



## إعتماد توصيف مقررات برنامج الدكتوراه فى الطب النفسى

نقر نحن الموقعون على هذا أدناه أن توصيف وثيقة البرنامج التعليمى لدرجة الدكتوراه فى الطب النفسى والمقررات الدراسية المكونة له قد تم وضعها بمعرفة الأقسام المعنية

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## Peer Revision

Reviewers	University	Date of Revision
- Prof. Dawlat Salem	Cairo	10/12/2011
- Prof. Ahmad K. Mansur	Mansura	28/11/2011

# Program Specification of Medical Doctorate Degree of Psychiatry

Sohag University

Faculty of Medicine

## A- Basic Information

1. Program Title: MD in psychiatry
2. Programme Type: Single
3. Faculty: Sohag Faculty of Medicine
4. Department: Department of Neurology and psychiatry.
5. Coordinator : Prof. Dr. / Hemid Mostafa Azab
6. Assistant Coordinator : Ass. Lecturer / Osama Abdel-Raouf Fahim
7. External Evaluator: Prof.Wagih Abdel-Naser Hassan (Prof. of psychological medicine, Assiut University).
8. Last date of program specifications approval: Faculty council No. "250",  
decree No. "1378" dated 28/12/2013

## B- Professional Information

### 1. Program Aims:

The aim of this program is to provide the postgraduate with the advanced knowledge and skills essential for the mastery of practice of specialty and necessary to provide further training and practice in the field of psychiatry through providing:

- 1- Recent and updated scientific knowledge essential for the mastery and further advancing in the practice of psychiatry according to the international standards.
- 2- Skills necessary for proper diagnosis and management of patients including diagnostic problem solving and decision-making skills.
- 3- Ethical principles related to the practice in this sensitive speciality.
- 4- Active participation in community needs assessment and problems identification.
- 5- Maintenance and further advancing learning abilities necessary for continuous medical education.
- 6- Maintenance and more qualifying research interest and abilities.

### 2. Attributes of the post graduate:

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

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

### **3. Program Intended Learning Outcomes (ILOs)**

#### **a) Knowledge and Understanding:**

By the end of the program, the student is expected to gain the knowledge and understanding of:

- 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. List the updated biological views in various psychiatric disorders.
- a4. Enumerate neurotransmitter and other biological changes associated with behavioral and psychiatric disorders.
- a5. Define the concepts and meanings of various psychological terms .
- a6. Classify the various psychiatric disorders according to common and updated international classifications.
- a7. Mention recent theories and factors explaining the etiology and underlying psychopathology in various psychiatric disorders.
- a8. Describe the basic diagnostic criteria in psychiatric disorders.
- a9. List the common differential diagnosis in various psychiatric disorders.
- a10. Mention the common and updated interventional therapeutic methods in handling psychiatric emergencies and psychiatric disorders.
- a11. Explain the rational underlying various methods of treatment in psychiatric disorders.
- a12. Mention the known good & bad prognostic factors in common psychiatric disorders.
- a13. List main schools and founders sharing in development of psychological medicine.
- a14. Mention contributions of the main founders in field of psychology.
- a15. Mention the views of various contributors in field of psychology to explain psychiatric disorders.

- a16. Illustrate basics and updated knowledge associated with various topics in psychiatry and related sciences (psychology of emotion, perception, thinking, memory ect)
- a17. Enumerate the fundamental ethical considerations in the field of scientific psychiatric research.
- a18. Write a competent and professional proposal for scientific research in psychiatric topics.
- a19. Describe the basic knowledge in methodologies, tools and statistical analysis of scientific research, biostatistics and computer.
- a20. Mention the ethical and legal aspects of professional practice in psychiatry
- a21. List The principles and fundamentals of quality of professional practice in the field of psychiatry(principles of good patient-doctor relationship, basic guidelines in management,..ect. )
- a22. Can mention and criticize The effect and or the impact of professional practice on the environment and the methods of environmental development and maintenance based on its available resources.

### **b) Intellectual Skills**

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

- b1. Analyze symptoms & signs of psychiatric abnormalities to understand the associated psychological elements and underlying psychopathology
- b2. Interpret data acquired via different methods (through history taking, examination, report evaluation..ect) to reach a provisional conclusion/diagnosis in Psychiatry and related sciences.
- 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.
- b5. Construct a treatment plan based on available data in each case management.
- b6. Predict the possible response to treatment intervention and expected future prognosis.
- b7. Conduct research study (-ies) that adds to knowledge in Psychiatry.
- b8. Formulate a scientific paper\s in the area of psychiatry
- b9. Assess risk in professional practices in the field of psychiatry and related sciences.
- b10. Plan to improve performance in the field of psychiatry.
- b11. Identify problems and find solutions in psychiatry and related sciences.
- b12. Have the ability to innovate nontraditional solution to psychiatric problems.
- b13. Manage Scientific discussion administration based on scientific evidences and proofs.
- b14. Criticize appraisal of researches related to psychiatry

### **c) Professional and Practical Skills**

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

- c1. Master basic and modern professional clinical skills in the area of psychiatry and related sciences.
- c2. Write a professional and competent medical reports.
- c3. Evaluate & professionally judge and criticize medical 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 junior staff through continuous medical education programs
- c7. Design new methods, tools and ways of professional practice.

