Program Specifications of MD degree in Public health and Community medicine, Qena Faculty of Medicine, South Valley University

: COM 300 كود البرنامج

Courses	Code	Coo	rdinator	Head of the	department
		Name	Signature	Name	Signature
Biostatistics +	COM309	Rehab	Rohab	Prof/ Ahmed	
Computer		Gamal	Gamai	Hany	A
Research	COM309	Rehab	Rohabo		
Methodology		Gamal	garnal	Prof/ Ahmed	
				Hany	$\Delta \Omega$
Primary Medical	COM309	Prof Dr/	N CA	Prof Dr/	
Reports	COMBOO		Samila		Samor
			Sale	Samera Salen	Sale
		Saleh			
-Hospital	COM309	Rehab	Rohab	Prof/ Ahmed	
-Epidemiology		Gamal	Barner	Hany	
-Environmental					4
Pational course in	COM309	Rehab	Ochorb.	Prof/ Ahmed	
one:-		Gamal	1	Hanv	1
-mental health			Bo		A -
-health laws and					
Specialized course	COM309	Rehab	Rehab	Prof/ Ahmed	
Advanced Public		Gamal	amal	Hany	A
	Biostatistics + Computer Research Methodology Primary Medical Reports -Hospital administration -Epidemiology -Environmental health Pational course in one:health economics -mental health -health laws and research ethics Specialized course	Biostatistics + COM309 Research COM309 Methodology Primary Medical Reports -Hospital administration -Epidemiology -Environmental health Pational course in one:health economics -mental health -health laws and research ethics Specialized course COM309	Biostatistics + Computer Research Methodology COM309 Rehab Gamal COM309 Rehab Gamal	Research Methodology Primary Medical Reports COM309 Com309 Rehab Gamal Comad Com	Name Signature Name Biostatistics + COM309 Rehab Gamal Gamal Gamal Hany Research Methodology Gamal Gamal Gamal Prof/ Ahmed Hany Primary Medical Reports Samera Saleh Saleh -Hospital administration -Epidemiology -Environmental health Pational course in one: -health economics -mental health health laws and research ethics Specialized course Advanced Public Advanced Public American Accordance Advanced Public American Rehab Reh

Program Coordinator Dr/Rehab Gamal Mahdy

Robab Gamal

Head of department
Prof Dr/ Ahmed Mohammed
Mahmoud Hany

AA





Program Specification of Medical Doctorate Degree of Public Health & Community Medicine South valley University Faculty of medicine

A- Basic Information

- 1. Program title: MD degree in Public Health & Community Medicine
- 2. Program type: single.
- 3. Faculty: Faculty of Medicine
- 4. Department: Public Health and Community Medicine.
- 5. Coordinator: Prof.dr Ahmed Mohamed mahmoud hany
- 6. External evaluator: Prof. ahmed fathy hamed; Prof. of Public Health and Community

B-Professional Information

1. Program aims

The aim of this program is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through

1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.

2. Skills necessary for preparing for proper diagnosis and management of community problems, skills for conducting and supervising researches on basic scientific methodology.

3. Ethical principles related to the practice in this specialty.

- 4. Active participation in community needs assessment and problems identification.
- 5. Maintenance of learning abilities necessary for continuous medical education.
- 6. Upgrading research interest and abilities.

Attributes of the post graduate:

- 1. Efficient in carrying out the basics and methodologies of scientific research in Community
- 2. The continuous working to add new knowledge in his field.
- 3. Applying the analytical course and critical appraisal of the knowledge in his specialty and related
- 4. Merging the specialized knowledge with the other related knowledge with conclusion and developing the relationships in between them.
- 5. Showing a deep awareness with the ongoing problems, theories, and advanced sciences in his specialty.





- 6. Determination of the professional problems and creating solutions for them.
- 7. Efficient in carrying out the professional skills in his specialty.
- 8. Using advanced suitable technologies which serves his practice.
- 9. Efficient communication and leadership of team work in his specialty.
- 10. Decision making through the available information.
- 11. Using the available resources efficiently and working to find new resources.
- 12. Awareness with his role in the development of the society and preserve environment.
- 13. Behaving in a way which reflects his credibility, accountability, and responsibility.
- 14. Keeping continuous self development and transfer his experiences and knowledge to others.

Intended learning outcomes (ILOs)

- a) Knowledge and understanding
 - By the end of the course, the student is expected to be able to:
 - A1. Mention the recent advances in principals of all aspects of health and disease.
 - A2. Describe recent advances of the spectrum of health (mental, physical, social, ect.)
 - A3. Describe recent advances of the spectrum of communicable diseases
 - A4. Define recent advances of epidemiologic approaches to measure the occurrence of disease in
 - A5. Identify principles of family medicine and the impact of its implementation.
 - A6. Explain the recent advances of environmental sanitation methods.
 - A7. Describe the recent advances of determinants of health on the individual, the family, and the community levels.
 - A8. List recent advances of essential public health functions.
 - A9. Define recent advances of patterns of care as preventive and curative, and describe the levels of preventive care.
 - A10. Explain Egypt's population pyramid and define the information obtained from the pyramid.
 - A11. Describe the different profiles of the population pyramids and their interpretations.
 - A12. Define the recent advances of screening tests pertinent to selected diseases and the at-risk approach in the application of screening tests.
 - A13. Describe the study design, uses, and limitations.
- A14. Define the recent advances in clinical epidemiology and its basic components.
- A15. Describe the recent advances in public health surveillance system and its use in the community setting.
- A16. Describe the infectious cycle.
- A17. Explain the recent advances of different methods for prevention and control.
- A18. Identify the infectious cycle for each of communicable diseases and How to break it to prevent and control infection.
- A19. Define the recent advances of methods of prevention and control for each of communicable diseases





- A20. Describe the recent advances of principles of rodent and insect control in the community and he hazards of rodent and insect.
 - A21. List the recent advances of risk factors relevant to selected non-communicable diseases including environmental risk factors.
 - A22. Identify the Vulnerable groups in the community.
 - A23. Describe elements, component, principles, strategies and Instruments of Primary Health care.
 - A24. Explain Indicators of Primary Health care.
 - A25. Identify the Impact of Health sector reform on primary health care services and facilities
 - A26. Identify quality of services in primary health care facilities.
 - A27. Describe the health needs for vulnerable group children and women in child bearing period.
 - A28. Describe the recent advances of the principle of school health.
 - A29. Describe the recent advances of the principle of occupational health.
- A30. Identify various occupational Hazards, common occupational health problems in the community.
- A31. Identify compensable occupational health diseases.
- A32. Describe the recent advances of methods of occupational protection and prevention of occupational diseases
- A33. Describe the recent advances of the principle of health administration.
- A34. Identify nutritional requirements.
- A35. Describe the source of important nutrients.
- A36. Illustrate the nutritional status and prevention of malnutrition and the recent advances in nutritional status assessment.
- A37. Identify principles of Geriatric Health.
- A38. Identify common Health problems among geriatrics and the recent advances of prevention and control of such problems.
- A39. Identify different geriatric health care programs
- A40. Define the recent advances of life expectancy.
- A41. Enumerate the recent advance in data collection, presentation and analysis in the field of Public Health and Community Medicine
- A42. Enumerate the recent advances in biostatistics and computer.
- A43. Define Diet modifications in disease situation for different types of diseases.
- A44. Describe sampling techniques and list advantages of sampling.
- A45. Describe the normal curves and its uses.
- A46. Enumerate the recent advances of principles, methodologies, tools and ethics of scientific research.
- A47. Mention the principles and fundamentals of ethics and legal aspects of professional practice in the field of public health and community medicine.
- A48. Enumerate the principles and fundamentals of quality of professional practice in the field of public health and community medicine.
- A49. Enumerate the effect of professional practice on the environment and the methods of environmental development and maintenance.
- A50. Define epidemiologic approaches to measure the occurrence of disease in communities.
- A51. Build a model explaining the environmental hazards e.g. Disasters, climatic changes and the effect on human and public health.

Intellectual skills

- By the end of the course, the student is expected to be able to:
- 1. Collect and verify data from different sources and interpret data to diagnose prevalent . health problems the community, using various epidemiological strategies and use it for titration and conclusion.





- B2. Select the appropriate diagnostic tools to reach a final solving of the prevalent health problems in the community.
- B3. Conduct research studies that adds to knowledge.
- B4. Formulate scientific papers in the area of public health and community medicine.
- B5. Assess risk in professional practices in the field of public health and community medicine.
- B6. Plan to improve performance in the field of public health and community medicine.
- B7. Identify community problems and find solutions.
- B8. Innovate and create nontraditional solutions to prevalent community health problems.
- B9. Manage Scientific discussion based on scientific evidences and proofs.
- B10. Criticize researches related to public health and community medicine.

Professional and practical skills

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

- C1. Master the basic and modern professional skills in the area of public health and community medicine.
- C2. Write and evaluate of medical reports.
- C3. Evaluate and develop methods and tools existing in the area of public health and community medicine.
- C4. Evaluate different methods of diagnosis and management of prevalent community problems.
- C5. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent community problems and training junior staff.
- C6. Design new methods, tools and ways of professional practice.

d) General and transferable skills

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

- D1. Present reports in seminars effectively.
- D2. Use appropriate computer program packages.
- D3. Teach others and evaluate their performance.
- D4. Assess himself and identify his personal learning needs.
- D5. Use of different sources for information and knowledge.
- D6. Work coherently and successfully as apart of a team and team's leadership.
- D7. Manage scientific meetings according to the available time.

