

Program Specification for Master Degree in Family Medicine

A. Basic Information

- B. Program title: Master Degree in Family Medicine Department
- C. Program type: Single
- D. Faculty: Faculty of Medicine
- E. Department: Family Medicine Department.
- F. Coordinator: Dr. Ahmed Fathy
- G. Ass. Coordinator : Ahmed Naser
- H. External evaluator: Prof: Taghreed Mohammad Farahat Professor of family medicine –Menoufia University
- I. Last date of program specifications approval: Faculty council No. "317", decree No. "1533" dated 17/12/2018.

I. Aim of the Program

The aim of this program is to develop competent family physicians capable of providing high quality patient-centered comprehensive medical care, covering the biopsychosocial aspect of their patients based on the best available medical evidence. Our trainees will learn to work in teams both as members and as leaders. They will share in community focused research and will be committed to life-long learning. They will also learn to apply appropriate ethical and professional standards in their day to day practice and in their relationships with their patients and colleagues.

II. Intended Learning Outcomes of the Program (ILOs)

A. Knowledge and Understanding: By the end of the program the candidates should be able to:

- 1) Define health, health spectrum and factors affecting health.
- 2) Identify the role of the family physician in providing comprehensive healthcare.
- 3) Identify health needs and problems according to the human life cycle.
- 4) Identify the etiology, clinical manifestations, differential diagnosis, prevention and management of the common, important and emergency medical conditions affecting all age groups in the Egyptian population according to the best available evidence.



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- 2) Identify the role of the family physician in providing comprehensive healthcare.
- 3) Identify health needs and problems according to the human life cycle.
- 4) Identify the etiology, clinical manifestations, differential diagnosis, prevention and management of the common, important and emergency medical conditions affecting all age groups in the Egyptian population according to the best available evidence.

- 5) Define epidemiological needs of the community
- 6) Identify the basics of clinical epidemiology.
- 7) Identify how the health care delivery system in Egypt operates as well as the medico legal legislations in Egypt.
- 8) Identify the uses, effects, side effects and drug interactions of common drugs in adults, pediatrics, geriatrics, and patients with liver or kidney diseases, pregnant and lactating females (essential drug list).
- 9) Identify the principles of medical ethics that guide the doctor-patient and the doctor-doctor relationships at the different levels of health care services.
- 10) List the basis of research, critical appraisal of researches and evidence based medicine.
- 11) Identify the etiology, clinical manifestations, differential diagnosis and management of the common drug and substance abuse problems as well as the management of their withdrawal symptoms.

B. Intellectual Skills: By the end of the program the candidates should be able to:

- 1) Integrate the information gathered from medical records, history, clinical examination and investigation to reach a proper diagnosis or a differential diagnosis.
- 2) Appraise research articles critically.
- 3) Interpret statistical results efficiently and apply the results in performance improvement.
- 4) Manage resources effectively (including time).
- 5) Conduct community needs assessments.

C. Professional and Practical Skills: By the end of the program the candidates should be able to:

- 1) Apply proper consultation through; medical records, history taking, clinical examination and selection of the proper investigations according to the human life cycle to develop an appropriate patient centered management plan.
- 2) Provide appropriate counseling in health and disease.
- 3) Manage acute emergency cases initially, perform fundamental life support measures when indicated and perform proper referral.
- 4) Perform routine procedures needed in family practice.
- 5) Use drugs appropriately in a cost effective manner.
- 6) Demonstrate the ability to communicate in multiple modalities with patients, their

families, other healthcare providers and administrators.

- 7) Use the different models for behavioral modification and change for lifestyle modification.
- 8) Initiate, utilize and audit medical records to insure appropriateness of continuity of care.
- 9) Implement evidence based medicine and guidelines in the everyday practice.
- 10) Apply a coordinated referral system.

D. General and Transferable Skills: By the end of the program the candidates should be able to:

- 1) Apply comprehensive care through a biopsychosocial approach.
- 2) Recognize self limitations with regards to practice and seek consultation with other healthcare providers to provide optimal care for his clients.
- 3) Apply a safe medical practice through early recognition, reporting and correction of medical errors.
- 4) Show appropriate application of client's right with his clients including empathy, respect for their dignity, their privacy and their rights and equity of care among them.
- 5) Demonstrate the capacity to communicate effectively and maintain honesty and integrity in all interactions with his clients, their families and his colleagues.
- 6) Work effectively in a team either as a member or as a leader who can educate, motivate, supervise and lead other health workers in health promotion, disease prevention and management of diseases.
- 7) Practice continuous professional development.

III. Academic standards

Sohag faculty of medicine adopted the general National Academic Reference Standards (NARS) provided by the national authority for quality assurance and accreditation of education (naqaae) for postgraduate programs. This was approved by the Faculty Council decree N0.6854, in its session N0.177 Dated: 18/5/2009. Based on these NARS; Academic Reference Standards (ARS) were suggested for this program. These ARS were approved by Faculty Council decree N0.7528, in its session N0.191, dated: 15/3/2010.

IV. Program Admission Requirements

I. General Requirements:

1. Candidate should have either:
 - i. MBBch degree from any Egyptian Faculty of Medicine or
 - ii. Equivalent Degree from Medical Schools abroad approved by the ministry of high Education.

2. Candidate should pass the house office training year.
3. Those who are not university hospital residents should pass training for at least 12 months in one of the known hospitals.
4. Follow postgraduate bylaw Regulatory rules of Sohag Faculty of Medicine approved by the ministerial decree no. (44), dated 6/1/2010.

II. Specific Requirements:

- Candidates graduated from Egyptian Universities should have at least “Good Rank” in their final year/ cumulative year's examination, grade “Good Rank” in Public Health and Community Medicine course too.
- Candidates should know how to speak and write English well.
- Candidates should have computer skills.

V. Program Structure and Contents

V. Program Structure and Contents

Program duration: Three years.

Program structure: as shown in the table

Subject	No. of hours		
	Lectures	Practical	Credit hours
1) First Part:			
Family medicine	15	30	2
behavioral science and Psychology	15	30	2
Occupational health , forensic medicine and toxicology	22		1.5
General surgery	7.5	30	1.5
Emergency medicine and traumatology		30	1
Ophthalmology		30	1
ENT		30	1
Clinical pharmacology & Health economics	15		1
Complementary courses	15	30	2
Biostatistics and computer	-	30	1
2) Second part			
Psychiatry	15	45	2.5
Internal medicine	30	60	4
Pediatrics	30	60	4
Gynecology and obstetrics	52.5	60	5.0
General surgery and other branches	30	60	4

Dermatology and andrology	7.5	15	1
Community medicine	7.5		0.5
Medical investigations (radiography , lab and endoscopy)		15	1
Field and clinical activities (applied in the log book)		90	3
3. Master Thesis			
	30	120	6

Residency Training Program

Phase 1 Training:

All the candidates should have clinical training for 18 months. In this training phase the residents will rotate in the internal medicine, the pediatrics, the emergency and the family medicine departments. During this period the students will attend the compulsory first part courses and they will also complete the elective courses.

Phase 2 Training:

All candidates should have clinical training for 18 months. In this training phase the residents will rotate in the Gynecology & Obstetrics department, the surgery clinic, the dermatology clinic, the psychiatry clinics, the ENT clinic, the ophthalmology clinic, the family medicine department and the emergency departments. During this period the students will attend the compulsory courses of the second part and will participate in the scientific activities of the department.

Master Thesis:

All master degree students should prepare a thesis in family medicine. The research and ethical committee of the department must approve the protocol of the research. The thesis may include a review part and a research part. The thesis is supervised by one or more senior staff members and may include other specialties according to the nature of the research. The thesis should be evaluated and approved by a committee of three professors including one of the supervisors and an external professor.

Scientific Activities:

The candidates should participate in the scientific activities of the departments such as:

- Seminars.
- Journal clubs.
- Scientific meetings.
- Workshops.
- Conferences.
- Thesis discussions.

Each activity is monitored and given credit points registered in a special section in the logbook. Candidates should collect the required points before allowed to sit for final exam.

VI. Regulations for progression and program completion

Duration of program is 47 credit hours (≥ 4 semesters ≥ 3 years), starting from registration till 2nd part exam; divided to:

First Part: (14 Credit hours ≥ 6 months' ≥ 1 semester):

- 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.
- At least 50% of the written exam 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 for the next time only, and if re-fail, should register for the course from the start.

Thesis/Essay (6 Credit hours ≥ 6 months=1 semester):

- Completion of the 1st part credit hours and passing the exams are pre requisites for documentation of the **Thesis/Essay** subject.
- Should be completed, defended and accepted after passing the 1st part examination, and at least one month before allowing to enter 2nd part final examination.
- Accepting the thesis is enough to pass this part.

Second Part: (24 Credit hours ≥ 18 months= 3 semesters):

- Completion of the 1st part credit hours and passing the exams are pre requisites for documentation of the 2nd part courses.
- After passing at least:
 - Practical training: 12 months residency in the department of Family Medicine.
- The students should pass the 1st part before asking for examination in the 2nd part.
- Fulfillment of the requirements in each course as described in the template and registered in the log book is a prerequisite for candidates to be assessed and undertake part 1 and part 2 examinations.

- Two sets of exams: 1st in October - 2nd in April.
- At least 50% of the written exam is needed to pass in each course.
- For the student to pass the 2nd part exam, a score of at least 60% (Level D) in each course is needed.