**d) General and Transferable Skills**

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

- d1. Present reports in seminars effectively
- d2. Use appropriate computer program package
- d3. Teach others and evaluate their performance.
- d4. Assess himself and identify his personal learning needs.
- d5. Use different sources for information and knowledge.(libraries, online database)
- d6. Work coherently and successfully as apart of a team and team's leadership.
- d7.** Manage Scientific meetings according to the available time.

**4. 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 NO.6854, in its cession NO.177 Dated: 18/5/2009. Based on these NARS; Academic Reference Standards (ARS) were suggested for this program. This ARS were revised by external evaluator and approved by the Faculty Council decree NO. 7528 , in its cession NO. 191,dated: 15/3/2010. The adoption of NARS and the suggested ARS were approved by University council degree No 587, in its cession No.60. dated 26-12-2011.

**5. Curriculum Structure and Contents**

5.a- Program duration 7 semester (3.5year)

5.b- Program structure:

5.b.i- No. of hours per week:

Subject	hours /week		
	Lectures	Practical	Clinical
<u>First Part:</u>			
A - Advanced studies in the medical field:			
1. Bio Statistics & Computer	2	2	---
2. Research Methodology	2	2	
3. Primary medical reports	1	2	---
B - basic medical sciences:			
4. physiology	2	-	
5. Psychology	1	-	
6. Psycho-Pathology	2	-	
7. Pathology of psychiatry	2	-	
<u>Second Part:</u>			
Psychiatry	6	6	6

code	Item	No	%	
b.i	Total credit hours	Compulsory	90	100
		Elective	0	0
		Optional	0	0
b.iii	credit hours of basic sciences courses	7	7.8	

b.iv	credit hours of courses of social sciences and humanities	0	0
b.v	credit hours of specialized courses:	52	57.8
b.vi	credit hours of other course	8	8.9
b.vii	Practical/Field Training	8	8.9
b.viii	Program Levels (in credit-hours system):		
	Level 1: 1 <sup>st</sup> part	15	15.7
	Level 2: 2 <sup>nd</sup> Part	52	57.8
	Level 3: Thesis	15	16.7

## 6. Programme Courses

### 1- Level

#### First Part:

##### a. Compulsory

Course Title	Total No of hrs	No. of hours /week			Programme ILOs Covered (By No.)
		Lect.	Lab.	Clinical	
Research Methodology	3	2	2		a.19,b.2,C7,D2,D5
Bio Statistics & Computer	3	2	2	-	a17, a18,b14,c4
Primary medical reports	2	1	2	-	c.2
physiology of central nervous system	2	2	-	-	a.1,a.2,a.4
Pathology of Psychiatry	2	2	-	-	a.1,a.2,a.3,a.4
Medical Psychology	1	1	-	-	a.5,a.7,a.16,c.4
Psychopathology	2	2	-	-	a.7, a.11

#### Second Part:

##### a. Compulsory

Course Title	Total No. of hrs	No. of hours /week			Programme ILOs Covered (By No.)
		Lect.	Lab.	clinical	
Psychiatry	52	6	-	6	

## 7. Program Admission Requirements

### I. General Requirement:

A. Candidate should have either:

1. MBChB degree from any Egyptian Faculty of Medicine **or**
2. Equivalent degree from medical schools abroad- approved by the Egyptian ministry of higher education

B. Master degree Psychiatry

C. Regulatory rules of postgraduate studies of Sohag Faculty of Medicine

### II. Specific Requirement:

A. Candidates graduated from Egyptian Universities should have at least "Good Rank" in their final year/cumulative years examination, and "Good Rank" in Internal Medicine course too.

B. Master degree in Psychiatry with at least "Good Rank".

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

Candidate should have computer skills.

## 8. Regulations for Progression and Programme Completion

Duration of program is 7 semesters (3.5 years), starting from registration till acceptance of the thesis; divided to:

**First Part:** ( $\geq 6$  months=1 semester):

- Program-related basic sciences and Psychology & Psycho-Pathology courses, Research Methodology, Biostatistics and computer, SPSS., Ethics and Primary medical reports.
- At least six months after registration should pass before the student can ask for examination in the 1<sup>st</sup> part.
- Two sets of exams: 1st in April — 2nd in October.
- For the student to pass the first part exam, a score of at least 60% in each curriculum is needed.
- Those who fail in one curriculum need to re-exam it only.