Curriculum structure and contents:

- Program duration: .
- Program structure:

Course code	Credit hours	Lectures	Practical
		Dectares	Tractical
COM309	3	30	30
	3	30	
	2	Contractor .	30
	3	1000	30
		45	
	3		
		COM309 3 3 2 3	COM309 3 30 3 30 2 15 3 45 45

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		No manufacture of the second s	SHULLOW IN
SECOND PART			
SPECIALIZED Course	COM309	53	
Advanced Public HEALTH and			
Community Medicine			

irst Part:

- Program-related basic science, Research Methodology, Ethics & medical reports, Biostatistics and computer.
- 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 October 2ND in April after fulfillment of the credit hours.
- At least60 % of the written exam and 60% of the total oral and practical/clinical is needed to pass in each course.
- For the student to pass the first part exam, a score of at least 60% (Level D) in each course is needed.
- Those who fail in one course need to re-exam it only.
- Program related specialized science of Public Health and Community Medicine courses. At least 2nd months after passing the 1st part should pass before the student can ask for examination in the
- Fulfillment of the requirements in each course as described in the template and registered in the log book (\(^\text{Credit hours};\) with obtaining >75\% of its mark) is a prerequisite for candidates to be assessed and undertake part \(^\text{and part Yexaminations};\) the credit hours of the logbook are calculated as following:
 - Each Cr. Hr.= 60 working Hrs.
 - Logbook= 8 Cr. Hr. X 60 working Hrs = 480 Working Hrs.
 - Collection of working Hrs. is as following:

Activity	Hrs
Grand rounds	6
Training courses	12/ day
Conference attendance	
	12/day
	18/day
Thesis discussion	6
Workshops	12/day
Journal club	6
Seminars	6
Morbidity and Mortality	6
Conference	
Self education program	6

methods of student assessments

Method of assessment	Weight	The assessed ILOs
1-Research assignment		- General transferable skills, intellectual skills
2-Written Exams: -Short essay	20%	- Knowledge
-structured questions:		- Knowledge

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-MCQs: -Commentary, Problem solving: 3-Structured Oral Exams	- Knowledge, intellectual skills, G Intellectual skills,	tual skills eneral transferable skills
	Knowledge, General	
	transferable skills	
4-OSPE	intellectual skills, prac	ctical skills

ssessment schedule:

art I:

Biostatistics & Computer: Written Exam ('hours) + Structured oral Exam+ OSPE

Research Methodology: Written Exam (2 hours) + structured oral Exam+ OSPE Primary medical reports: Written Exam (2hour) + Structured oral Exam+ OSPE

Epidemiology, Administration and environmental health: Written Exam (2 hours) + structured oral

Optional Course: Written Exam (2 hours) + structured oral Exam.

art II:

Public Health & Community Medicine: Two Written Exams (3hours for each) + Structured oral Exam

0. Evaluation of program:

Evaluator	Tool	Sample
1- Senior students	Questionnaire	2
2- Alumni	Questionnaire	3
3- Stakeholders (Employers)	Questionnaire	20
4-External Evaluator(s) (External Examiner(s)	Report	1
5- Other		





Course Specifications of Biostatistics and computer in MD degree in public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Minor
- 3. Department offering the program: Public health and community medicine
- 4. Department offering the course: public health and community medicine
- 5. Academic year / Level; 1st part

Basic Information

Title: Course Specifications of Biostatistics and computer in MD degree in public health and community medicine.

Total hours

Title	Lecture	practical	total	Credit
Biostatistics and computer	30	30	45	2

Professional Information 1.

verall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.

2. Active participation in community needs assessment and problems identification. 3. Maintenance of learning abilities necessary for continuous medical education.

Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

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

- A1. Enumerate different programs of analysis of data and statistical packages
- A2. Define the recent advances of sources of data and methods of collection.
- A3. Summarize data, construct tables and graphs
- A4. Calculate measures of central tendency and measures of dispersion
- A5. Describe the normal curves and its uses
- A6. Illustrate selected tests of significance and the inferences obtained from such tests
- A7. Illustrate selected tests of significance for parametric and non parametric inferences
- A8. Identify factor analysis and discrimination analysis

b) Intellectual Skills

By the end of the course, the student is expected to be allowed to

- B1. understand how to collect and verify data from different sources
- B2. Interpret data to diagnose prevalent health problems in the community, using various epidemiological strategies and use it for titration and conclusion

c) Professional and Practical Skills:

By the end of the course, the student is expected to practice the following:





C1. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent community problems and training junior staff

General and Transferable Skills:

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

D1. Use appropriate computer program packages.

D2. Use of different sources for information and knowledge about biostatistics.

Contents

Topic Recent advance in the	No. of hours	Lecture	Tutorial/ Practical
Recent advances in collection, analysis and interpretation of data	6	3	3
-Details of Tests of significance: Proportion test	6	3	3
Chi-square test	6	3	2
Student T test	6	3	3
Paired T test	6	2	
-Correlation	6	3	3
Regression	6	3	3
-ANOVA test	6	3	3
Discrimination analysis	6	3	3
Factor analysis	6	3	3
	3	1.5	1.5
parametric and non parametric tests	3	1.5	1.5
Total	60	30	30
Credit Hours and Learning Methods	3	2	1

4. Teaching and Learning Methods

- Lectures
- Practical sessions
- Computer search assignments
- Computer application

5. Student Assessment Methods

Method of assessment	The assessed ILOs
- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
-Written Exam: -Short essay: -structured questions -MCQs: -Commentary, Problem solving: -Structured Oral Exam	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills, - Intellectual skills, Knowledge, General transferable skills
OSPE	-Practical skills intellectual skills
o, oComputer search assignment	-General transferable skills, intellectual skills

ssessment Schedule

Assessment 1......Final written exam

Assessment 2......Final Structured Oral Exam

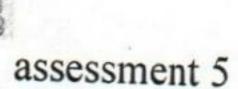
Assessment 3

OSPE

Assessment 4

Attendance and absenteeism throughout the course







Computer search assignment performance throughout the course

Veighting of Assessments

Final-term written examination 50% Final Structured Oral Exam, OSPE 50% Total 100%

Formative only assessments: attendance and absenteeism and Computer search assignments performance.

Facilities Required for Teaching and Learning:

1- ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

2- TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner,

copier, color and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof/ Ahmed Mohamed mahmoud hany





Course Specifications of Research Methodology in MD degree in public health and community medicine

- 1. Program (s) on which the course is given: MD degree in Public health and community medicine
- 2. Minor element of program
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: public health and community medicine o.

Academic year / Level; 1st part

A. Basic Information

Title: Course Specifications of Research Methodology in MD degree in Public health and community medicine

Total hours

Title	Lecture	practical	total	Credit
Research Methodology	30	30	60	3

. Professional

nformation 1. Overall

ims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

- 1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.
- Skills necessary for preparing for proper diagnosis and management of community problems, skills for conducting and supervising researches on basic scientific methodology.
- 3. Ethical principles related to the practice in this specialty.
- 4. Active participation in community needs assessment and problems identification.
- 5. Maintenance of learning abilities necessary for continuous medical education.
- 6. Upgrading research interest and abilities.

Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

- A1. Define the recent advances of screening tests pertinent to selected diseases and the atrisk approach in the application of screening tests.
- A2. Explain the usefulness of screening tests, and calculate sensitivity, specificity, and predictive values.
- A3. Describe the study design, uses, and limitations.
- A4. Enumerate the recent advances of principles, methodologies, tools and ethics of scientific research.
- A5. Explain the strategies and design of researches.
- A6. Describe bias and confounding.
- A7. Describe sampling techniques and list advantages of sampling
- A8. Identify principles of evidence based medicine.





b) Intellectual Skills

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

B1. Conduct research studies that adds to knowledge.

B2. Formulate scientific papers in the area of his specialty

B3. Innovate and create researches to find solutions to prevalent health problems b4.

Criticize researches related to the specialty.

c) Professional and Practical Skills:

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

- C1. Master the basic and modern professional skills in conducting researches in the area of his specialty.
- C2. Design new methods, tools and ways of conducting researches. .

d) General and Transferable Skills:

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

- D1. Use of different sources for information and knowledge to serve research.
- D2. Work coherently and successfully as a part of a team and team's leadership in conducting researches and field studies.

Contents

Topic	No. of hours	Lectu	Tutorial/ Practical
Details of epidemiological studies (case control, cohort and cross sectional)	8	4	4
Clinical trials, Quasi experimental study	8	4	4
Bias and errors	8	4	4
Setting a hypothesis	8	4	4
Recent advances in screening	8	4	4
Evidence – based Medicine: Concept and examples Applicability Scientific writing: A protocol A curriculum	8	4	4
Setting an objective - Critical thinking	8	4	4
Formulation of papers	8	2	2
Total	60	30	30
Credit hours	٣	1	4

Teaching and Learning Methods

- Lectures.
- Computer search assignments

Student Assessment Methods

Method of assessment	The assessed ILOs
- Observation of attendance and	- General transferable skills, intellectual skills
absenteeism.	





	Linearita
-Written Exam:	
-Short essay:	- Knowledge
-structured questions:	- Knowledge
-MCQs:	- Knowledge, intellectual skills
-Commentary, Problem solving:	- Intellectual skills, General transferable skills,
-Structured Oral Exam	- Intellectual skills, Knowledge, General
	transferable skills
OSPE	-Practical skills intellectual skills
Computer search assignment	-General transferable skills, intellectual skills

ssessment Schedule

Assessment 1......Final written exam

Assessment 2......Final Structured Oral Exam

OSPE Assessment3

Assessment 4

Computer search assignment performance throughout the course

Veighting of Assessments

Final-term written examination Final Structured Oral Exam, OSPE Total 100

Any formative only assessments Attendance and absenteeism throughout the course Computer search assignment performance throughout the course

Facilities Required for Teaching and Learning:

1-ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

Y- TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, color and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof/ ahmed Mohamed mahmoud hany





course Specifications of Primary Medical Reports for MD degree in public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Minor
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: Forensic medicine and clinical toxicology
- 5. Academic year / Level; 1st part

A. Basic Information

Title: Course Specifications of primary medical reports for MD degree in public health and community medicine

Total hours

Title	Lecture	practical	Total	Credit hours
Primary medical reports	15	30	45	2

B. Professional Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

- 1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.
- 2. Active participation in community needs assessment and problems identification
- 3. Maintenance of learning abilities necessary for continuous medical education.

2. Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

- A1. Identify ethical considerations of medical research involving human subjects
- A2. Mention the principles and fundamentals of ethics and legal aspects of professional practice in the field of public health and community medicine.
- A3. Mention obligation of physicians towards patients, colleagues, community.
- A4. Identify Types of malpractice, and items of responsibility in the field of public health and community medicine.
- A5. Mention medicolegal aspects of important matters related affecting public health such as organ transplantation, intersex states, euthanasia, assisted reproduction techniques





b) Intellectual Skills:

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

B1. Formulate reports in the area of public health and community medicine including death certificate and toxicological reports.

B2. Select the appropriate diagnostic tools for diagnosis of poisoning and select the suitable method of management

c) Professional and Practical Skills:

By the end of the course, the student is expected to practice the following: c1.

Write and evaluate of medical reports including death certificate and toxicological reports

d) General and Transferable Skills:

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

D1. present reports in seminars effectively after formulation and evaluation. 3.