VII. Methods of student assessments:

Method of assessment	weight	The assessed ILOs
1-Activities		- General transferable skills, intellectual skills
2-Written Exams: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	50%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills
3-OSCE/ OSPE	50%	-Practical skills, intellectual skills, general transferable skills
4-Structured Oral Exams		- Knowledge, Intellectual skills, General transferable skills

Assessment schedule:

First Part Final Exam:

- Family medicine: Written Exam (3 hours) + structured oral Exam + clinical exam
- psychology and behavioral science: Written Exam (3 hours) + structured oral Exam
- Immunology, genetics and clinical pharmacology and pharmacoconomics: Written Exam (3 hours) + structured oral Exam
- Medical investigations: Written Exam (3 hours) + structured oral Exam + clinical exam

Second Part Final Exam:

Forensic medicine and toxicology and occupational health: Written Exam (3 hours) + structured oral Exam + clinical exam

Psychiatry: Written Exams (3 hours) + structured oral Exam + clinical exam

Internal medicine and its branches: Written Exam (3 hours) + structured oral Exam + clinical exam

Pediatrics: Written Exam (3 hours) + structured oral Exam + clinical exam

General surgery and traumatology: Written Exam (3 hours) + structured oral Exam + clinical exam

Gynecology and obstetrics: Written Exam (3 hours) + structured oral Exam + clinical exam

Family medicine and diagnostic investigations: 2 Written Exam (3 hours) + structured oral Exam + clinical exam

VIII. Evaluation

Evaluator	Tool	Sample
1. Senior Students	Questionnaire at the end of the Program	Sample of the postgraduate students
2. External Evaluators Attend the final exam.	Review the program and courses	Annual report

1. Program on which the course is given: Masterdegree in Family medicine
2. Major or Minor element of programs: Minor
3. Department offering the program: public health and community medicine
4. Department offering the course: Family medicine
5. Academic year / Level; 1st part
6. Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

A. Basic Information

Title: Course Specifications of Biostatistics and computer in Master degree in Family medicine.

Code: 0513-300

Total hours

Lecture	Practical	total	Credit hours
0	30	30	1

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 Family Medicine through providing:

1. To influence the students to adopt an analytical thinking for evidence based medicine.
2. 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. 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

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

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

d) 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.

3. Contents

Topic	No. of hours
Recent advances in collection, analysis and interpretation of data	4
Measures of central tendency and dispersion	3
Chi-square test	2
Student T test	2
Paired T test	2
-Correlation	2
-Regression	2
-ANOVA test	2
- parametric and non parametric tests	3
Factor analysis	3
-Tests of significance	2
Computer application	3
Total	30
Credit Hours	1

4. Teaching and Learning Methods

- 4.1- Lectures
 4.2- Practical sessions
 4.3- Computer search assignments
 4.4- Computer application

5. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25%	- Knowledge - Knowledge
	12

-MCQs: 20%	- Knowledge, intellectual skills
-Commentary, Problem solving: 15%	- Intellectual skills, General transferable skills,
5.3-Structured Oral Exam	- Intellectual skills, Knowledge, General transferable skills
5.4 OSPE	-Practical skills intellectual skills
5.5Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1.....Final written exam	Week: 24
Assessment 2.....Final Structured Oral Exam	Week: 24
Assessment 3 OSPE	Week: 24
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 %

Formativeonly assessments: attendance and absenteeism and Computer search assignments performance.

6. List of References

6.1- Course Notes

6.2- Essential Books (Text Books)

6.3- WWW. CDC and WHO sites

7. 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/Ahmed Fathy Hamed

Head of Department: Dr/Eman Abd El-Baset Mohammed

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013, **Revised:**1/12/2018

Course Specification of Occupational health, Forensic Medicine & Toxicology for Master Degree in Family Medicine

Sohag University

Faculty of Medicine

1. Program Title: Master Degree in Family Medicine
2. Minor element of program
3. Department offering the program: Family Medicine
4. Department offering the course: Forensic Medicine & Toxicology.
5. Academic Year/level: 2nd part
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018

Basic Information

Title: Course Specification Occupational health, Forensic Medicine & Toxicology for Master Degree in Family Medicine

Code: 0509-100

Credit	Total	Practical	Lecture	Title
1.5	22	----	22	Occupational health Forensic Medicine & Toxicology

A. Professional Information

1. Overall Aims of Course

The aim of the course is to:

- Provide ability to diagnose and manage intoxicated patients especially 1st aid and general lines of treatment.
- Provide background of different medico-legal aspects of living and dead individuals

2. Intended Learning Outcomes of Course (ILOs).

a. Knowledge and Understanding:

By the end of the course, students should be able to:

- a1- Describe different medico-legal aspects of living and dead individuals regarding personal identification, diagnosis of death, causes and manner of death, and differentiation between types of wounds and patterns in different areas and their complications.
- a2- Explain medicolegal (ML) aspects of different cases of sexual offences.
- a3- Explain maternal morbidity and mortality from ML point of view.
- a4- Explain various medicolegal aspects of malpractice.
- a5- Describe basic background of medical ethics.
- a6- Explain different types of physical injuries.
- a7- List different classes of common toxic substances and environmental pollutants.
- a8- Explain the circumstances of intoxication, toxic doses, toxicokinetics clinical picture, differential diagnosis of different drugs and toxic substances in relation to most common poisons.
- a9- Explain initial appropriate first aid treatment and antidotal measures for different drugs and toxic substances.

b- Intellectual Skills

By the end of the course, students should be able to:

- b1- Recognize common ethical dilemmas and suggest a proper solution.
 b2- Analyze case scenario of clinical forensic medicine and recognize their medico-legal aspects.
 b3- Analyze different problems of malpractice.
 b4- Analyze case scenario of intoxicated

c- Professional and Practical Skills

By the end of the course, students should be able to start their upcoming clinical training by:

- c1- Identify living and dead individuals.
 c2- Diagnose death by different clinical and investigatory methods.
 c3- Determine time of death through assessment of post mortem changes and interval.
 c4- Identify different causes of death and manner of death as well.
 c5- Examine different wounds and injuries and write a proper primary wound report.
 c6- Make preliminary tests for blood grouping and toxicological screen.

d- General and Transferable Skills

By the end of the course, students should be able to:

- d1-Recognize the legal aspects and moral commitments of medical practice
 d2- By the end of the course the student should be able to deal with cases (live or dead) in careful and respectful manner, according to medical ethics.
 d3- Also the student must be acclimatized to be one of the team work and good relationship with his staff and colleagues

3. Course contents

Clinical	Lectures	Total No. of hours	TOPIC
----	1. Forensic medicine		
	1	1	<ul style="list-style-type: none"> • Identification (of living and deceased)
	1	1	<ul style="list-style-type: none"> • Death (Manner of death, Medico-legal aspects of brain death, death under anesthesia)
	1	1	<ul style="list-style-type: none"> • Medico-legal aspects of sudden death.
	2	2	<ul style="list-style-type: none"> • Medico-legal, aspects of wounds (fire arm injuries, head injuries, thermal injuries, and electric burn injuries of other parts of the body)
	1	1	<ul style="list-style-type: none"> • Medico-legal, aspects of abortion
	2- Toxicology		
	1	1	Focused clinical examination of a poisoned patient
	2	2	Management of an intoxicated patient
	1	1	Household intoxication (corrosive, insecticides, bleaching substances)
	1	1	Inhalants (CO, CO ₂ , cyanide)
	3	3	Medical toxicology (CMS depressants and stimulants, analgesics antipyretics opiates and anticholinergic and cardiovascular drugs

	2	2	Substances of abuse
3.Occupational Health			
--	2	2	Occupational Health Hazards
	2	2	Occupational diseases
	1	1	Methods of prevention of occupational diseases
	1	1	Occupational health services
	22	22	Total

4- Teaching and Learning Methods:

- **Lectures and interactive learning**
- **Place of learning:**

- a) Family medicine department
- b) Forensic Medicine & Toxicology department

5- Student Assessment :

5a- Assessment Tools:

- Log book
- Written test of knowledge:

5b- Assessment Schedule:

- 1: written examination :week 24
- 2: Assessment of attendance & absenteeism throughout the course

5c-Weighing of Assesment Log book..... Formative Exam

Final-term written examination	100%
Total	100%

- List of Text books and ferences :

1. Forensic medicine encyclopedia.
- 2- Forensic pathology of DeMayo.
- 3- Principles of clinical toxicology.
- 4- Emergency toxicology.
- 5- Forensic pathology of B. knight.
- 6- Pit falls of toxicology of Olson.

7-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, safety & Security tools.

2- Teaching Tools: including screens, Computer including cd(rw), data shows, Projectors, flip charts, white board, video player, digital video camera, Scanner, copier, colour and laser printers.

3- Computer Program: for designing and evaluating MCQs

Coordinator.

Head of Department

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018,

Course Specifications of Behavioral science for Master degree in Family Medicine

Sohag university

Faculty of Medicine

A. Basic Information

1. Program on which the course is given: Master degree in Family Medicine
2. Major or Minor element of programs: Minor
3. Department offering the program: Family Medicine
4. Department offering the course: public health and community medicine
5. Academic year / Level; 1st part
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018

Program title:Behavioral science.

Code: COM.-0506-100

Total hours:

Credit hours	total	Practical	Lecture
2	45	30	15

B. Professional Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the medical knowledge and skills essential for practice of specialty and necessary to gain further training and practice through providing:

1. Recent scientific knowledge 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:

- a.1. Identify behavioral and social variables impacting health and disease.
- a.2. Identify methods for monitoring the quality of healthful behavior.
- a.3. Identify the nature, health effects, and sources of behavioral risks on the individuals.
- a.4. Identify prevalent behavioral aspects correlated with health problems in a community, using various epidemiological strategies.

b) Intellectual Skills

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

- b.1. Conduct health behavior theories to different community health problems.
- b.2. Conduct behavioral prevention and control measures to identified priority communicable and non-communicable diseases.

c) Professional and Practical Skills:

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

c.1. Perform community diagnosis for health problems and behavioral aspects related to these problems in the locality.

c.2. Diagnose the behavioral aspects of an epidemic of infectious or non infectious diseases among the community.

d) General and Transferable Skills:

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

d.1. communicate effectively by all types of effective communication.

d.2. Assess himself and identify personal learning needs.

d.3. Work in a team, and learn How to communicate with others in the team.