**Second Part:** ( $\geq 24$  months= 4 semester):

- Program related specialized science of Psychiatry Courses and ILOs. At least 24 months after passing the 1<sup>st</sup> part should pass before the student can ask for examination in the 2<sup>nd</sup> 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; the credit hours of the logbook are calculated as following:
  - Each Cr. Hr.= 60 working Hrs.
  - Logbook= 8 Cr. Hr. X 60 working Hrs = 480 Working Hrs.
  - Collection of working Hrs. is as following:

activity	Hrs	
Grand rounds	6	اجتماع علمي موسع
Training courses	12/day	دورات تدريبية
Conference attendance	12/day	حضور مؤتمرات علمية
Thesis discussion	6	حضور مناقشات رسائل
Workshops	12/d	حضور ورش عمل
Journal club	6	ندوة الدوريات الحديثة
Case presentation	3	تقييم حالة مرضية
Seminars	6	لقاء علمي موسع
Morbidity and Mortality conference	6	ندوة تحليل المخاطر المرضية أو الوفاة
Self education program	6	برنامج التعليم الذاتي

- Two sets of exams: 1st in April— 2nd in October.
- At least 60% of the written exam is needed to be admitted to the oral and practical exams.
- 4 times of oral and practical exams are allowed before the student has to re-attend the written exam.

**Thesis** (24-48 months = 4-8 semester):

1. Could start after registration and should be completed, defended and accepted after passing the 2nd part final examination, and after passing of at least 24 months after documentation of the subject of the thesis.
2. Accepting the thesis is enough to pass this part.

### 9. Methods of student assessments:

Method of assessment	The assessed ILOs
1-Research assignment	- General transferable skills, intellectual skills

2-Written Exams: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills
3-OSCE	-Practical skills, intellectual skills, general transferable skills
4-Structured Oral Exams	- Knowledge, Intellectual skills, General transferable skills

**Assessment schedule:**

Part I:

- Biostatistics & Computer: Written Exam (1.30 hours) + Structured oral Exam
- Research Methodology: Written Exam (1.30 hours) + structured oral Exam
- Primary medical reports: Written Exam (1 hour) + Structured oral Exam
- Psychology, physiology of central nervous system and Pathology of Psychiatry: Written Exam (3 hours) + structured oral Exam.

Part II:

- Psychiatry: Two Written Exam (3 hours for each) + one written exam containing commentary (1.30 hours) + OSCE + Structured oral Exam.

**10. Evaluation of Program Intended Learning Outcomes**

Evaluator	Tool	Sample
1- Senior students	Questionnaire	3
2- Alumni	Questionnaire	4
3- Stakeholders ( Employers)	Questionnaire	10
4-External Evaluator(s) (External Examiner(s))	Report	1
5- Other		

## Course Specification of Biostatistics (with computer use) in MD Degree in Psychiatry

Sohag University

Faculty of Medicine

1. Program on which the course is given: MD Degree in Psychiatry
2. Major or minor element of program: Minor
3. Department offering the program: Department of Neurology and psychiatry
4. Department offering the course: Department of Community Medicine and public Health
5. Level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

### A- Basic Information

**Program title:** Biostatistics and computer.

**Code:** COM 0518-300

Title	Lecture	Practical	Total	Credit
Biostatistics and computer	30	30	60	3

### B- Professional Information

#### 1. Overall Aims of Course

To influence the students to use medical biostatistics and computer programs

#### 2. Intended Learning Outcomes of Courses (ILOs)

##### a. Knowledge and understanding:

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

- a1. Describe different programs of analysis of data and statistical packages
- a2. Define the recent advances of sources of data and methods of collection.
- a3. Summarize data, construct tables and graphs
- a4. Calculate measures of central tendency and measures of dispersion
- a5. Describe the normal curves and its uses
- a6. Illustrate selected tests of significance and the inferences obtained from such tests
- a7. Illustrate selected tests of significance for parametric and non parametric inferences
- a8. Identify factor analysis and discrimination analysis

##### b. Intellectual Skills

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

- b1. Understand how to collect and verify data from different sources
- b2. Interpret data to diagnose prevalent health problems in the area of Psychiatry

##### 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 problems in the area of Psychiatry

**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	Lecture	Tutorial/ Practical
Recent advances in collection, analysis and interpretation of data	6	3	3
-Details of Tests of significance: Proportion test	6	3	3
Chi-square test	6	3	3
Student T test	6	3	3
Paired T test	6	3	3
-Correlation	4	2	2
-Regression	6	3	<b>3</b>
-ANOVA test	4	2	<b>2</b>
-Discrimination analysis	6	3	<b>3</b>
Factor analysis	4	2	<b>2</b>
- parametric and non parametric tests	6	3	<b>3</b>
Total hours	<b>60</b>	<b>30</b>	<b>30</b>
Total credit hours	<b>3</b>	<b>2</b>	<b>1</b>

**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% -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 Computer 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	Attendance and absenteeism throughout the course	
Assessment 4	Computer search assignment performance throughout the course	