Contents

Topic	No. of hours	Lecture	practical
Definition of poison, classification of poison and factors that influence toxicity	5	2	3
Diagnosis & Management of poisoning including: respiratory support, circulatory support and neurological support	6	2	4
toxicological sampling and permanent infirmity	6	2	4
How to write a toxicological report & How to write death certificate	5	2	3
Obligation of physicians (towards patients, colleagues, community)	5	2	3
Consent, and professional secrecy	5	2	3
Types of malpractice, and items of medical Responsibility	4	1	3
Medico legal aspects of organ transplantation, intersex states, euthanasia, assisted reproduction techniques	4	1	3
Ethical considerations of medical research involving human subjects	5	1	4
Total	45	15	30
Credit hours	2	1	1

4. Teaching and Learning Methods

- Lectures
- Practical sessions
- Assignment





5. Student Assessment Methods

The assessed ILOs
- General transferable skills, intellectual skills

-Written Exam: -Short essay: -structured questions: -MCQs: -Commentary, Problem solving: Structured Oral Exam	- Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills, - Intellectual skills, Knowledge, General transferable skills
OSPE	-Practical skills intellectual skills
Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1......Final written exam

Assessment 2......Final Structured Oral Exam

Assessment 3

OSPE

Assessment 4

Attendance and absenteeism throughout the course

Assessment 5

Computer search assignment performance throughout the course

Weighting of Assessments

Final-term written examination	50	%
Final Structured Oral Exam, OSPE	50	%
Total	100	%

formative only assessments: attendance and absenteeism, Computer search assignment.

Facilities Required for Teaching and Learning:

1-ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

2. TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, color and laser printers.

Course Coordinator: Prof Dr/Samira Saleh

Head of Department: Prof Dr/Samira Saleh





Course Specifications of Administration, Epidemiology and Environmental health in MD degree in Public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Minor
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: public health and community medicine o.

Academic year / Level; 1st part

A. Basic Information

Title: Course Specifications of Administration, Epidemiology and Environmental health in MD degree in public health and community medicine

Total hours

Module	Lecture	Practical	Total	Credit hours
Administration	15		15	1
Epidemiology	15		15	1
Environmental health	15		15	1

A. Professional nformation

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

- 1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.
- 2. Active participation in community needs assessment and problems identification.
- 3. Maintenance of learning abilities necessary for continuous medical education.

2. Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

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

- A1. Describe the recent advances of the principle of health administration.
- A2. Enumerate the principles and fundamentals of quality of professional practice in the field of public health and community medicine

b) Intellectual Skills

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

- B1. Assess risk in professional practices in the field of public health and community medicine.
- B2. Plan to improve performance in the field of public health and community medicine.

c) Professional and Practical Skills:

- C1. Evaluate and develop methods and tools existing in the area of public health and community medicine.
- C2. Evaluate different methods of diagnosis and management of prevalent community problems.





d) General and Transferable Skills:

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

to d1. Teach others and evaluate their performance.

D2. Assess himself and identify his personal learning needs.

D3. Work coherently and successfully as a part of a team and team's leadership.

D4. Manage scientific meetings according to the available time.

Epidemiology Module:

a) Knowledge and understanding:

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

A1. Define the recent advances in clinical epidemiology and its basic components.

A2. Describe the infectious cycle.

A3. Identify the infectious cycle for each of the infectious diseases.

A4. Define epidemiologic approaches to measure the occurrence of disease in communities.

b) Intellectual Skills

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

- B1. Collect epidemiological data from different sources and interpret data to diagnose prevalent health problems in the community, using various epidemiological strategies and use it for titration and conclusion.
- B2. Innovate and create nontraditional solutions to prevalent epidemiological problems.

c) Professional and Practical Skills:

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

C1. Master the basic and modern professional skills in the area of epidemiology.

C2. Develop methods and tools existing in the area of epidemiology.

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge in the area of epidemiology.

Environmental health Module:

a) Knowledge and understanding:

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

- A1. Explain the recent advances of environmental sanitation methods including sterilization and disinfection methods.
- A2. Describe recent advances in principles of rodent and insect control in the community and the hazards of rodent and insect on the environment.
- A3. List the recent advances of Environmental risk factors non- communicable diseases as Cancer, DM, Atherosclerosis, and Ischemic H D, Congenital diseases
- A4. Understand the effect of professional practice on the environment and the methods of environmental development and maintenance
- A5. Build a model explaining the environmental hazards e.g. Disasters, climatic changes and the effect on human and public health.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose prevalent environmental problems in the community, using various epidemiological strategies and use it for titration and conclusion.
- B2. Identify environmental problems and find solutions

a. Professional and Practical Skills:





- C1. Evaluate different methods of diagnosis and management of prevalent environmental problems.
- C2. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent environmental problems and training junior staff.

c) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge in the area of environmental health.

3. Contents:

Administration module:

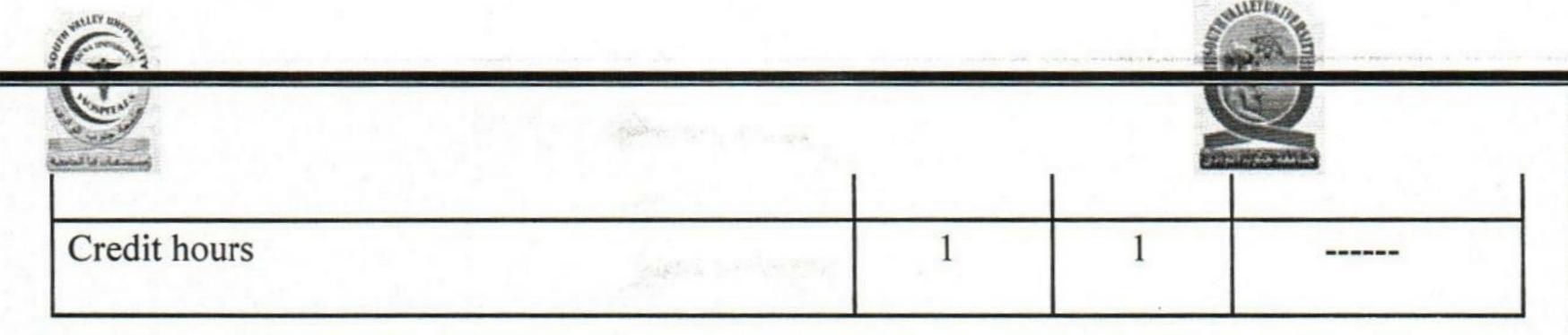
Topic	No. of hours	Lecture	Tutorial/ Practical
Recent advances of : Planning	2	2	
Organizing	2	2	
Staffing, Directing	2	2	
Coordinating	2	2	
Budgeting	2	2	
Supervision, Evaluation	3	3	
Time management, Conflict management	2	2	
Total	15	15	
Credit hours	1	1	

Epidemiology Module

Topic	No. of hours	Lecture	Tutorial/ Practical
Recent advances in clinical epidemiology and its basic components.	4	4	
Advanced diagnostic methods of epidemiological problems.	4	4	
advanced solutions to epidemiological problems Bioterrorism	4	4	
Disasters Implication	3	3	
Total	15	15	
Credit hours	1	1	

Environmental health module

Topic	No. of hours	Lecture	Tutorial/ Practical
-Recent advances of environmental sanitation	3	3	
- recent advances of Sterilization and disinfection	3	3	
-Disaster risk, management, health impact	3	3	
-Environmental risk factors non- communicable diseases as Cancer, DM, Atherosclerosis, and Ischemic H D, Congenital diseases.	3	3	
-Recent advances of climatic changes	3	3	
Total	15	15	



4. Teaching and Learning Methods

- Lectures
- Computer search assignments

5. Student Assessment Methods

Method of assessment	The assessed ILOs
- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
-Written Exam: -Short essay: -structured questions: -MCQs: -Commentary, Problem solving:	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
-Structured Oral Exam	- Iintellectual skills, Knowledge, General transferable skills
Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1Final written exam

Assessment 2Final Structured Oral Exam

Assessment 3 Attendance and absenteeism throughout the course

Assessment 4 Computer search assignment performance throughout the course

Weighting of Assessments

Final written examination	50	%
Structured Oral Exam	50	%
Total	100	%

Any formative only assessments:

Facilities Required for Teaching and Learning:

-ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

Y- TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, colour and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof/ Ahmed Mohamed mahmoud hany





Course Specifications of MD degree in Health Economics for Public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Minor
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: public health and community medicine o.

Academic year / Level; 1st part

A. Basic Information

Title: Course Specifications of MD degree in Health economics for public health and community medicine

Total hours

Title	Lecture	practical	total	credit
Health economics	45		45	3

A. Professiona Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

 Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.

 Skills necessary for preparing for proper diagnosis and management of community problems, skills for conducting and supervising researches on basic scientific methodology.

3. Maintenance of learning abilities necessary for continuous medical education.

2. Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

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

- A1. List essential public health programs and their economic background.
- A2. Explain Egypt's population pyramid and define the information obtained from the pyramid and its impact on health economics.
- A3. Understand the different profiles of the population pyramids and their interpretations.
- A4. Describe the economic impact of implementing the recent advances of the principle of occupational health.

b) Intellectual Skills

- B1. Select the appropriate economic diagnostic tools to reach a final solving of the prevalent health problems in the community
- B2. Innovate and create economic solutions to prevalent community health problems





c) Professional and Practical Skills:

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

C1. Master the basic and modern professional skills in the area of health economics c2. Evaluate the economics of the different methods and tools existing in the area of public health and community medicine

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge in the area of health economics.

. Contents

Topic	No. of hours	Lecture	Tutorial/ Practical
Concepts and Terminology	7	7	
Budgeting for health: - Curative - Preventive	8	8	
Planning for Funding Health projects	8	8	
Budgeting for Health projects	8	8	
Economic Burden of health	7	7	
Health insurance	7	7	
Total	45	45	
Credit hours	3	3	

. Teaching and Learning Methods

- Lectures
- Computer search assignments

. Student Assessment Methods

The assessed ILOs
- General transferable skills, intellectual skills
- Knowledge
- Knowledge
- Knowledge, intellectual skills
- Intellectual skills, General transferable skills,
- Iintellectual skills, Knowledge, General transferable skills
-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1 Final written exam

Assessment 2 Final Structured Oral Exam

Assessment 3 Attendance and absenteeism throughout the course

Assessment 4 Computer search assignment performance throughout the course

Weighting of Assessments

Final written examination	50%
Structured Oral Exam	50%
Total	100 %





Any formative only assessments:

Attendance and absenteeism throughout the course, Computer search assignment performance throughout the course

Facilities Required for Teaching and Learning:

-ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

- TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, colour and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof Ahmed Mohammed mahmoud hany





Course Specifications of MD degree in Mental Health in public health and community medicine

- 1. Program on which the course is given: MD degree in Public health and community medicine
- 2. Major or Minor element of programs: Major
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: public health and community medicine o.