3. Contents

Tutorial/Practical	Lecture	No. of hours	Topic
-	1		behavior: - Terminology and interpretations
3	2		- Impact of tradition, believes, values, taboos and behaviors on disease occurrence
4	2		- Islam pillars effect on behavior
4	2		- Examples of behavioral diseases and its prevention
4	2		- Case studies
3	2		- Risky behaviors; smoking and drug abuse
4	1		- Communication skills
4	2		- Health education
4	1		-Behavioral risk factors of non- communicable diseases
30	15	45	Total
1	1	2	Credit hours

4. Teaching and Learning Methods

4.1- Lectures

4.2- Computer search assignments

4.3- Roll plays

5. Student Assessment Methods

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

5.2-Written Exam: -MCQs: 85% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule

Assessment 1.....Final written exam.....week: 24

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

Weighting of Assessments

Final written examination	100%
Total	100 %

6.

List of References

6.1- Course Notes

Lecture notes prepared by the staff members in the department

6.2- Essential Books (Text Books)

1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.

6.3- Recommended Books

1- Dimensions of Community Health, Boston Burr Ridge Dubuque.

2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc.

3- Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.

7. 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, colour and laser printers.

3- COMPUTER PROGRAM: for designing and evaluating MCQs

Course Coordinator: Dr/Nagaah Mohammed Abo-Elfotth

Head of Department: Dr/Eman Abd El-Baset Mohammed

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018,

Course Specification of Psychiatry in Master Degree in family medicine

Sohag University Faculty of Medicine

1. Programme(s) on which the course is given: Master degree in family medicine
2. Major or Minor element of programmes: Minor
3. Department offering the programme: Department of family medicine.
4. Department offering the course: Department of Neurology and Psychiatry.
5. Academic year / Level: 2nd part.
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018.

P

A- Basic Information

Title: Course Specification of Psychiatry for Master degree in Family medicine

Code: PSY0518-300

total	Clinical	lecture	Title
60	45	15	Psychiatry

B- Professional Information

1. Overall Aims of Course

Upon successful completion of this course, the graduates should be able to

1. verify psychiatric symptoms and apply the obtained data in verifying abnormalities in human behaviors, thinking and emotional responses occurring in various psychiatric disorders and referral to a consultant.

2. Intended Learning Outcomes of Course (ILOs)

a) Knowledge and Understanding:

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

- a1. Enumerate body organs and substructures involved with or contribute to normal and abnormal neuropsychological functions.
- a2. List physiological functions and pathological changes related to behavioral and psychiatric science.
- a3. Describe the updated biological views in various psychiatric disorders.
- a4. Mention the known and updated international classifications of psychiatric disorders.
- a5. Mention the known and recent theories and factors explaining the etiology in various psychiatric disorders.
- a6. Describe the basic diagnostic criteria in psychiatric disorders.
- a7. List the common differential diagnosis in various psychiatric disorders.
- a8. Mention the common and updated interventional therapeutic methods in handling psychiatric emergencies and psychiatric disorders.
- a9. Explain the rational underlying various methods of treatment in psychiatric disorders.
- a10. Mention the known good & bad prognostic factors in common psychiatric disorders.
- a11. Illustrate basics and updated knowledge associated with various topics in psychiatry and related sciences (psychology of ;emotion, perception, thinking, memory...ect)

b) Intellectual Skills

By the end of the program, The graduate should be able to:

- b1. Analyze symptoms & signs of psychiatric abnormalities
- b2. Interpret data acquired through history taking to reach a provisional diagnosis in Psychiatry
- b3. Suggest a differential diagnosis to obtained clinical psychiatric symptoms/signs.
- b4. Select from different diagnostic alternatives the ones that help reaching a final diagnosis for the psychiatric problem.

c) Professional and Practical Skills

By the end of the program, The graduate should be able to:

- c1. Mastery of the basic and modern professional clinical skills in the area of psychiatry.
- c2. Write a professional and competent psychiatric reports.
- c3. Evaluate & professionally judge and criticize Psychiatric reports.
- c4. Evaluate and develop methods and tools existing in the area of psychiatry
- c5. Perform different therapeutic tools in psychiatry (e.g ECT, psychotherapy, ..ECT.).
- c6. Train/teach junior staff through continuous medical education programs on psychiatry and related fields.
- c7. Design new methods, tools and ways of professional practice.

d) General and Transferable Skills

By the end of the program, The graduate should be able to:

- d1. Present reports in seminars effectively
- d2. Use appropriate computer program package to collect ,write and present data.
- d3. Teach others and evaluate their performance in various psychiatric fields
- d4. Assess himself and identify his personal learning needs.
- d5. Use 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.

3. Contents

Clinical	Lectures	Total	Topic
7	2	9	<u>Assessment of psychiatric cases</u> (Methods and tools of investigation).
6	2	8	Mental retardation
			Learning disorders
			<u>Cognitive disorders</u>
			Dementia
6	3	9	<u>Schizophrenia and related disorders</u>
			Schizophrenia
			Schizoaffective disorder
6	2	8	Delusional disorder
			<u>10. Mood disorders</u>
			a. Depressive disorders
			b. Major depressive disorder
			c. Dysthymic disorder
			d. Bipolar disorders (BPD)
5	3	8	<u>11. Anxiety disorders</u>
			a. Panic disorder

			e. Phobia
			f. Social phobia
			g. Specific phobia
			h. Obsessive compulsive disorder
			j. Post-traumatic stress disorder
			k. Acute stress disorder
			l. Generalized anxiety disorder
5	1	6	<u>13. Somatoform disorders</u>
			a. Somatization disorder
			d. Pain disorder
			e. Hypochondriasis
5	1	6	<u>17. Eating disorders</u>
			a. Anorexia nervosa
			b. Bulimia nervosa
5	1	6	<u>20. Personality disorders</u>
45	15	60	<u>Total</u>

4. Teaching and Learning Methods

1. lectures
2. discussing seminars
3. clinical rounds with practical supervised history taking
4. case studies
5. talk preparation and presentation
6. psychiatric periodical research

5. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2- Log book	- General transferable skills
5.3-Written Exam: -Short essay: 40% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

5.4-Structured Oral Exam	- Knowledge, Intellectual skills, General transferable skills
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Assessments schedule:

Assessment 1.... log book (formative exam). week :80

Assessment 2.....Final written exam week :96

Assessment 3 ... Final Structured Oral Exam week: 96

Weighting of Assessments

Final-written Examination 70%

Final Structured Oral Exam 30%

Total 100%

6. List of References

6.1- Essential Books (Text Books)

1. Kaplan & Sadock's Comprehensive Textbook of Psychiatry
Edition: 9th edition (2009)
Pages: 4884 pages
2. New Oxford Textbook of Psychiatry
Source: OxfordUniversity Press (OUP)
Edition: 2nd
Year: 2009
Pages: 1952

6.2- Recommended Books

1. Diagnostic and Statistical Manual of Mental Disorders DSM-IV-TR Fourth Edition (Text Revision)
Paperback: 943 pages
Publisher: American Psychiatric Publishing, Inc.; 4th edition (June 2000)
2. The ICD-10 Classification of Mental and Behavioural Disorders: Diagnostic Criteria for Research
Paperback: 261 pages
Publisher: World Health Organization (November 1993)
3. The Maudsley Prescribing Guidelines, Tenth Edition
Paperback: 544 pages
Publisher: Informa Healthcare; 10 edition (October 30, 2009)
4. Lishman's Organic Psychiatry
Hardcover: 948 pages
Publisher: Wiley-Blackwell; 4 edition (August 10, 2009)

7. Facilities Required for Teaching and Learning

1. ADEQUATE INFRASTRUCTURE: including teaching places (teaching class, teaching halls), 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, colour and laser printers.
3. COMPUTER PROGRAM: for designing and evaluating MCQs

Course Coordinator:Prof. / Hemid Mostafa Azab

Head of Department:Prof. Ghareeb Fawy Mohamed **24**

Course Specifications of General surgery and other branches in Master degree in Family medicine

Faculty of Medicine

Sohag University

1. Programme(s) on which the course is given: Master degree in family medicine
2. Major or Minor element of programmes: Major
3. Department offering the programme: Department of general surgery.
4. Department offering the course: Department of family medicine.
5. Academic year / Level: 1st & 2nd part.
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018.

A. Basic Information

Title: Course Specification of general surgery for Master degree in Family medicine

Code: GEN0523-300

Credit hour

Credit	Total	Practical	Lecture	Title
5.5	127.5	90	37.5	general surgery & others

B. Professional Information

1. Aim of the Course:

- To provide the student with the appropriate knowledge, and skills, which enable him/her to obtain a detailed history from patients with surgical problems, to carry out a proper clinical examination, and to define the appropriate management plan?
- To provide the student with the knowledge and skills needed for initial management of various surgical emergencies, and polytraumatized patient.
- To provide the student with an appropriate background covering various general surgical, vascular, urologic, orthopedic, cardiothoracic, and neurosurgical problems at various age groups.

2. Knowledge and Understanding:

On successful completion of the course, the student should be able to:

- a1. Describe the surgical anatomy of important regions, organs and structures of the body.
- a2. Describe the etiology, pathogenesis and pathology of important and/ or common surgical diseases.
- a3. Discuss the clinical manifestations, complications, diagnostic modalities, outcome and management plans for common and/or important surgical problems, with special emphasis on emergencies and malignancies.
- a4. Explain the methods of screening and early detection of cancer.
- a5. Recognize the ethical principles that govern decision-making in surgical practice.
- a6. Discuss the principles and practice of preoperative preparation and postoperative care.
- a7. Identify the surgical instruments and their uses, and the different types of catheters, suture materials and meshes
- a8. Describe the types of surgical incisions and the basic steps of common surgical procedures
- a9. Describe the etiology of the common urologic emergencies and disorders and the lines of management and outline the management priorities.
- a10. Explain the relationship between some general symptoms or illness and urologic diseases and the interaction between uro-genital system and other body systems.
- a11. To be familiar with the common diseases, which affect bones and joints,
- a12. To have an idea local anaesthesia
- a13. To have an idea about Management of unconscious patient, Cardiopulmonary Resuscitation and Management of hypoxic & hypotensive patient

3. Intellectual Skills:

By the end of the course, the student will be able to:

- Obtain, perform and document a complete medical history and physical examination.
- Utilize sources of information like medical records, patient's family/ friends to augment medical history

4. Professional and Practical Skills:

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

- Identify a clear priority plan in the patient's management.
- Get acquainted with special therapeutic options related to the specialty.