## Weighting of Assessments

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

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

### 6. List of References

- 6.1- Essential Books (Text Books)
  - 1-Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.
- 6.2- 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, 5<sup>th</sup> edition. Churchill Livingstone. New York, London and Tokyo.
- 6.3- Periodicals, Web Sites, ... etc
  - 1-American Journal of Epidemiology
  - 2-British Journal of Epidemiology and Community Health
  - 3- WWW. CDC and WHO sites

### 7. Facilities Required for Teaching and Learning

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:** Dr/Ahmed Fathy Hammed

**Head of Department:** Prof/Eman Abd El-Baset Mohammed

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

# Course Specification of Research Methodology in MD Degree in Psychiatry

Sohag Univeristy

Faculty of Medicine

1. Program on which the course is given: MD Degree in Psychiatry
2. Major or minor element of program: Minor
3. Department offering the program: Department of Neurology and psychiatry
4. Department offering the course: Department of Community Medicine and public Health
5. Level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

## A. Basic Information

**Title: Research Methodology**

**Code: COM 0518-300**

Title	Lecture	practical	Total	credit
Research Methodology	30	30	60	3

## B. Professional Information

### 1. Overall Aims of Course

- To influence the students to adopt an analytical thinking for evidence based medicine

### 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. Define the recent advances of screening tests pertinent to selected diseases and the at-risk approach in the application of screening tests.
- a2. Explain the usefulness of screening tests, and calculate sensitivity, specificity, and predictive values.
- a3. Describe the study design, uses, and limitations.
- a4. Describe the recent advances of principles, methodologies, tools and ethics of scientific research.
- a5. Explain the strategies and design of researches.
- a6. Describe bias and confounding.
- a7. Describe sampling techniques and list advantages of sampling
- a8. Identify principles of evidence based medicine.

#### b) Intellectual Skills

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

- b1. Conduct research studies that add to knowledge.
- b2. Formulate scientific papers in the area of Psychiatry
- b3. Innovate and create researches to find solutions to prevalent problems in the area of Psychiatry
- b4. Criticize researches in the area of Psychiatry

#### c) Professional and Practical Skills:

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

- c1. Master the basic and modern professional skills in conducting researches in the area of Psychiatry.
- c2. Design new methods, tools and ways of conducting researches. .

**d) General and Transferable Skills:**

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

- d1. Use of different sources for information and knowledge to serve research.
- d2. Work coherently and successfully as a part of a team and team's leadership in conducting researches and field studies.

**3. Contents**

Topic	No. of hours	Lecture	Tutorial/ Practical
Details of epidemiological studies (case control, cohort and cross sectional )	8	4	4
Clinical trials, Quasi experimental study	8	4	4
Bias and errors	8	4	4
Setting a hypothesis	8	4	4
Recent advances in screening	8	4	4
- Evidence – based Medicine: Concept and examples Applicability Scientific writing: A protocol A curriculum	8	4	4
Setting an objective - Critical thinking	6	3	3
Formulation of papers	6	3	3
<b>Total</b>	<b>60</b>	<b>30</b>	<b>30</b>
<b>Credit hours</b>	<b>3</b>	<b>2</b>	<b>1</b>

**4. Teaching and Learning Methods**

**4.1- Lectures.**

**4.2- Computer search assignments**

**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	- Knowledge, Intellectual skills, General transferable skills
5.4 Computer 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	Attendance and absenteeism throughout the course	
Assessment 4	Computer search assignment performance throughout the course	

## Weighting of Assessments

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

**Formative only assessments** Attendance and absenteeism throughout the course  
Computer search assignment performance throughout the course

## 6. List of References

### 6.1- Course Notes

Department notes, lectures and handouts

### 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, 5<sup>th</sup> 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

## 7. Facilities Required for Teaching and Learning

1. Adequate infrastructure: including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, and good source of aeration, bathrooms, and 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 Hammed

**Head of Department:** Prof/Eman Abd El-Baset Mohammed

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

## Course Specification of Primary Medical report in MD Degree in Psychiatry

**Sohag University**

**Faculty of Medicine**

1. Program on which the course is given: MD Degree in Psychiatry
2. Major or minor element of program: Minor
3. Department offering the program: Department of Neurology and psychiatry
4. Department offering the course: Department of Forensic Medicine and Clinical Toxicology
5. Academic year /level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

### A. Basic Information

**Title:** primary Medical report

**Code:** FOR 0518-300

Title	lecture	practical	total
Primary Medical report	<b>30</b>	<b>15</b>	<b>45</b>

### B. Professional Information

#### 1. Overall Aims of Course

By the end of the course the post graduate students should be able to have the professional knowledge of the pathology of medical diseases.