Academic year / Level; 1st part

A. Basic Information

Title: Course Specifications of MD degree in Mental Health in Public health and community medicine

Total hours

Title	Lecture	practical	Total	Credit
Mental Health	45		45	3

B. Professional Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.

Active participation in community needs assessment and problems identification.

Maintenance of learning abilities necessary for continuous medical education.

2. Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

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

- A1. Mention the recent advances in principals of mental health and mental diseases.
- A2. Describe recent advances of the spectrum of health including mental health.
- A3. List risk factors relevant to selected mental diseases.

b) Intellectual Skills

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

- B1. Collect data from different sources and interpret data to diagnose prevalent mental health problems in the community.
- B2. Conduct research studies that adds to knowledge in the area of mental health

c) Professional and Practical Skills:

By the end of the course, the student is expected to practice the following:

- C1. Evaluate different methods of diagnosis and management of prevalent mental health problems.
- d) General and Transferable Skills:





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

D1. Use of different sources for information and knowledge in the area of mental health. 3.

Contents

Topic	No. of	Lecture	Tutorial/
	Hours		Practical
Mental Health: Concept and terminology	9	9	
Public health importance	9	9	
Preventable mental ds	9	9	
Risks for abnormal Mental Health	9	9	
Managements	9	9	
Total	45	45	
Credit hours	3	3	

. Teaching and Learning Methods

- Lectures
- Computer search assignments

. Student Assessment Methods

Method of assessment	The assessed ILOs
- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
-Written Exam:	
-Short essay:	- Knowledge
-structured questions:	- Knowledge
-MCQs:	- Knowledge, intellectual skills
-Commentary, Problem solving:	- Intellectual skills, General transferable skills,
-Structured Oral Exam	- Iintellectual skills, Knowledge, General transferable skills
Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1......Final written exam

Assessment 2......Final Structured Oral Exam

Assessment 3...... Attendance and absenteeism throughout the course

Assessment 4 Computer search assignment performance throughout the course

Weighting of Assessments

Final written examination	50%
Structured Oral Exam	50%
Total	100 %

Any formative only assessments:

Facilities Required for Teaching and Learning:





ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

. TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, colour and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof/Ahmed mohammed mahmoud hany





Course Specifications of MD degree in Health laws and research ethics in public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Minor
- 3. Department offering the program: Public health and community medicine
- 4. Department offering the course: Public health and community medicine
- 5. Academic year / Level: \st part

A. Basic Information

Title: Course Specifications of MD degree in Health laws and research ethics in Public health and community

Total hours

Title	lecture	practical	Total	credit
Health laws and research ethics	45		45	3

B. Professional Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

- 1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.
- 2. Active participation in community needs assessment and problems identification.

2. Intended Learning Outcomes of Courses (ILOs)

a) Knowledge and understanding:

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

- A1. Mention the recent advances in health laws.
- A2 Mention the fundamentals of ethics and legal aspects of research in the field of public health and community medicine.

b) Intellectual Skills

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

B1. Manage Scientific discussion based on understanding different health laws

c) Professional and Practical Skills:

By the end of the course, the student is expected to practice the following:

C1. Evaluate and understand laws existing in the area of public health and community medicine

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge about health laws and their implementation.





3. Contents

Topic	No. of hours	Lecture	Tutorial/ Practical
Health systems	7	7	
Health system in Egypt	8	8	
Health laws in Egypt	8	8	
Laws for health insurance	8	8	
Laws for Family Med. In MOH	7	7	
Laws for Environmental protection	7	7	
Total	45	45	
Credit hours	3	3	

4. Teaching and Learning Methods

- Lectures
- Computer search assignments

5. - Student Assessment Methods

Method of assessment	The assessed ILOs
Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
-Written Exam: -Short essay: -structured questions -MCQs: -Commentary, Problem solving:	 Knowledge Knowledge Knowledge, intellectual skills Intellectual skills, General transferable skills,
-Structured Oral Exam	- Intellectual skills, Knowledge, General transferable skills
Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1......Final written exam

Assessment 2......Final Structured Oral Exam

Assessment 3..... Attendance and absenteeism throughout the course,

Assessment 4Computer search assignment performance throughout the course

Weighting of Assessments

Final written examination	50% 50%	
Structured Oral Exam		
Total	100 %	

Any formative only assessments:

6. List of References

- Essential Books (Text Books)

1-Maxy-Rosenau Public health and preventive medicine,,,Robert Wallace, publisher McGraw-Hill Medical; o' edition.

- Recommended Books





- 1- Dimensions of Community Health,. Dean F. Miller, James H. Price, publisher Brownell & Carroll; 5th edition.
- 2- Short Textbook of preventive and social Medicine.., G.N., M.D. Prabhakara, publisher Jaypee Brothers Medical Pub; 2nd edition.
- V-Epidemiology in Medical Practice, D. J. P. Barker, Cyrus Cooper MA, G. Rose MA, publisher Churchill Livingstone; cedition.
- Periodicals, Web Sites, ...etc
- 1-American Journal of Epidemiology
- 2-British Journal of Epidemiology and Community Health
- 3- WWW. CDC and WHO sites

7. Facilities Required for Teaching and Learning:

- ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.
- TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, colour and laser printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof//Ahmed Mohamed Mahmoud Hany





course Specifications of Public health and community in MD degree in public health and community medicine

- 1. Program on which the course is given: MD degree in public health and community medicine
- 2. Major or Minor element of programs: Major
- 3. Department offering the program: public health and community medicine
- 4. Department offering the course: public health and community medicine
- 5. Academic year / Level; 2nd part

A. Basic Information

Title: Course Specifications of public health and community in MD degree in public health and community medicine

Total hours

Module	Lecture	Practical	Total	credit
Clinical Epidemiology	60	120	180	8
Occupational Health	60	120	180	8
Epidemiology of communicable and non communicable diseases	60	120	180	8
Advanced course in specialty	30	90	120	5
Primary Health	60	60	120	66
Health of vulnerable groups	60	60	120	6
Nutrition	30		30	2
Family medicine	30	120	150	6
Geriatrics	30	60	90	4

B. Professional

Information 1. Overall Aims of

Course

The aim of this course is to provide the postgraduate student with the advanced medical knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of Public health and Community Medicine through providing:

- 1. Recent scientific knowledge essential for the mastery of practice of Public Health and Community Medicine according to the international standards.
- 2. Active participation in community needs assessment and problems identification.
- 3. Maintenance of learning abilities necessary for continuous medical education.





2. Intended Learning Outcomes of Courses (ILOs)

Clinical Epidemiology module

a) Knowledge and understanding:

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

A1. Define the recent advances of the epidemiologic approaches to measure the occurrence of disease in communities

A2. Describe the recent advances of determinants of Epidemiology.

A3. Mention the recent advances of the principles and fundamentals of ethics and legal aspects of professional practice in the epidemiology.

A4. Build a model explaining the epidemiological background of human diseases.

b) Intellectual Skills

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

B1. Collect epidemiological data from different sources and interpret data to diagnose prevalent health problems in the community, using various epidemiological strategies and use it for titration and conclusion.

B2. Select the appropriate diagnostic tools to reach a final solving of the prevalent

epidemiological problems in the community.

B3. Conduct research studies that adds to knowledge in the area of epidemiology

B4. Formulate scientific papers in the area of epidemiology.

B5. Identify epidemiological problems and find solutions.

B6. Innovate and create nontraditional solutions to prevalent epidemiological problems.

B7. Criticize researches related to epidemiology.

c) Professional and Practical Skills:

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

C1. Master the basic and modern professional skills in the area of epidemiology. C2. Write and evaluate of medical reports about epidemiological problems.

C3. Evaluate and develop methods and tools existing in the area of clinical epidemiology.

C4. Evaluate different methods of diagnosis and management of prevalent epidemiological problems in the community.

C5. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent epidemiological problems and training junior staff.

C6. Design new methods, tools and ways of professional practice in the area of clinical epidemiology.

d) General and Transferable Skills:

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

D1. Present reports about epidemiological problems in seminars effectively

D2. Use appropriate computer program packages in analysis and interpretation of epidemiological data.

D3. Use of different sources for information and knowledge to help in Diagnosis and solving of prevalent epidemiological problems.

Occupational Health module

a) Knowledge and understanding:

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

A1. Identify various occupational Hazards, common occupational health problems in the community.

A2. Identify compensable occupational health diseases.

A3. Describe the recent advances of methods of occupational protection and prevention of occupational diseases.





b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose occupational Health problems in the community, using various epidemiological strategies and use it for titration and conclusion.
- B2. Conduct research studies that adds to knowledge in the area of occupational health
- B3. Assess risk in professional practices in the field of occupational Health.
- B4. Plan to improve performance in the field of occupational Health
- B5. Criticize researches related to occupational Health.

c) Professional and Practical Skills:

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

- C1. Master the basic and modern professional skills in the area ofoccupational health.
- C2. Write and evaluate of medical reports related to occupational Health
- C3. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of occupational health problems and training junior staff
- C4. Design new methods, tools and ways of professional practice in the area of occupational health

d) General and Transferable Skills:

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

- D1. Present reports related to occupational problems in seminars effectively
- D2. Teach others and evaluate their performance in the area of occupational health.
- D3. Use of different sources for information and knowledge to help in Diagnosis and solving of prevalent occupational health problems.

Epidemiology of communicable and non communicable diseases module

a) Knowledge and understanding:

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

- A1. Describe the recent advances the spectrum of communicable diseases
- A2. Describe the recent advances of determinants of health on the individual, the family, and the community levels.
- A3. Describe the recent advances in public health surveillance system and its use in the community setting.
- A4. Explain the recent advances of different methods for prevention and control.
- A5. Define the recent advances of methods of prevention and control for each of communicable diseases
- A6. List risk factors relevant to selected non-communicable diseases.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose prevalent communicable and non communicable diseases in the community, using various epidemiological strategies and use it for titration and conclusion
- B2. Select the appropriate diagnostic tools to reach a final solving of the prevalent communicable and non communicable health problems in the community.
- B3. Conduct research studies that adds to knowledge to help in detection, control and prevention of communicable and non communicable health problems in the community.
- B4. Formulate scientific papers about researches of communicable and non communicable diseases.
- B5. Plan to improve performance in the field of prevention and control of communicable and non communicable diseases.

c) Professional and Practical Skills:





- C1. Master the recent advances of professional skills to help in detection, control and prevention of prevalent communicable and non communicable diseases.
- C2. Write and evaluate of medical reports about communicable and non communicable diseases.
- C3. Evaluate and develop methods and tools helping in prevention and control of communicable and non communicable diseases.
- C4. Evaluate different methods of diagnosis and management of communicable and non communicable problems.
- C5. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent communicable and non communicable problems and training junior staff.

d) General and Transferable Skills:

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

- D1. Present reports about communicable and non communicable diseases in seminars effectively
- D2. Use appropriate computer program packages to analyze data about communicable and non communicable diseases.
- D3. Use of different sources for information and knowledge to identify the recent advances of communicable and non communicable diseases.