5. General and Transferable Skills:

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

- Conduct sincere and effective patient interviews, properly explain their condition and plan of management, obtain consents and convey bad news in a professional way.
- Write patient records and properly present them.
- Communicate, consult and respect the role of other health-care providers.
- Work effectively and cooperatively in a team.
- Acquire attitudes necessary for the achievement of high standards of medical practice both in relation to care of patient and to his or her own personal development.

Course Contents:

Clinical	Lectures	No. of hours	Topic
			<u>A) General:</u>
3	1	4	Haemorrhage
3	1	4	Anuria
2	1	3	Shock
2	1	3	Wound healing
2	1	3	Suture materials
4	2	6	Postoperative complications
4	3	7	Intestinal obstruction
5	3	8	Polytraumatized patient.
3	2	5	DVT & pulmonary embolism
<u>B) Special</u>			
3	2	5	Hernia (incisional, femoral, umbilical & para-umbilical hernias,).
3	3	6	D.D. of Acute abdomen
3	1	4	D.D. of Inguino-scrotal swelling

2	1	3	Acute scrotum
3	2	5	Diseases of the rectum and anus
2	1	3	Varicocele
2	1	3	Hydrocele
5	2	7	D.D. of Abdominal mass
10	2	12	c) <u>Orthopedic surgery</u>
6	2	8	d) <u>urology</u>
6	2	8	e) <u>neurosurgery</u>
6	1	7	f) <u>vascularsurgery</u>
6	1	7	g) <u>plasticsurgery</u>
5	1	6	h) <u>cardiothoracic surgery</u>
90	37	127	Total

A. Teaching and Learning Methods

1. Lectures.
2. Gross and histopathology (Jars & slides).

1. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
5.3-Structured Oral Exam	- Intellectual skills, Knowledge, General transferable skills

ASSESSMENT SCHEDULE:

- 1- Assessment 1: written examination week 24
- 2- Assessment 2: Structured Oral Exam week 24
- 3- Assessment of attendance & absenteeism throughout the course

WEIGHTING OF ASSESSMENTS:

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

Formative only assessments: attendance and absenteeism

B. List of References

Recommended books:

- Bialy and love Text book of surgery
- An Introduction to the Symptoms And Signs of Surgical Disease, by Norman Browse
- Text book of Surgery , the biological basis of modern surgical practice by David Sabiston
- Schwartz principles of Surgery
- Mastery of surgery, 4th edition (2001), by Robert J Baker, Joseph E Ficher.
- American Journal of Surgery.
- Surgery.
- Archives of surgery.
- British Journal of surgery.
- European Journal of surgery.
- Egyptian Journal of surgery

Important web sites

<http://www.ncbi.nlm.nih.gov/>

<http://www.webpath.com/>

<http://www.aacr.org/>

<http://www.uscap.org/>

<http://www.ascp.org/>

<http://www.freebooks4doctors.com/>

<http://www.pubmed.gov/>

<http://www.medscape.com/>

<http://emedicine.medscape.com/oncology>

http://www.geocities.com/jcprolla/cytopathology_diagnoses.html

<http://path.upmc.edu/cases/index.html>

C. Facilities Required for Teaching and Learning

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

Course Coordinator: Prof

Head of Department: Prof. Alaa El-Dean Hassan

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018,

Course Specifications of Community Medicine for Master Degree in Family Medicine

SohagUniversity

Faculty of Medicine

1. Program on which the course is given: Master Degree in Family Medicine
2. Major or minor element of program: Minor
3. Department offering the program: Family Medicine
4. Department offering the course: Community Medicine
5. Academic year / Level: 2nd part
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018.

A. Basic Information

Title: Course Specifications in Community Medicine in Master Degree in Family Medicine

Code: COM 0508-300

Credit hours

Credit	Total	Practical	Lecture	Title
.5	7.5	--	7.5	Community Medicine

B. Professional Information

1. Overall Aims of the Course

1. To prepare a community-oriented physician capable of anticipating and responding to community health needs according to the policies, regulations, and guidelines of the MOHP.
2. To develop a post-graduate candidate able to take leadership in motivating the community served as regard the preventive aspects concerning the environment-based health problems.
3. To influence the post-graduate candidate to adopt a healthy lifestyle and sound behaviors to become role models for the individuals, their families and the communities they will serve in the future.

2. Intended Learning Outcomes of Course (ILOs)

a) Knowledge and Understanding:

By the end of the course, the post-graduate is expected to be able to:

- a1. Mention the effect of professional practice on the environment and the methods of environmental development and maintenance.

b) Intellectual Skills

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

- b1. Conduct research studies, that adds to knowledge and help community development.

c) Professional and Practical Skills:

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

- c1. Design new methods, tools and ways of professional practice to help solving community problems.

d) General and Transferable Skills:

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

d1. Work coherently and successfully as a part of a team and team's leadership to help community development

3. Contents

Lectures	Topic
1	People with special needs
1	Food sanitation
.5	Rodent and insect control
.5	Sterilization and disinfection
.5	Types of prevention of diseases
1	Management of carriers
1	Maternal and child health
.5	School health
.5	Maternal mortality
1	Investigation of an epidemic
7.5	Total
.5	Credit

4. Teaching and Learning Methods

4.1- Lectures

4.2- Computer search assignment

5. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
5.3-Structured Oral Exam	- Intellectual skills, Knowledge, General transferable skills
5.4Computer search assignment	-General transferable skills, intellectual skills

ASSESSMENT SCHEDULE:

1- Assessment 1: written examination week 24

2- Assessment 2: Structured Oral Examweek 24

3- Assessment of attendance & absenteeism throughout the course

WEIGHTING OF ASSESSMENTS:

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

Formative only assessments: attendance and absenteeism

6. List of References

6.1- course notes:

-Lectures notes prepared by the staff members in the department.

6.2- Essential Books (Text Books)

1- Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.

6.3- Recommended Books

- a. Dimensions of Community Health, Boston Burr Ridge Dubuque.
- b. Short Textbook of preventive and social Medicine. Prentice-Hall International Inc.
- c. Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.

6.4- Periodicals, Web Sites, ... etc

1. American Journal of Epidemiology
2. British Journal of Epidemiology and Community Health
3. WWW. CDC and WHO sites

Facilities Required for Teaching and Learning:

1. Adequate infrastructure: including teaching clinical places, comfortable desks, good source of aeration, bathrooms, good illumination and safety and 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.
3. Computer program: for designing and evaluating MCQs.
4. Transport and full board facilities for students during the community campaigns.

Course Coordinator: Dr/ Ahmed Fathy Hammed

Head of Department: Dr/ Eman Abd El-Baset Mohammed

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013, **Revised:**1/12/2018

Course Specification of Obstetrics, Gynecology and family planning for Master Degree in Family Medicine

SohagUniversity

Faculty of Medicine

1. Program Title: Master Degree in Family Medicine
2. Major element of program
3. Department offering the program: Family Medicine
4. Department offering the course: Obstetrics & Gynecology.
5. Academic Year/level: 2nd part
6. Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

A- Basic Information

Title: Course Specification, Obstetrics, Gynecology and family planning for Master Degree in Family Medicine

Code: OBS 0520-300

Credit hours	Total hour	Tutorials/Clinical	Lectures	Module
2	45	25	20	Obstetrics module
2	45	25	20	Gynecology module
1.5	22.5	10	12.5	family planning module
5.5	112.5	60	52.5	Total

B- Professional Information

1. Program Aims:

Obstetrics module:

The aim of this program is to provide the postgraduate with the basic medical/ knowledge and skills essential for safe practice in the field of Obstetrics & Gynecology. Through providing:

1. Skills necessary for proper diagnosis and management of patients in the field of Obstetrics & Gynecology including diagnostic, problem solving.
2. Ethical principles related to the practice in this highly sensitive specialty.
3. maintenance of learning abilities necessary for continuous medical education.
4. Upgrading research interest and abilities.

Gynecology module:

The aim of this program is to provide the postgraduate with the basic medical/ knowledge and skills essential for safe practice in the field of Obstetrics & Gynecology. through providing:

- a. Recent scientific knowledge essential for practice of Obstetrics & Gynecology according to the international standards.
- b. Skills necessary for proper diagnosis and management of patients in the field of Obstetrics & Gynecology including diagnostic, problem solving and decision making and operative skills.
- c. Ethical principles related to the practice in this highly sensitive specialty.
- d. Upgrading research interest and abilities.

Family planning module:

The aim of this program is to provide the postgraduate with the advanced medical/ knowledge and skills essential for safe practice in the field of Obstetrics & Gynecology. through providing:

1. Recent scientific knowledge essential for practice of Obstetrics & Gynecology according to the international standards.
2. Skills necessary for proper diagnosis and management of patients in the field of Obstetrics & Gynecology including diagnostic, problem solving and decision making.
3. Ethical principles related to the practice in this highly sensitive 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.

