2022	All staff ادارة الكلية

2- Enhance Scientific Activities: The candidates should participate in the scientific activities of the department such as:	At 2022-2023	Staff of Medical and Microbiology Department
-3 Attending seminars (including recent topics and controversial issues)	At 2022-2023	Staff of Medical and Microbiology Department
4- Performing practical workshops	At 2022-2023	Staff of Medical and Microbiology Department

Course Coordinator: Dr. Dalia Nabil

Head of Department: Prof. Dr. Wafaa Khairy