Advanced course in specialty module

a) Knowledge and understanding:

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

- A1. Describe the recent advances in the specialty branch
- A2. Explain the detailed recent advances of different methods for prevention and control of diseases related to the specialty for example occupational health, nutrition, maternal and child health care ex....
- A3. List risk factors relevant to selected diseases related to the specialty branch.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose prevalent problems or diseases related to the specialty using various epidemiological strategies and use it for titration and conclusion
- B2. Select the appropriate diagnostic tools to reach a final solving of the prevalent problems or diseases related to the specialty in the community.
- B3. Conduct research studies that adds to knowledge to help in detection, control and prevention of prevalent problems or diseases related to the specialty in the community.
- B4. Formulate scientific papers about researches of prevalent problems or diseases related to the specialty.
- B5. Plan to improve performance in the field of prevention and control of prevalent problems or diseases related to the specialty

c) Professional and Practical Skills:

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

- C1. Master the recent advances of professional skills to help in detection, control and prevention of prevalent problems or diseases related to the specialty.
- C2. Write and evaluate of medical reports about prevalent problems or diseases related to the specialty
- C3. Evaluate and develop methods and tools helping in prevention and control of prevalent problems or diseases related to the specialty
- C4. Evaluate different methods of diagnosis and management prevalent problems or diseases related to the specialty
- C5. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent communicable and non communicable problems and training junior staff.

d) General and Transferable Skills:





- D1. Present reports about prevalent problems or diseases related to the specialty in seminars effectively
- D2. Use appropriate computer program packages to analyze data about of prevalent problems or diseases related to the specialty.
- D3. Use of different sources for information and knowledge to identify the recent advances of the specialty.

Primary Health Care module

a) Knowledge and understanding:

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

- A1. Define recent advances of patterns of care as preventive and curative, and describe the levels of preventive care.
- A2. Describe elements, component, principles, strategies and Instruments of Primary Health care.
- A3. Explain Indicators of Primary Health care.
- A4. Identify the Impact of Health sector reform on primary health care services and facilities
- A5. Identify quality of services in primary health care facilities.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose problems related to primary health care.
- B2. Select the appropriate diagnostic tools to reach a final solving of the problems in primary health care facilities
- B3. Conduct research studies that adds to knowledge in the area of primary health care
- B4. Assess risk in professional practices in the field of primary health care.
- B5. Plan to improve performance in the field of primary Health care.
- B6. Criticize researches related to primary Health care.

c) Professional and Practical Skills:

- By the end of the course, the student is expected to be able to:
- C1. Master the basic and modern professional skills in the area of primary health care.
- C2. Write and evaluate of reports about quality of primary health care services.
- C3. Evaluate and develop methods and tools existing in the area of primary health care.
- C4. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of problems of primary health care services

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge to Identify the recent advances of primary health care.

Health of vulnerable groups module

a) Knowledge and understanding:

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

- A1. Identify the Vulnerable groups in the community.
- A2. Describe the health needs for vulnerable group children and women in child bearing period
- A3. Describe the recent advances of the principle of school health.

b) Intellectual Skills

- B1. Collect and verify data from different sources and interpret data to diagnose health problems among vulnerable groups the community, using various epidemiological strategies and use it for titration and conclusion.
- B2. Select the appropriate diagnostic tools to reach a final solving of the prevalent health problems among vulnerable groups in the community
- b3. Conduct research studies that adds to knowledge in the area of vulnerable groups health needs.
- B4. Formulate scientific papers in the area of vulnerable groups health needs





- B5. Plan to improve performance in Facilities providing vulnerable groups Health services
- b6. Identify vulnerable groups health problems and find solutions
- b7. Innovate and create nontraditional solutions to common vulnerable groups health problems

c) Professional and Practical Skills:

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

- C1. Master the basic and modern professional skills in the area of vulnerable groups Health.
- C2. Evaluate and develop methods and tools serving in diagnosis and solving of vulnerable groups health problems.
- C3. Evaluate different methods of diagnosis and management of prevalent vulnerable group Health problems.
- C4. Design new methods, tools and ways of professional practice in facilities serving vulnerable groups.

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge to Identify the recent advances in the area of vulnerable groups Health.

Nutrition module

a) Knowledge and understanding:

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

- A1. Identify nutritional requirements especially in diseases situation(Therapeutic nutrition).
- A2. Describe the recent advances of sources of important nutrients.
- A3. Illustrate the nutritional status and the recent advances of prevention of malnutrition and the recent advances in nutritional status assessment.
- A4. Define Diet modifications in disease situation for different types of diseases.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose prevalent nutritional problems in the community, using various epidemiological strategies and use it for titration and conclusion
- b2. Select the recent advances of the appropriate diagnostic tools to reach a final solving of the prevalent nutritional health problems in the community
- b3. Conduct research studies that adds to knowledge in the field of nutrition
- b4. Formulate scientific papers in the area of nutrition and nutritional assessment. B5. Plan to improve performance in the field of nutritional assessment.
- B6. Identify nutritional health problems and the recent advances of available solutions.
- b7. Have the ability to innovate and create nontraditional solutions to prevalent nutritional health problems
- b8. Criticized researches related to nutrition.

c) Professional and Practical Skills:

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

- C1. Master the basic and modern professional skills in the area of nutrition.
- C2. Write and evaluate of medical reports about nutritional status assessment and nutritional problems.
- C3. Evaluate and develop methods and tools existing in the area of nutrition and nutritional assessments
- c4. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent nutritional problems and training junior staff

d) General and Transferable Skills:

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

D1. Use of different sources for information and knowledge of nutritional

assessment. Family medicine module





a) Knowledge and understanding:

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

A1. Identify principles, components and functions of family medicine and the impact of its implementation.

b) Intellectual Skills

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

- B1. Conduct research studies that adds to knowledge in the area of family medicine.
- B2. Formulate scientific papers in the area of family medicine.
- B3. Plan to improve performance in the field of family medicine
- B4. Criticize researches related to family medicine.

c) Professional and Practical Skills:

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

- C1. Master the basic and modern professional skills in the area of family medicine
- C2. Write and evaluate of reports related to family Medicine.
- C3. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent community problems and training junior staff
- C4. Design new methods, tools and ways of professional practice in the area of field medicine.

d) General and Transferable Skills:

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

- D1. Assess himself and identify his personal learning needs in the field of family medicine.
- D2. Use of different sources for information and knowledge to acquire data and skills in the area of family medicine.

Geriatrics module

a) Knowledge and understanding:

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

to:

- A1. Identify principles of Geriatric Health.
- A2. Identify common Health problems among geriatrics and the recent advances of prevention and control of such problems.
- A3. Identify different geriatric health care

programs

A4. Define the recent advances of life expectancy.

b) Intellectual Skills

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

- B1. Collect and verify data from different sources and interpret data to diagnose prevalent geriatrics health problems in the community, using various epidemiological strategies and use it for titration and conclusion.
- B2. Select the appropriate diagnostic tools to reach a final solving of the common geriatric health problems health problems in the community
- b3. Conduct research studies that adds to knowledge in the area of geriatric health.
- B4. Formulate scientific papers in the area of geriatric health.
- B5. Identify geriatric health problems and find solutions
- b6. Innovate and create nontraditional solutions to prevalent geriatrics health problems in the community

c) Professional and Practical Skills:

- C1. Master the basic and modern professional skills in the area of geriatrics.
- C2. Write and evaluate of medical reports which describe geriatric health problems c3. Evaluate and develop methods and tools existing in the area of geriatrics.
- C4. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent geriatric health problems and training junior staff





d) General and Transferable Skills:

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

D1. Present reports about geriatric health problems in seminars effectively

D2. Use of different sources for the recent advances of information and knowledge in the area of geriatric health.

3. Contents

Clinical Epidemiology module:

Topic	No. of hours	Lecture	Tutorial/Pr actical
Types of epidemiology		8	field
Epidemiologic curves		8	training
Approaches to clinical Epidemiology		8	(Community
Case scenarios		9	convoys).
Standardized case management		9	
Management of cases		9	
Recent advances of epidemiological diagnosis		9	
Total	180	60	120
Credit hours	8	4	4

Occupational Health module

Topic	No. of hours	Lecture	Tutorial/ Practical
Occupational Health Hazards		9	
Evaluation of Work risks and injuries		9	
Occupational diseases		9	Field training
Methods of prevention of occupational diseases		9	
Management of Work risks and injuries		8	The second secon
Occupational health services		8	
Percent of infirmity		8	
Total	180	60	120
Credit hours	8	4	4

Epidem

Topic	No. of hours	Lecture	Tutorial/ Practical
Recent advances of Prevention and control in the Community		10	Field observation &
Recent advances of epidemiology of selected communicable diseases		10	reporting Computer
Recent advances of risk factors of non-		10	search &/or
communicable diseases			Field
Recent advances of Bioterrorism		10	investigation

Total Credit hours	180	60	120
Recent advances of pulic health surveillance System		10	
Recent advances of Disasters Implication		10	

Advanced course in specialty

For example Advanced course in the specialty of administration.