2. Program Intended Learning Outcomes (ILOs) **Obstetrics module:**

a) Knowledge and Understanding:

By the end of the study the Graduate should be able to:

- a1. List the causation of Obstetric problems and their pathogenesis.
- a2. Enumerate Methods of promoting maternal and fetal health and preventing their illness.
- a3. List the clinical picture and differential diagnosis of Obstetric illnesses.
- a4. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of Obstetric illnesses.

b) Intellectual Skills

By the end of the study the Graduate should be able to:

- b1. Identify and analyze the information in the field of Obstetrics & Gynecology and rank them according to their priorities.
- b2. Solve problems in the area of Obstetrics & Gynecology.
- b3. Assess risk in practices in the field of Obstetrics & Gynecology.

c) Professional and Practical Skills

By the end of the study the Graduate should be able to:

- c1. Apply skills in the area of Obstetrics & Gynecology.
- c2. Write medical reports.
- c3. Use appropriate technology existing in the area of Obstetrics & Gynecology

d) General and Transferable Skills

By the end of the study the Graduate should be able to:

- d1. Perform the different types of effective communication.
- d2. Use information technology to serve the development of professional practice.
- d3. Assess himself and identify personal learning needs.
- d4. Use different sources to obtain information and knowledge

- d5. Work in a team and manage time.
- d6. Lead the team in familiar professional contexts.
- d7. Learn himself continuously

Gynecology module:

a) Knowledge and Understanding:

By the end of the study the Graduate should be able to:

- a1. List the clinical picture and differential diagnosis of gynecologic illnesses.
- a2. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of gynecologic illnesses.
- a3. Describe the various therapeutic methods/alternatives used for gynecologic diseases.

b) Intellectual Skills

By the end of the study the Graduate should be able to:

- b1. Identify and analyze the information in the field of Obstetrics & Gynecology and rank them according to their priorities.
- b2. Assess risk in professional practices in the field of Obstetrics & Gynecology.

c) Professional and Practical Skills

By the end of the study the Graduate should be able to:

- c1. Write medical reports.
- c2. Use appropriate technology existing in the area of Obstetrics & Gynecology

d) General and Transferable Skills

By the end of the study the Graduate should be able to:

- d1. Perform the different types of effective communication.
- d2. Use information technology to serve the development of professional practice.
- d3. Assess himself and identify personal learning needs.
- d4. Use different sources to obtain information and knowledge.
- d5. Learn himself continuously

Family planning module:

a) Knowledge and Understanding:

By the end of the study the Graduate should be able to:

- a1. Describe the structure, mechanism of action, advantages, disadvantages, side effects and complications of the different family planning methods.

b) Intellectual Skills

By the end of the study the Graduate should be able to:

- b1. Analyze researches and issues related to family planning.
- b2. Assess risk in professional practices in the field of family planning.
- b3. Make professional decisions in the light of the available data.

c) Professional and Practical Skills

By the end of the study the Graduate should be able to:

- c1. Apply professional skills in the area of family planning.
- c2. Write medical reports.
- c3. Use appropriate technology existing in the area of family planning.

d) General and Transferable Skills

By the end of the study the Graduate should be able to:

- d1. Perform the different types of effective communication.
- d2. Use information technology to serve the development of professional practice.
- d3. Assess himself and identify personal learning needs.
- d4. Use different sources to obtain information and knowledge.
- d5. Learn himself continuously

3. Contents/Curriculum

Obstetrics module:

No. Of Hours	Topics
3	- Diagnosis of pregnancy.
4	- Antenatal care.
2	- Hyperemesis gravidarum, Pyelitis with pregnancy.
3	- Abortion.
3	- Ectopic pregnancy.
2	- Hydatidiform mole.
2	- Hypertensive disorders during pregnancy.
2	- Placenta praevia.
2	- Diabetes with pregnancy.
6	- High-risk pregnancy.
6	- Management of normal labour.
3	Obstructed labour
4	Puerperium
3	Postpartum haemorrhage.
5	Referral in obstetrics
1	- cesarean section
45	Total

Gynecology module:

No. Of Hours	Topics
6	- Amenorrhoea.
4	- Ovulation and its disorders.
4	- dysmenorrhoea
6	- Abnormal bleeding from the genital tract.
6	- Infertility.

	-REPRODUCTIVE TRACT INFECTIONS:
6	- Lower genital tract infections.
2	- Genital prolapse-R.V.F.
2	- Genito-urinary fistula and stress incontinence.
3	-UTERINE FIBROIDS.
2	-ENDOMETRIOSIS AND ADENOMYOSIS.
	-GYNECOLOGIC ONCOLOGY:
2	- Cervical carcinoma.
1	- Ovarian tumours.
1	- Choriocarcinoma.
45	Total

Family planning module:

Total hour	Lectures
6	IUCD
3	Injectable Contraceptive
4	Combined oral contraceptive.
2	Progesteron only pills
2	Subdermalimplants
2	Emergency contraceptive
3	Barrier methods.
22	Total

4. Teaching & Learning methods.

Lectures.

Attending and Participating in Scientific Conference, Workshop and thesis discussion to acquire the general and transferable skills needed.

5. Methods of student assessments:

Method of assessment	The assessed ILOs 36
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5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
5.3-Structured Oral Exam	- Knowledge, Intellectual skills, General transferable skills
5.4-OSCE	-Practical skills, intellectual skills General transferable skills

Assessment Schedule

- 1- Assessment 1: written examination week 24
- 2- Assessment 2: Structured Oral Exam week 24
- 3- Assessment 3: OSCE week 24
- 4- Assessment of attendance & absenteeism throughout the course

Weighing of Assessment

Final-term written examination	50%
Structured Oral Exam	30%
OSCE	20%
Total	100%

6. List of References

Obstetrics module:

6.1- Course Notes

Lecture notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Essentials of Obstetrics & Gynecology

Illustrated of Obstetrics & Gynecology

6.3- Recommended Books

High risk pregnancy by frenando.

6.4- Periodicals, Web Sites, ... etc

Clinical Obstetrics & Gynecology.

Cochrane Library, Medline & Popline

Gynecology module:

6.1- Course Notes

Lecture notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Essentials of Obstetrics & Gynecology

Illustrated of Obstetrics & Gynecology

6.3- Recommended Books

Jeffcoat's Gynecology

6.4- Periodicals, Web Sites, ... etc

Clinical Obstetrics & Gynecology.

Family planning module:

6.1- Course Notes

Lecture notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Essentials of Obstetrics & Gynecology

Illustrated of Obstetrics & Gynecology

Clinical Obstetrics & Gynecology.

Cochrane Library, Medline & Popline

7. 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, safety & Security tools.

2- Teaching Tools: including screens, Computer including cd(rw), data shows, Projectors, flip charts, white board, video player, digital video camera, Scanner, copier, colour and laser printers.

3- Computer Program: for designing and evaluating MCQs

Coordinator. Salah M. Rasheed

Head of Department: Salah Ali Ismail

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018,

Course Specifications of Internal Medicine in Master degree in Family medicine

Faculty of Medicine

Sohag University

- 1 Programme(s) on which the course is given: Master degree in family medicine
- 2 Major or Minor element of programmes: Major
- 3 Department offering the programme: Department of family medicine.
- 4 Department offering the course: Department of Internal Medicine.
- 5 Academic year / Level: 2nd part.
- 6 Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018.

A. Basic Information

Title: Course Specification of Internal Medicine for Master degree in Family medicine

Code: 0523-300

Credit hours

Credit	Total	Practical	Lecture	Title
4	90	60	30	Internal Medicine

B. Professional Information

1. Aim of the Course:

By the end of this course, the physician should be able to

- Manage efficiently the common and important medical conditions encountered in primary care.
- Apply proper referral criteria.
- Ensure follow-up and continuity of care

2- Intended learning outcomes (ILOs)

A- Knowledge and understanding:

- Recognize preventive measures needed for communicable and non-communicable diseases at primary care level
- List symptoms, signs and red flags of common and important conditions encountered in primary care
- Identify investigations needed to reach proper diagnosis
- List indications and limitations of different investigations
- Manage common and important conditions encountered in primary care
- Identify when, where and why to refer
- Ensure continuity of care

B- Professional and practical skills

To fulfill the following skills in internal medicine:

- Apply proper history taking
- Properly perform general & local examination including thyroid, joint and neurological examination
- Properly Interpret x-rays

- Perform & interpret ECG
- Use of peak-flow meter appropriately
- Use of inhalers, nebulizers and spacers appropriately
- Use drugs appropriately in a cost effective manner
- Apply a coordinated referral system.

C- Attitudes

The trainee should develop attitudes that encompass:

1. To be able to maintain honesty and integrity in all interactions with patients, patient's families, colleagues, and others with whom physicians must interact in their professional lives.
2. To be able to value and respect the patients' privacy and dignity, with an understanding of their needs and their families
3. To be aware of the scope and limits of his role and the necessity to seek and use regularly the collaboration of other health workers.
4. To be ready to educate, motivate, supervise and lead other health workers in health promotion, prevention and treatment of diseases .
5. Recognition of the psychosocial and economic impact of disease on the individual and family.
6. Support of individual and family through consultation, evaluation, treatment and rehabilitation.