#### 2. Intended Learning Outcomes of Course (ILOs):

According to the intended goals of the faculty

##### a) Knowledge and Understanding:

By the end of the course the student should be able to:

- a1. Describe the basics of scientific medical reporting in psychiatry (structure of report, general ethics of medical practice,..ect).
- a2. Mention the basic ethical and legal aspects of professional practice in Medicine & psychiatry related fields.
- a3. Describe The principles and fundamentals of quality of professional practice in medicine in general and in the field of psychiatry in particular

##### b) Intellectual Skills:

By the end of the course the student should have the ability to:

- b1. Interpret data acquired from medical and psychiatry reports.
- b2. Assess risk in professional practices in the field of psychiatry

##### c) Professional and Practical Skills:

By the end of the course the student should have the ability to:

- c1. Master basic and modern professional clinical skills in psychiatric reporting (writing, analysis, judgement & criticism) .
- c2. Write medical reports according to basic items .
- c3. Evaluate & professionally judge and criticize medical reports.
- c4. Train junior staff through continuous medical education programs on medical report analysis, evaluation writing.

**d) General and Transferable Skills:**

By the end of the course the student should have the ability to:

- d1. Present medical and psychiatric reports in seminars effectively
- d2. Use appropriate computer program package to collect ,write and present data.
- d3. Teach others and evaluate their performance on basics, construction and ethics of medical & psychiatric reports..
- d4. Use different sources for information and knowledge.
- d5. Work coherently and successfully as apart of a team and team's leadership.

**3. Contents:**

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

**4. Teaching and Learning Methods:**

- 4.1- Lectures
- 4.3- 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	- Knowledge, Intellectual skills, General transferable skills
5.4 Computer search assignment	-General transferable skills, intellectual skills

**Assessment Schedule:**

Assessment 1: Final written exam      week: 24

### Weighting of Assessments

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

**Formative only assessments** Attendance and absenteeism throughout the course

#### 6. List of references:

##### 1) Essential books:

- practical forensic medicine
- forensic medicine and toxicology: principles and practice

##### 2) Recommended books:

- Concise text book of forensic medicine & toxicology,
- Parikh's textbook of medical jurisprudence, forensic medicine and toxicology

##### 3) Periodicals, Web Sites:

- [www.forensicmed.co.uk/](http://www.forensicmed.co.uk/)
- <http://www.freemedicaljournals.com>
- [www.forensic-psych.com/](http://www.forensic-psych.com/)

#### 7. Facilities Required for Teaching and Learning

1. 1-ADEQUATE INFRASTRUCTURE:  
including teaching places (teaching class, teaching halls, teaching laboratory), comfortable desks, good source of aeration, bathrooms, and 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/Soher Ali Mohammed**

**Head of Department: Dr/Maha Abd El –Hameed Helal**

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

## Course Specification of Medical Psychology in MD Degree of Psychiatry

**Sohag University**

**Faculty of Medicine**

1. Program on which the course is given: Postgraduate study
2. Major or minor element of program: Minor
3. Department offering the program: Neurology and psychiatry
4. Department offering the course: Department of Neurology and psychiatry
5. Academic year /level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

### A. Basic Information

**Title:** Course Specification of Psychology of Psychiatry

**Code:**PSY0518-300

Title	Lecture	Practical	Total	Credit
Psychology	15	--	15	1

### B. Professional Information

#### 1. Overall Aims of Course

By the end of the course the post graduate students should be able to have the professional knowledge of the Psychology of medical diseases.

#### 2. Intended Learning Outcomes of Course (ILOs):

According to the intended goals of the faculty

##### a) Knowledge and Understanding:

By the end of the course the student should be able to:

- a1. Define the concepts and meanings of various psychological terms .
- a2. Mention the known and recent theories explaining the etiology associated with changes in psychological elements(eg;thinking,behavior,memory,..ect.) of various psychiatric disorders.
- a3. List main schools and founders sharing in development of psychological medicine.
- a4. Mention contributions of the main founders in field of psychology.
- a5. Illustrate basics and updated knowledge associated with various topics in psychiatry and related sciences (psychology of ;emotion, perception, thinking, memory...ect)
- a6. Mention the ethical and legal aspects of professional practice in psychiatry

##### b) Intellectual Skills:

By the end of the course the student should be able to:

- b1. Analyze symptoms & signs of psychiatric abnormalities to understand the associated psychological elements (emotions, motivations, behaviours ,..ect)
- b2. Interpret data acquired through history taking on bases of psychological backgrounds.
- b3. Select from different diagnostic alternatives (psychometric tests, neurophysiology, neuroimaging) the one that help reaching a final diagnosis for the psychiatric problem.

##### c) Professional and Practical Skills:

By the end of the course the student should be able to:

- c1. Master basic clinical skills in neuropsychiatric assessment and psychometric evaluation.
- c2. Teach junior staff through continuous medical education programs about basic and modern views in psychology and related schools and contributors.

**d) General and Transferable Skills:**

By the end of the course the student should be able to:

- d1. Present reports and data in seminars effectively
- d2. Use appropriate computer program package to collect ,write and present data.
- d3. Teach others and evaluate their performance on analysis of symptoms on psychological bases and application in case diagnosis.