Topic	No. of hours	Lecture	Tutorial/ Practical
Recent advances of: Detailed study of Planning: Steps of planning a health program Situation analysis Setting priorities Types of Obstacles and limitations		5	
Preparing the action plan Preparing the time table of activities			
Detailed study of Organizing: Departementation Primary departments The concept of authority Facilitating activities		5	Field observation & reporting Computer search &/or Field investigation
Structural arrangements			
Detailed study of Staffing, Directing		2	
Detailed study of Coordinating		2	
Detailed study of Budgeting		1	
Detailed study of Supervision Detailed study of Styles of supervision Motivation		5	
Delegation of authority		_	
Detailed study of Evaluation Measuring the resources Measuring efforts		5	
Measuring achievements	The state of the s		- A Designation of the designation of the control o
Detailed study of Time management		5	
Detailed study of Time management Detailed study of Conflict			
management Total	120	30	90
Credit hours	5	2	3





Primary health care module:

Topic	No. of Hours	Lecture	Tutorial/Pra ctical
Concept, Principles, Strategies of primary		8	
health care		8	Training in
Elements of primary health care	-1.	8	PHC units;
Indicators of primary health care		9	rural H. U.,
Quality in primary health care facilities		9	H. bureau
Drawbacks in applicability		9	
Rationale for reform		9	
Total	120	60	60
Credit hours	6	4	2

Health of vulnerable groups module

Topic	No. of Hour	Lecture	Tutorial/	
	S		Practical	
Infant and childrenhealth		10		
Adolescents health		10	Training	
Health of Pregnant and lactating		10	in PHC	
Rural health		10	units;	
Health of Athletics		10	rural H.	
Health of Handicapped		10	U., H.	
			Bureau	
Total	120	60	60	
Credit hours	6	4	2	

Nutrition module

Topic	No. of hours	Lecture	Tutorial/ Practical
Micronutrients		5	
Recent advances of prevention of malnutrition		5	
Recent advances in assessment of nutritional status of a community		5	
Therapeutic nutrition		5	
Obesity, recent advances of management		5	
Recent advances of food Safety and preservation		5	
Total	30	30	
Credit hours	2	2	





Family medicine module

Topic	No. of Hours	Lecture	Tutorial/ Practical
			Training in
Family medicine concept and rationale		5	FH
Duties of family medicine physician	7 3 -	5	units
Aspects of family care		5	Gen med.,
Management of family health problems		5	Surgical, Obs/Gyn, Pediatric,
Family medicine services		5	ENT, Ophth, radiology.
Family welfare		5	
Total	150	30	120
Credit hours	6	2	4

Geriatrics Module

Topic	No. of Hours	Lecture	Tutorial/ Practical
Aging process; theories, physiology, terminology		5	Training in Geriatric H
Geriatric H problems		5	care clinic
Risk approach for Geriatric H problems		5	
Care and welfare		5	
Preventive aspects		5	************************
Geriatric health program		3	
Life expectancy		2	
Total	90	30	60
Credit hours	4	2	2

4. Teaching and Learning Methods

- Lectures.
- field training (Community convoys).
- Computer search assignments

. Student Assessment Methods

Method of assessment	The assessed ILOs
- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
- Log book	- General transferable skills
-Written Exam: -Short essay: -structured questions: -MCQs: -Commentary, Problem solving:	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
-Structured Oral Exam	- Knowledge, Intellectual skills, General transferable skills
Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1.....Logbook.....

Assessment 2......Final written exam.....

Assessment 3......Final Structured Oral Exam





Assessment 4...... Attendance and absenteeism throughout the course, Field convoy's participation

Assessment 5 Computer search assignment performance throughout the course

Weighting of Assessments

Final written examination

separate exam

Rehab Garnal

Passing in written exam is a condition to attend the following exam

Final Structured Oral

Formative only assessments: simple research assignment, log book, attendance and absenteeism.

Facilities Required for Teaching and Learning:

. ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, good illumination, and safety & security tools.

. TEACHING TOOLS: including screens, computers including cd (rw), data shows, projectors, flip charts, white boards, video player, digital video camera, scanner, copier, color and laser

printers.

Course Coordinator: Dr/Rehab Gamal Mahdy

Head of Department: Prof/ Ahmed Møhamed Mahmoud Hany

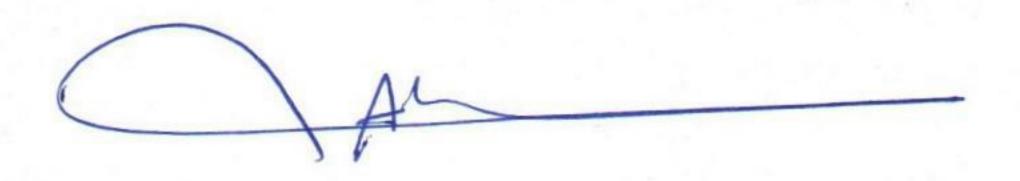




Matrices of Public Health and Community medicine MD Program

Program graduate attributes Vs NAQAEE graduate attributes

Program ILOs	Post graduate NARS
1- Demonstrate competency and mastery of basics, methods and tools of scientific research and clinical audit in Public health and community medicine.	1-إتقان أساسيات و منهجيات البحث العلمي
2- Have continuous ability to add knowledge new developments to Public health and community medicine through research and publication.	2-العمل المستمر علي الإضافة للمعارف في مجال التخصص
3- Appraise and utilise scientific knowledge to continuously update and improve clinical practice and relevant basic sciences.	3- تطبيق المنهج التحليلي والناقد للمعارف في مجال التخصص و المجالات ذات العلاقة
4- Acquire excellent level of medical knowledge in the basic biomedical, clinical, behavioural and clinical sciences, medical ethics and medical jurisprudence and apply such knowledge in health patient care and scientific.	4-دمج المعارف المتخصصة مع المعارف ذات العلاقة مستنبطا و مطورا للعلاقات البينية بينها
5- Function as a leader of a team to provide patient care that is appropriate, compassionate for dealing with effective and health Problems and health promotion. 7- Acquire an in depth understanding of common areas of speciality, from basic clinical care to evidence based clinical application, and possession of skills to manage independently all problems in these areas.	5-إظهار وعيا عميقا بالمشاكل الجارية و النظريات الحديثة في مجال التخصيص
6- Identify and create solutions for health problems in Public health and community medicine.	6-تحديد المشكلات المهنية و إيجاد حلولا مبتكرة لحلها

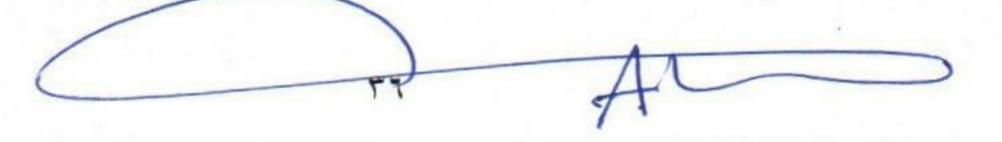






 5- Function as a leader of a team to provide patient care that is appropriate, effective and compassionate for dealing with health problems and health promotion. 7- Acquire an in depth understanding of common areas of Public health and community medicine, from basic clinical care to evidence based clinical application, and possession of skills to manage independently all problems in these areas. 	7-إتقان نطاقا واسعا من المهارات المهنية في مجال التخصص
 8 - Share in updating and improving clinical practice in Public health and community medicine. - Function as teacher in relation to colleagues, medical students and other health professions. 	8- التوجه نحو تطوير طرق و أدوات و أساليب جديدة للمزاولة المهنية
9- Use recent technologies to improve his practice in Public health and community medicine.	9-استخدام الوسائل التكنولوجية المناسبة بما يخدم ممارسته المهنية
 8- Demonstrate leadership competencies including interpersonal and communication skills that ensure effective information exchange with individual patients and their families and teamwork with other health professions, the scientific community and the public. 5- Function as a leader of a team to provide patient care that is appropriate, effective and compassionate for dealing with health problems and health promotion. 	10-التواصل بفاعلية و قيادة فريق عمل في سياقات مهنية مختلفة
10- Master decision making capabilities in different situations related to Public health and community medicine.	11-اتخاذ القرار في ظل المعلومات المتاحة
11- Show leadership responsiveness to the larger context of the health care system, including e.g. the organisation of health care, partnership with health care providers and managers, practice of cost-effective health care, health economics, and resource	طيف الموارد المتاحة بكفاءة و تنميتها والعمل على الموارد المتاحة بكفاءة و تنميتها والعمل على إيجاد موارد جديدة

O MAN







allocations.	
12- Demonstrate in depth awareness of public health and health policy issues including independent ability to improve health care, and identify and carryout system-based improvement of care.	13-الوعي بدوره في تنمية المجتمع والحفاظ على البيئة
13- Show model attitudes and professionalism.	14-التصرف بما يعكس الالتزام بالنزاهة و المصداقية و قواعد المهنة
 14- Demonstrate commitment for lifelong learning and maintenance of competence and ability for continuous medical education and learning in subsequent stages and in Public health and community medicine or one of its subspecialties. 15- Use recent technologies to improve his practice in Public health and community medicine. 	- الالتزام بالتنمية الذاتية المستمرة نقل علمه و خبراته للآخرين







II- Program ILOs Vs NAQAEE general standard references

1-

Program ILOs	NAQAAE General ARS for Postgraduate Programs
Knowledge and understanding	لمعرفه والفهم
2.1. A- Established, updated and evidence- based theories, basics and developments of Public health and community medicine and relevant sciences.	2-1-أ-النظريات و الأساسيات الحديث من المعارف في المجال التخصيص والمجالات التالعلاقة
2.1. B- Basic, methods and ethics of medicalresearch.	2-1-ب -أساسيات و منهجيات و أخلاقيات البحث العلمي و أدواته المختلفة
2.1. C- Ethical and medicologal principles of medical practice related to Public health and community medicine.	2-1-ج- المبادئ الأخلاقية و القانونية للممارسة المهنية في مجال التخصص
2.1. D- Principles and measurements of quality in Public health and community medicine.	2-1-دمبادئ و أساسيات الجودة في الممارسة المهنية في مجال التخصص
2.1. E- Principles and efforts for maintains and improvements of public health.	2-1-ه المعارف المتعلقة بآثار مارسته المهنية على البيئة وطرق تنمية البيئة وصيانتها







Intellectual function	المهارات الذهنية
2.2. A- Application of basic and other relevant science to solve Public health and community medicine related problems.	2-2-ا - تحليل و تقبيم المعلومات في مجال التخصص و القياس عليها و الاستنباط منها
2.2.B- Problem solving based on available data.	2-2ب حل المشاكل المتخصصة استنادا علي المعطيات المتاحه
2.2.C- Involvement in research studies related to Public health and community medicine	2-2-ج -إجراء دراسات بحثية تضيف الى المعارف
2.2. D- Writing scientific papers.	2-2-د-صياغة أوراق علمية
2.2. E- Risk evaluation in the related clinica practice.	2-2—هتقييم المخاطر في الممارسات المهنية
2.2.F- Planning for performance improvement in Public health and community medicine	طيطلتطوير الأداء في مجال التخصص
2-2-G- Creation and innovation in the Public health and community medicine.	2-2-ز- الابتكار /الإبداع
2.2. H- Evidence – based discussion.	2-2-ح- الحوار والنقاش المبني علي البراهين والأدلة







2.2.I- Discussion making in different situations related to Public health and community medicine.	رات المهنية في
Professional and practical skills	بازات الذهنيه
2-3-1-A- Provide extensive level of Public health that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. p.s. Extensive level means in-depth understanding from basic science to evidence – based clinical application and possession of skills to manage independently all problems in field of practice. 2-3-1-B- Provide extensive level of practical skills relevant to public health and community medicine for all common techniques and / or experiments.	-إتقان المهارات المهنية ية و الحديثة في مجال
 2-3- Clinical skills: 2-3-A- MD students must be able to provide extensive level of patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health extensive level means in depth understanding and from basic science to evidence – based clinical application and possession of skills to manage independently all problems in his field of practice. 2-3-B- Master patient care skills relevant to Public health and community medicine for patients with all diagnoses and procedures. 2/3/1/Prac cal skills (Pa ent care :) 2-3-1-A- Provide extensive level of Public health 	





effective for the treatment of health problems and the promotion of health. p.s. Extensive level means in-depth understanding from basic science to evidence – based clinical application and possession of skills to manage independently all problems in field of practice.