D-General and Transferable Skills

By the end of the course, students should be able to:

- d1. Allay patient anxiety and get his confidence, and responds effectively to his emotional and psychological concerns.
- d2. Explain to the patients and/or his relatives the nature of the disease, the diagnostic and therapeutic options and recommend life style modifications.
- d3. Interact and communicate effectively with his colleague and other health care professionals.
- d4. Communicate with the patients with full respect to all his rights particularly in regard to confidentiality and informed consent.
- d5. Adopt respect to all of the colleagues.
- d6. Incorporate clinical ethics, and legal responsibilities

1- Course content

Clinical	Lectures	Total No. of hours	Topic
8	4	15	<i>Diseases of the cardiovascular system</i> <ul style="list-style-type: none"> • <i>Hypertension</i> • <i>Ischemic heart disease & dyslipidemia</i> • <i>Cardiac failure</i> • <i>Rheumatic fever, SBE and diseases of the heart valves</i>
6	4	15	<i>2-Endocrine and metabolic diseases</i> <p><i>D.M.</i> <i>Goitre, hyperthyroidism and hypothyroidism</i> <i>Obesity</i></p>
6	4	15	<i>GIT and liver diseases</i> <ul style="list-style-type: none"> • <i>Gastritis, peptic ulcer & dyspepsia</i> • <i>Irritable bowel disease</i>

			<ul style="list-style-type: none"> Abdominal pain Diarrhoea & constipation Liver disorders (acute and chronic liver diseases) Jaundice
4	3	15	4. Diseases of the respiratory system <ul style="list-style-type: none"> Asthma COPD Infection including TB & pneumonia, bronchitis
8	3	12	6- Diseases of the blood <ul style="list-style-type: none"> Anaemias Bleeding tendency & Cogulation defects
8	4	12	7-Diseases of the nervous system <ul style="list-style-type: none"> Headache Cerebrovascular disorders Coma and syncope Convulsions and epilepsy Peripheral nerves and cranial nerves palsy
5	3	12	8-Diseases of the Kidney and Genito-urinary system <ul style="list-style-type: none"> UTI Urine abnormalities (hematuria and proteinuria....) Renal impairment & other renal disorders
3	2	12	9-Diseases of the connective tissues, Joints and Bones <ul style="list-style-type: none"> Osteoporosis, Osteoarthritis Gout Others: Rheumatoid arthritis, SLE,
8	3	14	10-Infectious diseases <ul style="list-style-type: none"> HIV Typhoid FUO
60 hours	30 hours	90hours	TOTAL

4- Teaching and Learning Methods

- Lectures and interactive learning .**
- Clinical practice:**
2 months clinical training in internal medicine department and outpatient clinic

Place of learning:

1. *Family medicine department &*
2. *Internal medicine department, outpatient clinic & emergency*

5- Student Assessment:

5a- Assessment Tools:

- *Log book*
- *Oral exam: 10 OSPE stations*
- *Clinical exam : OSCE stations*

5b- Assessment Schedule:

- 1- Assessment 1: written examination: week 24
- 2- Assessment 2: Structured Oral Exam week 24
- 3- Assessment 3: OSCE week 24
- 4- Assessment of attendance & absenteeism throughout the course

5c- Weighting of Assessment:

- 1- Assessment 1: written examination week 24
- 2- Assessment 2: Structured Oral Exam week 24
- 3- Assessment 3: OSCE week 24
- 4- Assessment of attendance & absenteeism throughout the course

Weighting of Assessment Log book..... Formative Exam

Final-term written examination	50%
Structured Oral Exam	30%
OSCE	20%
Total	100%

6- List of Text books and References

- *National guidelines*
- *First aid*
- *Swanson*
- *Rakel Textbook of family medicine*
- *Taylor's manual of family medicine*

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, safety & Security tools.
- **Teaching Tools:** including screens, Computer including cd(rw), data shows, Projectors, flip charts, white board, video player, digital video camera, Scanner, colour and laser printers.
- **Computer Program:** for designing and evaluating MCQs

Course Coordinator: Dr.

Head of Department: Prof.

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018,

Course Specifications of Pediatrics in Master degree in Family medicine

Faculty of Medicine

Sohag University

1. Programme(s) on which the course is given: Master degree in family medicine
2. Major or Minor element of programmes: Major
3. Department offering the programme: Department of family medicine.
4. Department offering the course: Department of Pediatrics
5. Academic year / Level: 2nd part.
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018.

A. Basic Information

Title: Course Specification of Internal Medicine for Master degree in Family medicine

Code: 0523-300

Credit hours

Credit	Total	Practical	Lecture	Title
ε	9.	6.	3.	Pediatrics

B. Professional Information

1. Aim of the Course:

- To recognize and manage common and important pediatric problems.
- To care of the normal newborn and manage common neonatal problems.
- To care of the growing infant and child.
- To identify referral criteria and red flags.

2. Intended learning outcomes (ILOs)

A- Knowledge and understanding:

By the end of this course the family physician should be able to:

1. Recognize the characteristics of the normal neonate.
2. Diagnose and properly manage common neonatal problems.
3. Elicit the elements of well child care.
4. Manage common pediatric medical problems at the primary care level.
5. Recognize the red flags and referral criteria.

B-Professional and practical skills

The family physician is required to fulfill the following skills in pediatrics:

- Proper registration including management and follow up.
- Assign APGAR scores.
- Resuscitation of newborns, infants and children
- Perform and document age-appropriate history and physical examination
- Administer and interpret developmental screening tests
- Immediate management of common emergencies and urgent referral

3- Course content:

Clinical	Lectures	Total	44	TOPIC
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		No. of hours	
8	4	12	Well newborn and child care Growth and development
2	1	3	Prevention and screening: 1.Immunization 2.Screening
5	2	7	Nutrition and malnutrition
5	3	8	Respiratory tract problems
3	2	5	Gastrointestinal problems
8	4	12	Infections
8	4	12	Fetal and neonatal period : 1.Normal neonate 2.Neonatal problems
3	1	4	Renal/urological medical problems
3	2	5	Hematological problems
3	1	4	Endocrine/metabolic and nutritional problems
3	2	5	Neurological problems , musculoskeletal problems
6	3	9	Cardiovascular problems
3	1	4	Others (Down Syndrome,....)
60	30	90	Total

4- Teaching and Learning Methods:

- **Lectures and interactive learning :** 4 hours per week for 12 weeks
- **Clinical practice:**2 months clinical training
- **Place of learning:**

1. Family medicine department
2. Pediatrics department

5- Student Assessment :

5a- Assessment Tools:

- Log book
- Written test of knowledge:
- Oral exam : including interpretative stations with total of 50 marks (30 OSPE and 20 oral)
- Clinical exam :

1. OSCE: 5 cases
2. Total of 50 marks

5b- Assessment Schedule:

- 1: written examination :week 24
- 2- Assessment 2: Structured Oral Examweek 24
- 3- Assessment 3: OSCEweek24
- 4- Assessment of attendance & absenteeism throughout the course

5c- Weighting of Assessment:

- 1- Assessment 1: written examination week 24
- 2- Assessment 2: Structured Oral Examweek 24
- 3- Assessment 3: OSCEweek24
- 4- Assessment of attendance & absenteeism throughout the course

Weighing of AssesmentLog book..... Formative Exam

Final-term written examination	50%
Structured Oral Exam	30%
OSCE	20%
Total	100%

6- List of Text books and References :

- Swanson
- Rakel textbook
- National guidelines
- First aid,.....

7-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, safety & Security tools.

2- Teaching Tools: including screens, Computer including cd(rw), data shows, Projectors, flip charts, white board, video player, digital video camera, Scanner, copier, colour and laser printers.

3- Computer Program: for designing and evaluating MCQs

Coordinator. Ismail Abdel Alim

Head of Department: Mohammad Abdel Aal

**Course Specification of clinical Pharmacology and Health economics in master degree
of Family Medicine**

1. Program on which this course is given: masterdegree in Family Medicine.
2. Major or minor element of program: Minor.
3. Department offering the program: Family Medicine.
4. Department offering the course: Pharmacology Department.
5. Academic year/level: 1st part.
6. Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

A. Basic information:

Title: Course Specification of clinical Pharmacology and Health economics in master Degree in Family Medicine.

Code: PHA 0513-300

Total hours:

Total hours	Practical	Lectures	Title
15	-	15	Pharmacology and Health economics

B. Professional Information

1. **Aim of the Course:**

1. Development of a physician who has the appropriate level of knowledge, skills, attitudes and compliance to work independently and effectively .
- 2- Optimize clinical application of drugs in medical practice in an advanced and up to date manner.
- 3- Integrate the knowledge of clinical pharmacology to optimize clinical research.
- 4- Get proficiency in problem solving, experimental design, and evaluation of data of clinical trials involving pharmacotherapy.

2. Intended Learning Outcomes (ILOs):

A. Knowledge and Understanding:

- A1. Recall and reproduce principles of route of administration, drug absorption, distribution and metabolism.
- A2. Describe different trial designs, principles of research ethics and medicolegal aspects of professional practice .
- A3. Discuss important drug adverse reactions.
- A4. Summarize the basis of evidence-based pharmacotherapy.

B. Intellectual Skills:

- B1. Manage, anticipate and detect adverse drug reaction and detect the molecular and pharmacological basis behind it.
- B2. Predict cases of overdose or toxicity and drug-drug interaction.

C. Professional and Practical Skills:

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

- C1. Apply principles of individualization of therapy when necessary.

C2. Predict the possibility that clinical events are drug-related.

C3. Construct and adjust dose regimes correctly.

D. General and Transferable Skills:

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

D1. Review and analyze relevant literature.

D2. Work effectively within a team.

D3. Maintain absolute honesty and attention to details.

D4. Report adverse drug reactions for future evaluation.

D5. Access information effectively and develop diagnostic and management skills.

D6. Consult statisticians effectively and use modern statistics programmes.

D7. Select trial design, recruit research subjects, obtain consent and keep records.

C.

Contents:

Tutorial/Practical	Lecture	Total No. of hours	Topic
	6	6	Pharmacotherapy
	4	4	Complementary alternative medicine (herbal)
	3	3	Drug interactions
	2	2	Health economics
	15	15	Total
	1	1	Credit

D.

Teaching and Learning Methods:

4.1- Lectures.

E.

Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule

1- Assessment 1: written examination

week 24

2- Assessment of attendance & absenteeism throughout the course

Weighting of Assessments

Final-term written examination	100%
Total	100%

F.

List of References:

(1) Essential Books (Text Books): Katzung in pharmacology 2009.

(2) Recommended Books: lipnocott in pharmacology 2005 .

(3) Periodicals, Web sites:

1- American Journal of pharmacology.

2- British journals of pharmacology.

3- WWW.Google. COM

4- WWW.yahoo.com.

5- www.sciencedirect.com.

G.

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/ Faten M. Omeran.

Head of Department: Dr/Mahmod Hamdy.

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013, **Revised:**1/12/2018.

Course Specification of Emergency medicine and traumatology in master degree of Family Medicine

SohagUniversity

Faculty of Medicine

- 1- Program on which this course is given: master degree in Family Medicine.