**3. Course contents:**

Topics	Total hours	Lectures	practical
<b>General Psychology</b>			
1. Introduction & historical background	1	1	
2. Psychology & medicine			
3. the Life-Cycle & Human Development (developmental psychology)	2	2	
4. neurobiological bases of thinking and behavior			
5. Sensation and Perception	1	1	
6. Consciousness: Sleep, Dreams, Hypnosis, and Drugs			
7. Learning	1	1	
8. Memory			
9. Thinking,	1	1	
10. Intelligence, and Language			
11. Motivation and Emotion	1	1	
12. Sexuality and Gender			
13. Frustration & defense mechanisms	1	1	
14. Stress and Health			
15. aggression	1	1	
16. Theories of Personality			
17. Social Psychology	1	1	
18. Sensory deprivation	2	2	
19. Psychological Therapies hospital psychiatry			
20. Physician–Patient Relationship	1	1	
21. Professional Ethics and Boundaries	1	1	
<b>Total</b>	15	15	
<b>Credit</b>	1	1	

**4. Teaching and Learning Methods**

- 4.1. Lectures.

## 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	- Knowledge, Intellectual skills, General transferable skills

### Assessment Schedule

- Assessment 1. Written examination
- Assessment 2. Structured Oral Exam
- Assessment 3. Attendance and absenteeism

### Weighting of Assessments

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

**Formative only assessments** Attendance and absenteeism throughout the course

## 6. List of References

### 6.1- Essential Books (Text Books):

Fish's Clinical Psychopathology, 3rd Edition  
Number of Pages: 138  
Published: 2007

### 6.2- Recommended Books:

- 1- Sims' Symptoms in the Mind: An Introduction to Descriptive Psychopathology  
Author: Femi Oyeboode MBBS MD PhD FRCPsych  
Publisher: Saunders Ltd.  
Number of Pages: 484  
Published: 2008
- 2- Kaplan & Sadock's Comprehensive Textbook of Psychiatry  
Edition: 9th edition (2009)  
Pages: 4884 pages
- 3- New Oxford Textbook of Psychiatry  
Source: Oxford University Press (OUP)  
Edition: 2nd  
Year: 2009  
Pages: 1952

### 6.3- Periodicals & Web Sites:

Human Psychology  
Web Sites: <http://www.ncbi.nlm.nih.gov/pubmed/>

## **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.
  - a. COMPUTER PROGRAM: for designing and evaluating MCQs

**Course Coordinator: Prof:** Hemad Badary

**Head of Department:** Prof/Gareeb Fawy Mohamed

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

## Course Specification of Physiology in MD Degree in Psychiatry

Sohag University

Faculty of Medicine

1. Program on which the course is given: Postgraduate study
2. Major or minor element of program: Minor
3. Department offering the program: Medical Physiology
4. Department offering the course: Department of Neurology and psychiatry
5. Academic year /level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

### A- Basic Information

**Title:** Course Specification of Medical Physiology in MD Degree in Psychiatry

**Code:** PSH0518-300

Title	Lecture	Practical	Total	Credit
Physiology	30	-	30	2

### B- Professional Information

#### 1. Overall Aims of Course

By the end of the course the post graduate students should be able to have the professional knowledge of the Physiology of medical diseases

#### 2. Intended Learning Outcomes of Course (ILOs):

According to the intended goals of the faculty

##### a) Knowledge and Understanding:

By the end of the course the student should be able to:

- a1.Enumerate body organs and substructures involved with or contribute to normal neuropsychological functions.
- a2.List physiological functions related to behavioral and psychiatric science.
- a3.Describe the updated biological views in CNS physiological functions related to psychiatric disorders.
- a4.Define the concepts and meanings of various terms related to field of psychiatry.
- a5.Mention the known and recent factors explaining mechanisms in physiological changes associated with normal behaviors, memory and emotions.
- a6.Illustrate basics and updated knowledge associated with various topics in psychiatry and related sciences

##### b) Intellectual Skills:

By the end of the course the student should have the ability to:

- b1. Interpret data acquired through history taking and differentiate physiological from abnormal symptoms.
- b2. Identify problems on basis of deviation from normal physiological responses.

##### c) Professional and Practical Skills:

By the end of the course the student should have the ability to:

c1. Evaluate and develop methods and tools- of neurophysiological assessment - existing in the area of psychiatry

c2. Train/teach junior staff through continuous medical education programs on common neurophysiologic tools used in psychiatry

**d) General and Transferable Skills:**

By the end of the course the student should have the ability to:

d1. Present reports and data in seminars effectively

d2. Use appropriate computer program package to collect ,write and present data.

d3. Teach others and evaluate their knowledge on physiological bases in psychiatry.

d4. Use different sources for information and knowledge.