2-3-1-B- Provide extensive level of practical skills relevant to public health and community medicine for all common techniques and / or experiments.

2-3-1-C- Provide extensive level of practical skills for non – routine, laboratory skills and techniques and under increasingly difficult circumstances, while demonstrating compassionate, appropriate and effective care.

2-3-1-D- Perform diagnosis of the main health problems and prevention procedures considered essential in the field of Public health and community medicine

2-3-1-E- Handles unexpected problems, while demonstrating compassion and sensitivity to community needs and concerns.

2-3-1-F- Communicate effectively and demonstrate caring and respectful

behaviors when interacting with people in the Public health and community medicine related situations.

2-3-1-G- Gather essential and accurate information about people and community regarding Public health and community medicine related conditions.

2-3-1-H Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence and clinical judgment for the Public health and community medicine related conditions.

2-3-1-I- Develop and carry out health management plans for Public health and community medicine related conditions.

2-3-1-J- Counsel and educate people about Public health and community medicine related





conditions. 2-3-1-K- Use information technology to support control and prevention decisions and health education in all Public health and community medicine related clinical situations. 2-3-1-L- Perform competently all diagnostic and preventive procedures considered essential for the Public health and community medicine related conditions / area of practices. 2-3-1-M- Provide health care services aimed at preventing Public health and community medicine related health problems. 2-3-1-N- Lead health care professionals, including those from other disciplines, to provide patient-focused care in Public health and community medicine related conditions	2-3-ب- كتابة و تقييم التقارير المهنية.
charts and sheets including reports evaluating these charts and sheets.	
D- General and transferable skills	المهارات العلمه والمتنقله
2-3-2-A- Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of Public health and community medicine 2-3-2-B- Appraise scientific evidence. 2-3-2-C- Continuously improve patient care	2-3-ج -تقييم و تطوير الطرق و الأدوات القائمة في مجال التخصص



based on constant self-evaluation and life-long

learning.





2-3-2-D- Conduct epidemiological studies and surveys.

2-3-2-E. Participate in clinical audit and research projects.

2-3-2-F- Practice skills of evidence-based Medicine (EBM).

2-3-2-H- Design logbooks.

2-3-2-I- Design clinical guidelines and standard protocols of management
2-3-2-J- Appraise evidence from scientific studies related to the patients' health problems

. 2-3-2-K- Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.

2-3-2-L- Use information technology to manage information, access on- line medical information; for the important topics

د -استخدام الوسائل التكنولوجية بمايخدم الممارسة المهنية







2-3-2-G- Educate and evaluate students, residents and other health

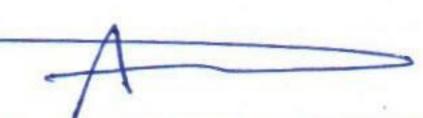
professionals.

- 2-3-2-M- Master interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals, including:-
- Present a case.
- Write a consultation note.
- Inform patients of a diagnosis and therapeutic plan Completing and maintaining comprehensive.
- Timely and legible medical records.
- Teamwork skills.
- 2-3-2-N- Create and sustain a therapeutic and ethically sound relationship with patients.
- 2-3-2-O- Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.
- 2-3-2-P- Work effectively with others as a member or leader of a health care

team or other professional group.

- 2-3-2-Q- Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.
- 2-3-2-R- Demonstrate a commitment to
- ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.
- 2-3-2-S- Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and
- Disabilities 2-3-2-T- Work effectively in health care delivery settings and systems related to Public health and
- community medicine including good administrative and time management.
- 2-3-2-U- Practice cost-effective health care and resource allocation that does not compromise quality of care.
- 2-3-2-V- Advocate for quality patient care and assist patients in dealing with system complexities.
- 2-3-2-W- Design, monitor and evaluate

-3-هـ -التخطيط لتطوير الممارسة المهنية وتنمية أداء المهنية وتنمية أداء الآخرين







specification of under and post

- graduate courses and programs.
 2-3-2-X- Act as a chair man for scientific meetings
- including time management 2-3-2-T- Work effectively in health care delivery settings and systems related to Public health and community medicine including good administrative and time management.

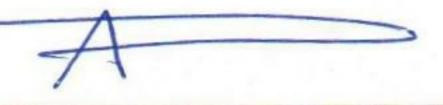






III- Program ILOs Versus Courses ILOs

	Courses	rses Program ILOs				
		A-Knowledge and understanding	B- Intellectual skills	C- Professional and Practical skills	D- General and Transferab e skills	
1	Applied Biostatistics and Computer use	2.1. B- Basic, methods and ethics of medical	. 2.2.C- Involvement in research studies related to Public health and community medicine 2.2. D- Writing scientific papers. 2.2. H- Evidence - based discussion.		2-3-2-B- Appraise scientific evidence. 2-3-2-I- Design clinical guidelines and standard protocols of management 2-3-2-J- Appraise evidence from scientific studies related to the patients' health Problems . 2-3-2-K- Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.	
2	Research methods for health services	2.1.B- Basic, methods and ethics of medical research.			2-3-2-B- Appraise scientific evidence. 2-3-2-D- Conduct epidemiologica	







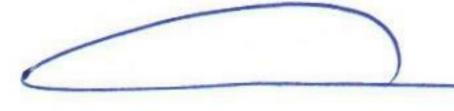
	Apriled to reference				September 1995
			health and		studies and
			community		surveys. 2-3-2-E.
			medicine	*	Participate in
			2.2. D- Writing		clinical audit
			scientific papers.		and research projects.
				III IX	2-3-2-I- Design
			2.2. H- Evidence		clinical
			- based		guidelines and standard
			discussion.		protocols of
					management
					2-3-2-J- Appraise
					evidence from
					scientific
					to the patients'
					health
					problems
3	Primary	2.1. C- Ethical and		. 2-3-1-D-	2-3-2-L- Use
	Medical	medicologal principles of medical practice	Evidence -	Perform	information
	Reports	related to Public health	The same of the sa	diagnosis of the	technology to
		and community medicine.	discussion.	main health	manage
				problems and	information,
				prevention	access on- line
				procedures	medical
				considered	information;
				essential in the	for the
				field of Public	important
				health and	topics
				community	
				medicine	
				2-3-1-H Make	
				informed	

a the state of the





decisions about diagnostic and therapeutic interventions based on patient information and preferences, upto-date scientific evidence and clinical judgment for the Public health and community medicine related conditions. 2-3-1-I- Develop and carry out health management plans for Public health and community medicine related conditions. 2-3-1-J-Counsel and educate people about Public









	المستحدث فيا الماسية				جامعه ونتوب الوامق
				health and community medicine related conditions.	
5	Administrati on Epidemiolog y Environment al health	2.1. A- Established, updated and evidence- based theories, basics and developments of Public health and community medicine and relevant sciences. 2.1. D- Principles and measurements of quality in Public health and community medicine.	evaluation in the related clinica practice. 2.2.F- Planning for performance	2-3-1-A- Provide extensive level of Public health that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. p.s. Extensive level means in-depth understanding from basic science to evidence — based clinical application and possession of skills to manage independently all problems in field of practice.	2-3-2-M- Master interpersona l and communicati on skills that result in the effective exchange of information and collaboratio n with patients, their families, and health professional s, including:- Presen t a case. Write a consultation







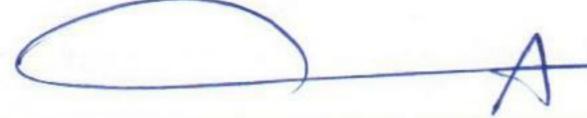


Admind to Consume			ر عادم حرات النواني
		2-3-1-B-	note.
		Provide	•
		extensive level	Infor
		of practical	m patients
		skills relevant to	of a
		public health	diagnosis
		and community	and
		medicine for all	therapeutic
		common	plan
		techniques and /	Completing
		or experiments.	and
			maintaining
			comprehensi
			ve.
			•
			Timel
			y and
			legible
			medical
			records.
			•
			Team
			work skills.
			2-3-2-N-
			Create and
			sustain a
			therapeutic
			and
			ethically
			sound





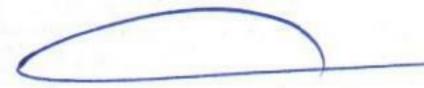
*				AND THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE PART	SIGNOPPINES
					relationship
					with
					patients.
					2-3-2-0-
					Elicit and
					provide
,					information
					using
					effective
					nonverbal,
					explanatory,
					questioning,
					and writing
5					skills.
					2-3-2-P-
					Work
					effectively
					with others
					as a member
					or leader of
,					a health care
					team or
					other
					professional
					group.
6	Mental	2.1. E- Principles and efforts for maintains		2-3-1-A-	. 2-3-2-K-
	health	and improvements of		Provide	Apply
,	Service Committee Committe	public health.	basic and	extensive level	knowledge
			other relevant	of Public health	of study
			science to	that is	designs and

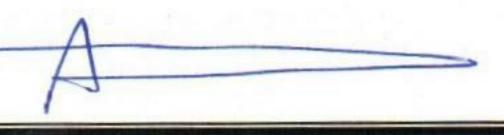






	And to the same				حاسد حود الوادي
			solve Public	compassionate,	statistical
			health and	appropriate, and	methods to
			community	effective for the	the appraisal
100			medicine	treatment of	of clinical
			related	health problems	studies.
			problems.	and the	2-3-2-L-
				promotion of	Use
				health. p.s.	information
				Extensive level	technology
				means in-depth	to manage
				understanding	information,
				from basic	access on-
				science to	line medical
				evidence –	information;
				based clinical	for the
**********	The property of the state of th			application and	important
				possession of	topics
				skills to manage	
				independently	
				all problems in	
				field of practice.	
7	Health	2.1. A- Established,	2.2. A-	Provide	2-3-2-K-
•	economics	updated and evidence- based	Application of	extensive level	Apply
		theories, basics	basic and	of Public health	knowledge
		and developments of Public	other relevant	that is	of study
		health and community	science to	compassionate,	designs and
		medicine and relevant sciences.	solve Public	appropriate, and	statistical
		2.1. B- Basic, methods	health and	effective for the	methods to
		and ethics of medical research.	community	treatment of	the appraisal
			medicine	health problems	of clinical