- 2- Major or minor element of program: Minor.
- 3- Department offering the program: Family Medicine.
- 4- Department offering the course: Emergency Medicine Department .
- 5- Academic year/level: 1st part.
- 6- Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

A. Basic information:

Title: Course Specification of Emergency medicine and traumatology in master Degree in Family Medicine.

Code: -300

Total hours:

Total hours	Practical	Lectures	Title
30	30	-	Emergency medicine and traumatology

B. Professional Information

- 1- **Aim of the Course:**
By the end of the course, the students will be able to identify emergency health problems for the patient, provide live saving measures, and management for critically ill patient.

2- **Intended Learning Outcomes (ILOs):**

a) **Knowledge and Understanding:**

By the end of this course, students should

- a1- Explain importance of emergency medicine
- a2- Explain the assessment of critically ill patient
- a3- Explain firstaids and life saving measures for emergency ill patient
- a 4- Discuss basic principles for common disorders in emergency medicine

b) **Intellectual Skills:**

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

- b1- Analyze arterial blood gas results and abnormal indicators in emergency ill patient
- b 2- Identify the appropriate action for critical emergency situation by using problem solving technique

c) **Professional and Practical Skills:**

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

- c1- Monitoring patient in E.R
- c2- Demonstrate basic life support for emergency ill patient
- c3 - Demonstrate O2 therapy for emergency ill patient

d) **General and Transferable Skills:**

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

- d1- Utilize the knowledge base in emergency medicine in management for emergency patient
- d2- Communicate effectively with patients, their families and other colleagues

C. Contents:

Practical hours	Topic
4	Assessment of critically ill patient
10	First aids
6	Basic life support and advanced life support
4	management of Respiratory failure
3	Medical management of Status asthmatics
3	pulmonary embolism
30	Total
1	Credit

D.

Teaching and Learning Methods:

4.1- practical.

4.2 discussions

E.

Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule

1- Assessment 1: written examination week 24

2- Assessment of attendance & absenteeism throughout the course

Weighting of Assessments

Final-term written examination	100%
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Total	100%
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F.

List of References:

- Moulton C ,Yates D ,2006 ,Lecture notes emergency medicine , Third edition ,Blackwell ,India
- Stead LG , Stead SM ,Kaufman MS ,2006 ,First aids for the emergency medicine clerk ship ,Second edition ,The Mcgraw-hill companies ,Singapore .
- Allison ET ,Boyer EW ,Braen GR ,Manno MM ,Moorhead JC ,Volturo GA ,2006 ,Essential of emergency medicine ,First edition ,Jones and Bartlett ,United State of America .
- Thygerson A ,Gulli B ,Krohmerr JR ,2007 ,First aids ,CPR and AFD ,Fifth edition , Jones and Bartlett ,United State of America .

Essential books

- Allison ET ,Boyer EW ,Braen GR ,Manno MM ,Moorhead JC ,Volturo GA ,2006 ,Essential of emergency medicine ,First edition ,Jones and Bartlett ,United State of America .

Recommended books

- Moulton C ,Yates D ,2006 ,Lecture notes emergency medicine , Third edition ,Blackwell ,India

Periodical. Web sites:

WWW.PUBMED.COM

G.

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:

Head of Department:

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018.

- 1 Program on which the course is given: Master degree in Family Medicine
- 2 Major or Minor element of programs: Minor
- 3 Department offering the program: Family Medicine
- 4 Department offering the course: Family Medicine
- 5 Academic year / Level; 1st part
- 6 Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018

A. Basic Information

Program title: Course Specification of Family Medicine in master Degree in Family Medicine

Code:

Total hours:

Credit hours	total	Practical	Lecture
2	45	30	15

B. Professional Information

1. Overall Aims of Course

The aim of this course is to provide the postgraduate student with the medical knowledge and skills essential for practice of specialty and necessary to gain further training and practice through providing:

- Recent scientific knowledge 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. 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 allowed 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 practice the following:

- 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:**

Inte

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.

C. Contents

Tutorial/Practical	Lecture	No. of hours	Topic
-	1	1	Family medicine concept and rationale
4	3	7	Duties of family medicine physician
6	2	8	Aspects of family care
9	5	14	Management of family health problems
8	3	11	Family medicine services
3	1	4	Family welfare
30	15	45	Total
1	1	2	Credit hours

D. Teaching and Learning Methods

- 1. Lectures
- 2. Family health units training

E. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule

Assessment 1.....Final written exam.....week: 24

Assessment 2..... Attendance and absenteeism throughout the course

Weighting of Assessments

Final written examination	% 100
Total	% 100

F. List of References

6.1- Course Notes

Lecture notes prepared by the staff members in the department

6.2- Essential Books (Text Books)

1-current family medicine.

6.3- Recommended Books

1- family practice handbook.

2- Taylor manual of family practice.

3- Swanson textbook.

6.4- Periodicals, Web Sites, ... etc

1-American Journal of Epidemiology

2-British Journal of Epidemiology and Community Health

3- WWW. CDC and WHO sites

G. 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, colour and laser printers.

3- COMPUTER PROGRAM: for designing and evaluating MCQs

Course Coordinator: Dr

Head of Department: Dr/Eman Abd El-Baset Mohammed

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018.

Course Specifications of ENT for Master degree in Family Medicine

1. Program on which the course is given: Master degree in Family Medicine
2. Major or Minor element of programs: Minor
3. Department offering the program: Family Medicine
4. Department offering the course: ENT Department
5. Academic year / Level; 1st part
6. Date of specification approval: Faculty council No: "317", decree No. "1533" dated 17/12/2018

A. Basic Information

Program title: Course Specification of ENT in master Degree in Family Medicine

Code:

Total hours:

Credit hours	total	Practical	Lecture
1	30	30	-

B. Professional Information

1. Overall Aims of Course

- Students must have an adequate knowledge of the common ENT diseases in our community in adults and children and suspect early malignancies and pick them early and refer them to the specialist
- They should properly understand the ENT emergencies, how can they present, different management strategies, how can they provide medical service at the primary care level and when to refer to a specialized center
- They must be able to obtain correct and sufficiently relevant history from the patients, practice the ENT, head and neck examination, elicit the easy bed side tests, integrate the clinical data into a provisional diagnosis, suggest useful simple investigations to reach an accurate diagnosis

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 different causes and describe the pathology, the clinical picture and treatment of various diseases of the ear, nose and throat affecting the children and adults
- A2- Mention different methods of investigations specific for particular diseases of the ear nose and throat
- A3- Describe different emergencies of the ear, nose and throat, explain their priorities and different treatment strategies provided in the primary care level and in the specialized centers
- A4- List different ENT manifestations of systemic diseases and explain the interactions between ENT and other specialties

b)

Inte

Intellectual Skills

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

- B1- Analyze different complaints of patients with ENT troubles and retrieve important relevant data from the patients interrogation and results of investigation
- B2- Interpret the most important signs and results of investigations of ENT head and neck diseases
- B3- Select and recognize the warning and early symptoms and signs of ENT head and neck malignancy specially the occult primary
- B4- Formulate diagnostic strategies for patients with ENT emergencies and life threatening conditions

B5- Integrate the data obtained from the symptoms, signs and investigations he/she collected into a meaningful diagnosis and construct appropriate management strategies

c) Professional and Practical Skills:

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

- C1- Obtain proper history from patients with ENT head and neck problems. Students should be familiar with patient’s expressions dominant in our locality
- C2- Correctly handle and use the simple diagnostic instruments e.g. the head mirror, nasal speculum, aural speculumetc
- C3- Practice a correct and comprehensive ENT head & neck examination
- C4- Elicit different simple bedside tests
- C5- Request for a specific investigation for a particular disease

d) General and Transferable Skills:

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

- D1- Communicate properly with the patients in a serious and respectable manner to have relevant data to their complaints
- D2- Examine the patients in a gentle, decent but effective manner
- D3- Deliver simple data to patients about the nature of their disease
- D4- Be able to counsel the patients and their families about different management strategies and methods of prevention of their illness and suggest to them a suitable rehabilitation to the possible handicaps they could develop in an empathic manner respecting their dignity.
- D5- Be able to report to their colleagues a comprehensive information about patients in an oral or written manner.
- D6- Design in certain situations, together with other specialties an appropriate treatment plans thus initiating the value of teamwork and compliance to work through systems

C. Contents

Tutorial/Practical	Topic
8	Otology
8	The Nose
8	Pharynx and esophagus
6	Larynx
30	Total
1	Credit hours

D. Teaching and Learning Methods

1. Lectures

2. ENT clinic training

E. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
Clinical examination by the end of the course	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule

Assessment 1.....Clinical examination by the end of the course

Assessment 2..... Attendance and absenteeism throughout the course

Weighting of Assessments

Clinical examination by the end of the course	% 100
Total	% 100

F. List of References

6.1- Course Notes

Lecture notes prepared by the staff members in the departement

6.2- Essential Books (Text Books)

ENT, Adely Yassein,,2006 edition.

6.3- Recommended books:

Laryngology & Head & Neck (Scott-Brown's Otolaryngology) (Hardcover) by John Hibbert (Editor) A Hodder Arnold Publication; 6 edition (July 21, 2000)

6.4- Periodicals and web sites:

Acta Otolaryngol, Laryngoscope, www.tanta.edu/emlu and www.sciencedirect.com 2-British Journal of Epidemiology and Community Health

3- WWW. CDC and WHO sites

G. 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, colour and laser printers.

3.E.N.T basic examination sets

Course Coordinator: Dr

Head of Department: Dr/

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018.