**3. Contents:**

Topic	No. of hours	Lecture	practical
Sleep	6	6	
Limbic system	4	4	
Association areas	4	4	
Memory	4	4	
Emotion and Behavior	6	6	
Speech	6	6	
<b>Total</b>	<b>30</b>	<b>30</b>	
<b>Credit</b>	<b>2</b>	<b>2</b>	

**4. Teaching and Learning Methods**

4.1. Lectures.

**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	- Knowledge, Intellectual skills, General transferable skills

**Assessment Schedule**

Assessment 1. Written examination

Assessment 2. Structured Oral Exam

Assessment 3. Attendance and absenteeism

**Weighting of Assessments**

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

**Formative only assessments** Attendance and absenteeism throughout the course

**6. List of References**

6.1- Course Notes: lecture notes prepared by the staff members in the department.

6.2- Essential Books (Text Books):

6.3- Recommended Books:

6.4- Periodicals,

## **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: Drl Hoda Mostaf**

**Head of Department: Dr/Ahmed Mostafa**

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

# Course Specification of Pathology & Psycho-Pathology in MD Degree in Psychiatry

**Sohag University**

**Faculty of Medicine**

1. Program on which the course is given: Postgraduate study
2. Major or minor element of program: Minor
3. Department offering the program: Pathology
4. Department offering the course: Department of Neurology and psychiatry
5. Academic year /level: 1<sup>st</sup> part of Doctorate degree in Psychiatry
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

## **A- Basic Information**

**Title:** Course Specification of Pathology & Psycho-Pathology of Psychiatry

**Code:** PAT0518-300

Title	Lecture	Practical	Total	Credit
<b>Pathology module</b>	<b>30</b>	<b>-</b>	<b>30</b>	<b>2</b>
<b>Psycho-Pathology module</b>	<b>30</b>	<b>-</b>	<b>30</b>	<b>2</b>

## **B- Professional Information**

### **1. Overall Aims of Course**

By the end of the course the post graduate students should be able to have the professional knowledge of the pathology of medical diseases

### **2. Intended Learning Outcomes of Course (ILOs):**

According to the intended goals of the faculty

#### **Pathology module**

##### **a) Knowledge and Understanding:**

By the end of the course the student should be able to:

- a1.Enumerate body organs and substructures (gross and microscopic findings)associated with or contribute to psychiatric disorders.
- a2.List pathological changes related to behavioral and psychiatric science.
- a3.Describe the updated biological views in pathogenesis of various psychiatric disorders.
- a4.Define the concepts and meanings of various pathological terms related to field of psychiatry.
- a5.Mention the known and updated international classifications in pathology related to neuropsychiatry.
- a6.Mention the known and recent theories explaining the etiology and pathogenesis of various Neuro-psychiatric disorders.
- a7.Mention the known good & bad prognostic factors and complications related to pathological changes in various psychiatric disorders.
- a8.a.8 Illustrate basics and updated knowledge associated with various topics in psychiatry and related sciences (immunopathology,..ect)
- a9.Describe The principles and fundamentals of quality of professional pathological assessment and diagnosis in relation to Psychiatry.

**b) Intellectual Skills:**

By the end of the course the student should have the ability to:

- b1. Interpret data acquired from pathology report to reach a conclusion.
- b2. Suggest a differential diagnosis to obtained clinical psychiatric symptoms/signs on biological bases from pathological view.
- b3. Predict the fate and future prognosis of various psychiatric disorders on bases of pathological view .
- b4. Identify abnormalities (macroscopic & microscopic) for various disorders .

**c) Professional and Practical Skills:**

By the end of the course the student should have the ability to:

- c1. Master basic and modern professional clinical skills in pathological studies (macroscopic and microscopic) of psychiatry related disorders .
- c2. Train junior staff through continuous medical education programs about definition and identification of pathological basis of psychiatric illnesses

**d) General and Transferable Skills:**

By the end of the course the student should have the ability to:

- d1. Present pathological reports in seminars effectively
- d2. Use appropriate computer program package to collect ,write and present data.
- d3. Teach others and evaluate their performance on evaluating and reporting pathological changes related to psychiatric illnesses.
- d4. Use different sources for information and knowledge.

**Psycho-Pathology module**

**a) Knowledge and Understanding:**

By the end of the course the student should be able to:

- a1. Define the concepts and meanings of various psychological terms .
- a2. Mention the known and recent theories explaining the etiology and underlying psychopathology in various psychiatric disorders.
- a3. Explain the rational underlying various methods psychotherapy as treatment in psychiatric disorders.
- a4. Mention the views of various contributors in field of psychology to explain psychiatric disorders.

**b) Intellectual Skills:**

By the end of the course the student should have the ability to:

- b1. Analyze symptoms & signs of psychiatric abnormalities to understand the underlying psychopathology
- b2. Interpret data acquired through history taking on bases of psychological and psychopathological backgrounds.
- b3. Identify the main underlying psychopathology for psychiatric problems and apply the proper psychotherapeutic approach to correct it.