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	-				جامعه حتوب الوادل
			related	and the	studies.
			problems.	promotion of	2-3-2-L-
			2.2.B-	health. p.s.	Use
			Problem	Extensive level	information
			solving based	means in-depth	technology
			on available	understanding	to manage
			data.	from basic	information,
				science to	access on-
				evidence -	line medical
				based clinical	information;
				application and	for the
				possession of	important
				skills to manage	topics
				independently	
				all problems in	
				field of practice.	
				2-3-1-B-	
				Provide	The state of the s
				extensive level	
				of practical	
				skills relevant to	
				public health	
				and community	
				medicine for all	
				common	
				or experiments	
8	Health Laws	2.1. A- Established,	2.2.C-	2-3-1-A-	. 2-3-2-K-
	and ethics	updated and evidence- based	Involvement	Provide	Apply
		theories, basics	in research	extensive level	knowledge







	marine (a chamme)				حاسة جغرال الراق
Virgin W.		and developments of	studies related	of Public health	of study
		Public health and community	to Public	that is	designs and
		medicine	health and	compassionate,	statistical
		and relevant sciences.	community	appropriate, and	methods to
			medicine	effective for the	the appraisal
			2.2. D-	treatment of	of clinical
			Writing	health problems	studies.
			scientific	and the	2-3-2-L-
			papers.	promotion of	Use
				health. p.s.	information
				Extensive level	technology
				means in-depth	to manage
				understanding	information,
				from basic	access on-
				science to	line medical
				evidence –	information;
				based clinical	for the
				application and	important
				possession of	topics
				skills to manage	
				independently	
				all problems in	
				field of practice.	
9	Advanced	2.1. A- Established,	2.2. A-	2/3/1/Prac cal	2-3-2-A-
	public health	updated and	Application of	skills (Pa ent	Demonstrate
	and	evidence- based theories, basics	basic and	care:)	the
	community	and developments of	other relevant	2-3-1-A-	competency
	medicine	Public health and community	science to	Provide	of
		medicine	solve Public	extensive level	continuous
		and relevant sciences. 2.1. B- Basic, methods		of Public health	evaluation

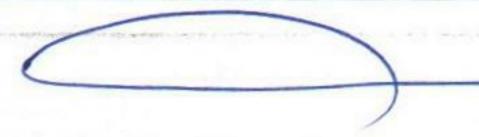
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			حابعة جنوب الوادق
and ethics of medical	community	that is	of different
research. 2.1. C- Ethical and	medicine	compassionate,	types of
medicologal principles	related	appropriate, and	care
of medical practice related to Public health	problems.	effective for the	provision to
and community	2.2.B-	treatment of	patients in
medicine. 2.1. D- Principles and	Problem	health problems	the different
measurements of	solving based	and the	area of
quality in Public health and community	on available	promotion of	Public
medicine.	data.	health. p.s.	health and
2.1. E- Principles and efforts for maintains	2.2.C-	Extensive level	community
and improvements of	Involvement	means in-depth	medicine
public health.	in research	understanding	2-3-2-B-
	studies related	from basic	Appraise
	to Public	science to	scientific
	health and	evidence -	evidence.
	community	based clinical	2-3-2-C-
	medicine	application and	Continuousl
	2.2. D-	possession of	y improve
	Writing	skills to manage	patient care
	scientific	independently	based on
	papers.	all problems in	constant
	2.2. E- Risk	field of practice.	self-
	evaluation in	2-3-1-B-	evaluation
	the related	Provide	and life-
	clinica	extensive level	long
	practice.	of practical	learning.
	2.2.F-	skills relevant to	2-3-2-D-
	Planning for	public health	Conduct
	performance	and community	epidemiolog
	improvement	medicine for all	ical studies



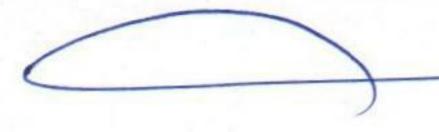


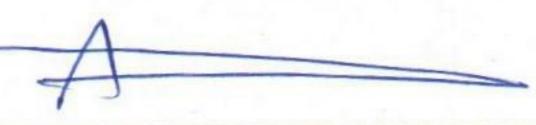


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			خامعه هنوب الوادق
	in Public	common	and surveys.
	health and	techniques and /	2-3-2-E.
	community	or experiments.	Participate
	medicine	2-3-1-C-	in clinical
	2-2-G-	Provide	audit and
	Creation and	extensive level	research
	innovation in	of practical	projects.
	the Public	skills for non –	2-3-2-F-
	health and	routine,	Practice
	community	laboratory skills	skills of
	medicine.	and techniques	evidence-
	2.2. H-	and under	based
	Evidence -	increasingly	Medicine
	based	difficult	(EBM).
	discussion.	circumstances,	2-3-2-H-
	2.2.I-	while	Design
	Discussion	demonst	logbooks.
	making in	rating	
	different	compassionate,	2-3-2-I-
r ma	situations		Design
	related to	appropri	clinical
	Public health	ate and effective	guidelines
	and	care.	and standard
	community	2-3-1-D-	protocols of
	medicine.	Perform	management
		diagnosis of the	2-3-2-J-
		main health	Appraise
		problems and	evidence
		prevention	from
		procedures	scientific





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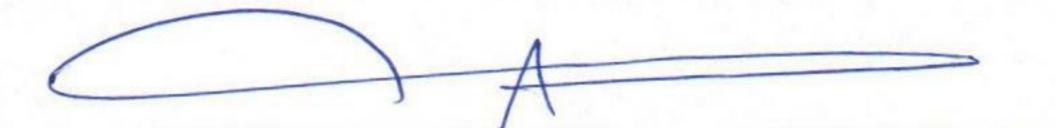


And to change		جنامعة جنوب الوافق
	considered	studies
	essential in the	related to
	field of Public	the patients'
	health and	health
	community	problems
	medicine	
		. 2-3-2-K-
	2-3-1-E-	Apply
	Handles	knowledge
	unexpected	of study
	problems, while	designs and
	demonstrating	statistical
	compassion and	methods to
	sensitivity to	the appraisal
	community	of clinical
	needs and	studies.
	concerns.	2-3-2-L-
	2-3-1-F-	Use
	Communicate	information
	effectively and	technology
	demonstrate	to manage
	caring and	information,
	respectful	access on-
	people in the	line medical
	Public health	information;
	and community	for the
	medicine related	important
	situations.	topics
	2-3-1-G- Gather	2-3-2-G-
	essential and	Educate and





		حباسه جنوب الوادي
	accurate	evaluate
	information	students,
	about people	residents
	and community	and other
	regarding Public	health
	health and	professional
	community	S.
	medicine related	2-3-2-M-
	conditions.	Master
	2-3-1-H Make	interpersona
	informed	1 and
	decisions about	communicati
a==-	diagnostic and	on skills
	therapeutic	that result in
	interventions	the effective
	based on patient	exchange of
	information and	information
	preferences, up-	and
	to- date	collaboratio
	scientific	n with
	evidence and	patients,
	clinical	their
	judgment for	families,
	the Public	and health
	health and	professional
	community	s,
e un on	medicine related	including:-
	conditions.	•
	behaviors when	Presen
	interacting	t a case.







	حاسه خترب الوادق
Withpeople in	• Write
the Public	a
health and	consultation
community	note.
medicine related	•
situations.	Infor
2-3-1-G- Gather	m patients
essential and	of a
accurate	diagnosis
information	and
about people	therapeutic
and community	plan
regarding Public	Completing
health and	and
community	maintaining
medicine related	comprehensi
conditions.	ve.
2-3-1-H Make	•
informed	Timel
decisions about	y and
diagnostic and	legible
therapeutic	medical
interventions	records.
based on patient	•
information and	Team
preferences, up-	work skills.
to- date	2-3-2-N-
scientific	Create and
evidence and	sustain a
clinical	therapeutic





استنمت فالنامه		حاسه حدود الوادق
	judgment for	and
	the Public	ethically
	health and	sound
	community	relationship
	medicine related	with
	conditions.	patients.
	2-3-1-I-	2-3-2-0-
	Develop and	Elicit and
	carry out health	provide
	management	information
	plans for Public	using
	health and	effective
	community	nonverbal,
	medicine related	explanatory,
	conditions.	questioning,
	2-3-1-J-	and writing
	Counsel and	skills.
	educate people	2-3-2-P-
	about Public	Work
	health and	effectively
	community	with others
	medicine related	as a member
	conditions.	or leader of
	2-3-1-K- Use	a health care
	information	team or
	technology to	other
	support control	professional
	and prevention	group.
	decisions	2-3-2-Q-
	and	Demonstrate





	خامه خون الوالق
health education	respect,
in all	compassion,
Public	and
health and	integrity; a
community	responsiven
medicine related	ess to the
clinical	needs of
situations.	patients and
2-3-1-L-	society.
Perform	2-3-2-R-
competently all	Demonstrate
diagnostic and	a
preventive	commitment
procedures	to
considered	ethical
essential for the	principles
Public health	including
and community	provision or
medicine related	withholding
conditions / area	of clinical
of practices.	care,
2-3-1-M-	confidentiali
Provide health	ty of patient
care services	information,
aimed at	informed
preventing	consent, and
Public health	business
and community	practices.
medicine related	2-3-2-S-
health	Demonstrate



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Cantal to claim		خامعة ختوب العامق
	problems.	sensitivity
	2-3-1-N- L	ead and
	health care	responsiven
	professiona	als, ess to
	including t	hose patients'
	from other	culture, age,
	disciplines	to gender, and
	provide par	ient- Disabilities
	focused car	re in 2-3-2-T-
	Public heal	th Work
	and commi	unity effectively
	medicine	in health
	related	care
	conditions	delivery
		settings and
		systems
		related to
		Public
		health and
		community
		medicine
		including
		good
		administrati
		ve and time
		management
		•
		2-3-2-U-
		Practice
		cost-





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that not compared to the compa	does fromise ty of
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qual 2-3-3 Adve for q patie and a patie deal syste comp 2-3-3	ty of
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for quatients and a patients deal system compared to the compa	2-V-
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and a patie deal system compared to the compar	uality
patie deal system comparison and comparison	nt care
deal system compared to the co	assist
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		chair man
		for
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		meetings
		including
		time
		management
		2-3-2-T-
		Work
		effectively
		in health
		care
	THE WITH STREET STREET, STREET	delivery
		settings and
		systems
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Course coordinator

Dr.Rehab Gamal Mahdy

Rehab Gamal

Head of department

Prof.dr.Ahmed Mohamed Mahmoud Hany