**COURSE SPECIFICATION OF DERMATOLOGY, VENEROLOGY AND ANDROLOGY FOR Master
DEGREE IN Family Medicine**

Sohag University Faculty of Medicine

1. Program on which the course is given: **Master** degree of Family Medicine (2nd part).
2. Major or Minor element of program: Minor
3. Department offering the program: **Family Medicine** Department.
4. Department offering the course: Dermatology, Venereology, and Andrology Department.
5. Academic year / Level: 2nd part
6. Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

A. Basic Information

Title: Dermatology & Venereology, and Andrology Course for **Master** degree (Second part)

Code: DER 0507-300

Total hours:

Credit hour	Practical	Lectures	Module
1	15	7.5	Dermatology Venereology & Andrology

B. Professional Information:

1. Overall Aims of Course:

Dermatology module:

By the end of the course and training, the graduates should be able to:

- 1- Properly describe a dermatology case using the terminology accepted by dermatologists in order to be able to communicate with colleagues and consultants in the field.
- 2- Diagnose and effectively treat skin diseases prevalent in the community or those of public health importance.

Venereology & Andrology module:

By the end of the course and training, the students should be able to:

1. Diagnose and treat STDs prevalent in the community.
2. Define causes, diagnostic procedures and treatment options of male sexual dysfunction.

2. Intended Learning Outcomes of Course (ILOs)

Dermatology module:

a) Knowledge and Understanding:

By the end of the course, the graduate is expected to gain knowledge and understanding of:

- a1.** Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of dermatological illnesses.
- a2.** Enumerate methods of promoting health and preventing illness.
- a3.** List the various diagnostic and laboratory techniques necessary to establish diagnosis of various dermatological illnesses.
- a4.** List the various therapeutic methods /alternatives used for various dermatological illnesses .

b) Intellectual Skills:

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

- b1.** Select from different diagnostic alternatives the ones that help reaching a final diagnosis for Dermatological problems .
- b2.** Identify Dermatological problems and find solutions.

c) Professional and Practical Skills:

By the end of the course in department of Dermatology, the graduate is expected to be able to:

- c1. Perform physical examination of patients for dermatological system.
- c2. Interpret the results of diagnostic procedures.
- c3. Diagnose common illnesses.

d) General and Transferable Skills:

By the end of the course, students are expected to be able to:

- d1. Communicate effectively by all types of effective communication.
- d2. Assess himself/herself and identify personal learning needs.
- d3. Use different sources to obtain information and knowledge.
- d4. Work in a team, and manage time efficiently
- d5. Use team's leadership in various professional contexts.

Venereology & Andrology module:

a) Knowledge and Understanding:

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

- a1. Mention the normal structure and function of the human reproductive system .
- a5. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of venereal and andrological illnesses.
- a6. Mention the causation of disease and disease pathogenesis.
- a7. Enumerate methods of promoting health and preventing illness.
- a8. Describe the scientific methods of establishing disease causation of venereal and andrological illnesses.
- a9. List the various diagnostic and laboratory techniques necessary to establish diagnosis of various venereal and andrological illnesses.

b) Intellectual Skills:

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

- b1. Integrate data acquired through history taking to reach a provisional diagnosis for various Venereal and Andrological problems .
- b2. Identify Venereal and Andrological problems and find solutions.
- b3. Analyze researches and issues related to Venereology and Andrology.
- b4. Assess risk in professional practices in the field of Venereology and Andrology.

c) Professional and Practical Skills:

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

- c2. Perform physical examination of patients for reproductive systems.
- c3. Interpret the results of diagnostic procedures.
- c4. Diagnose common illnesses.
- c6. evaluate semen reports.

d) General and Transferable Skills:

By the end of the course, students are expected to be able to:

- d1. Communicate effectively by all types of effective communication.
- d2. Use information technology to serve the development of professional practice
- d3. Assess himself/herself and identify personal learning needs.
- d4. Use different sources to obtain information and knowledge.
- d5. Work in a team, and manage time efficiently
- d6. Use team's leadership in various professional contexts.
- d7. Learn himself continuously

3. Contents:

Dermatology module:

Practical	Lecture	Topic
1	.5	Cutaneous pyogenic infections
1	.5	Cutaneous viral infections
1	.5	Parasitic skin diseases
.5	.5	Eczema (Dermatitis)
1	.5	Papulo-Squamous diseases
1	.5	Disorders of sebaceous glands
1	.5	Disorders of sweat glands
.5	.5	Pigmentary disorders
1	.5	Diseases of Hair and nails
1	.5	Disorders of keratinization
<u>Venereology & Andrology module:</u>		
.5	.5	Anatomy of genital organs
1	.5	Male sexual dysfunction
1	.5	Female sexual dysfunction
.5	-	Semen evaluation
1	.5	Male infertility
1	.5	Male urethral discharge
1	-	HIV
15	7.5	Total
1		Credit

4. Teaching and Learning Methods:

4.1-Lectures

4.2- Clinical / practical lessons

5. Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism. 5.2-Written Exams: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- General transferable skills, intellectual skills - Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,

Assessment Schedule:

Assessment 1: Final written exam week: 48-50

Weighting of Assessments

100 %	Written Examination
100%	Total

5.List of References:

Dermatology module:

6.1- Course Notes:

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books):

Andrews text book of dermatology

6.3- Recommended Books:

Rook`s text book of dermatology

Lever`s text book of histopathology

6.4- Periodicals and Web Sites:

Journal of AmericanAcademy of Dermatology

Clinics in dermatology

International journal of dermatology

British journal of dermatology

www.Sciencedirect.com

www.pubmed.com

www.Freebooks4doctors.com

www.medescape.com

Venereology & Andrology module:

6.1- Course Notes

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Text book of Andrology by Dr. Ashraf Fayez

6.3- Recommended Books

Text book of Erectile dysfunction

6.4- Periodicals and Web Sites:

Journal of urology Fertility and Sterility

British journal of urology Asian Journal of Andrology

www.Sciencedirect.comwww.pubmed.com

www.Freebooks4doctors.comwww.medescape.com

4. Facilities Required for Teaching and Learning:

- Adequate infrastructure including: teaching rooms, comfortable desks.
- Teaching tools including screen, slide Projector, computer and data show.

Course Coordinador:Dr. Ramdan Saleh Abdh

Head of Department: Prof/ Essam El-din Abd El-Aziz Nada

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013, **Revised:**1/12/2018

Course Specification for Ophthalmology in master degree in Family Medicine

Sohag University

Faculty OF Medicine

1. Program on which the course is given: **master** degree in **Family Medicine**
2. Major or minor element of program: minor
3. Department offering the program: **Family Medicine** department
4. Department offering the course: Ophthalmology department
5. Academic year / Level: 1st part.
6. Date of specification approval: Faculty council No: “317”, decree No. “1533” dated 17/12/2018

1- Basic Information

Title: Course Specifications of ophthalmology in master degree in Family Medicine

Code:

Credit Hours:

credit	Practical	Lecture
1	30	0

2- Professional Information

1. Overall Aims of Course

By the end of the course the post graduate students should be able to have the knowledge of common eye diseases.

- 1- Deal with common ophthalmological conditions on the basis of adequate history taking, physical examination.
- 2- Have an idea in ophthalmologic technology.

2. Intended Learning Outcomes of Course (ILOs)

a) Knowledge and Understanding:

- a.3 Enumerate Methods of eye health and preventing its illness.
- a.4 List the clinical picture and differential diagnosis of ophthalmologic illnesses.
- a.5 Enumerate concepts in the common diagnostic and laboratory techniques necessary to establish diagnosis of ophthalmologic illnesses.

b) Intellectual Skills

- b.1 Identify and analyze of the information in the field of ophthalmology and rank them according to their priorities.
- b.2 Solve problems in the area of ophthalmology
- b.5 Make decisions in the light of the available data

c) Professional and Practical Skills

- C.1 the application of skills in the field of ophthalmology

d) General and Transferable Skills

- d1. Communicate effectively by all types of effective communication.
- d2. Use of information technology to serve the development of practice.
- d3. Assess himself and identify personal learning needs.

- d4. Use of different sources to obtain information and knowledge.
- d5. Lead team in familiar professional contexts.
- d6. Learn himself continuously

3- Contents

Clinical	Topics
	<u>Methods of eye examination</u>
2	Direct illumination
3	Exam by direct ophthalmoscope
3	Exam by indirect ophthalmoscope
2	Pupil examination
	<u>Medical ophthalmology</u>
2	Introduction, Ocular Symptoms and Signs
4	Eye lids
4	Cornea
6	Conjunctiva
4	Glaucoma
30	Total

B- Practical teaching (ophthalmology)

4-learning Methods

- 4.2- Clinical rounds on patients.
- 4.3- Attendance in outpatients' clinic.
- 4.4- Case studies in department conference.

5- Student Assessment Methods

Method of assessment	The assessed ILOs
-MCQs: 20%	- Knowledge, intellectual skills
-Commentary, Problem solving: 15%	- Intellectual skills, General transferable skills,
5.2-OSCE	-Practical skills, intellectual skills General transferable skills
5.3-OSPE	-Practical skills, intellectual skills

Assessment Schedule

Assessment 1.... Final written exams.... Week:

Assessment 2....Final OSCE week:

Weighting of Assessments

Final-writtren Examination	35%
OSPE	30%
OSCE	35%
Total	100%

6- List of References

6.1- Course Notes

Lecture notes prepared by staff members in the department

6.2- Essential Books (Text Books)

- kanski: text book of ophthalmology
- Yanoff text book of ophthalmology
- Spaeths' ocular surgery
- Cataract Surgery of Jaffey
- Becker and Shaefer Management of Glaucoma
- Alrefaay clinical optics of the eye

6.3- Recommended Books:

- Duane's clinical ophthalmology
- Comprehensive ophthalmology
- Master techniques of cataract and refractive surgery
- Clinical optics 3rd edition Andrew R. Elkington

6.4- periodicals and websites:

- British Journal of ophthalmology
- American journal of ophthalmology

7- Facilities Required for Teaching and Learning

- Adequate infrastructure including:
Teaching classes, teaching halls, teaching laboratory, comfortable discs, bathrooms, good illumination, good aeration and good safety tools
- Teaching tools including: screens ,computers, data show, video players digital, white boards, colour and laser printers

Course Coordinator: Prof. Ahmed Mostafa Abdalla

Head of Department: Prof. Ismael Mousa

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013, Revised:1/12/2018.