**c) Professional and Practical Skills:**

By the end of the course the student should have the ability to:

- c1. Master basic and modern professional clinical skills in the area of psychiatry and related science .
- c2. Teach and Train junior staff through continuous medical education programs about the various psychopathological explanation of psychiatric illnesses and how to apply that in case management.

**d) General and Transferable Skills:**

By the end of the course the student should have the ability to:

- d1. Present reports and data in seminars effectively
- d2. Use appropriate computer program package to collect ,write and present data.
- d3. Teach others and evaluate their performance on understanding and applying psychopathological explanation in case management of psychiatric cases.

**3. Course contents:**

**Pathology module**

Topic	No. of hours	Lecture	Practical
<u>1- General Pathology:</u>			
1.2. Cell response to injury and aging.	2	2	
1.4. Immunity and hypersensitivity.	2	2	
1.10. Genetic diseases.	2	2	
<u>2- Blood vessels:</u>			
2.1. Vasculitis.	2	2	
2.2. Atherosclerosis.	2	2	
2.3. Hypertension.	2	2	
<u>3-Endocrine system:</u>			
3.1. Diseases of pituitary gland	2	2	
<u>4- Nervous system:</u>			
4.1. Meningitis, encephalitis and brain abscess.	2	2	
4.2. Demyelinating diseases	4	4	
4.3. Degenerative diseases; Dementias, Alzh.	4	4	
4.4. Peripheral neuropathy.	2	2	
4.5. Cerebral hemorrhages.	2	2	
4.6. Tumors of the brain and spinal cord.	2	2	
<b>Total</b>	<b>30</b>	<b>30</b>	
<b>Credit</b>	<b>2</b>	<b>2</b>	

**Psycho-Pathology module**

Topic	No. of hours	Lecture	Practical
▪ <u>Introduction</u>			
▪ Theoretical approaches of psychiatric disorders in psychology	2	2	
○ Psychoanalytical approach	2	2	
○ Ego theory	2	2	
○ Object-relation theory	2	2	
○ Cognitive theory			
○ Social learning theory			

o others			
▪ Psychopathology of :			
➤ Axis I disorders:			
o Schizophrenia	2	2	
o Mood disorders (Depression and mania)	2	2	
o Anxiety disorders (OCD, phobia...ect.)	2	2	
o Eating disorders (anorexia nervosa)			
o Sexuality disorders	2	2	
o Other topics	2	2	
➤ Personality disorders:	2	2	
➤ Type A personality disorders:	2	2	
➤ Type B personality disorders:	2	2	
➤ Type C personality disorders:	2	2	
	2	2	
<b>Total</b>	<b>30</b>	<b>30</b>	
<b>Credit</b>	<b>2</b>	<b>2</b>	

#### 4. Teaching and Learning Methods

4.1. Lectures.

#### 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	- Knowledge, Intellectual skills, General transferable skills

#### Assessment Schedule

Assessment 1. Written examination

Assessment 2. Structured Oral Exam

Assessment 3. Attendance and absenteeism

#### Weighting of Assessments

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

**Formative only assessments** Attendance and absenteeism throughout the course

#### 6. List of References

##### Pathology module

6.1- Essential Books (Text Books):

- Muir's text book of pathology.
- Robbins pathologic basis of diseases.

6.2- Recommended Books:

- Rosi & Ackerman text book of pathology.
- Sternberg text book of pathology.

6.3- Periodicals, American journal of pathology  
Pathology  
Human pathology  
Web Sites: <http://www.ncbi.nlm.nih.gov/pubmed/>

### **Psycho-Pathology module**

#### **6.1- Essential Books (Text Books):**

1. Kaplan & Sadock's Comprehensive Textbook of Psychiatry  
Edition: 9th edition (2009)
2. Fish's Clinical Psychopathology, 3rd Edition  
Number of Pages: 138  
Published: 2007

#### **6.2- Recommended Books:**

1. New Oxford Textbook of Psychiatry  
Source: Oxford University Press (OUP)  
Edition: 2nd  
Year: 2009
2. Sims' Symptoms in the Mind: An Introduction to Descriptive Psychopathology  
Author: Femi Oyebode MBBS MD PhD FRCPsych  
Publisher: Saunders Ltd.  
Number of Pages: 484  
Published: 2008

#### **6.3- Periodicals,**

Web Sites:

### **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:**

**Pathology module:** Dr. Afaf Taha El- Nashar

**Psycho-Pathology module:** Prof. Hemid Mostafa

### **Head of Department:**

**Pathology module:** Dr. Eman Mohamed Salah

**Psycho-Pathology module:** Prof. Ghareeb Fawy Mohammed

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

## Course Specification of Psychiatry in MD Degree in Psychiatry

Sohag University

Faculty of Medicine

1. Programme(s) on which the course is given: MD degree in psychiatry
2. Major or Minor element of programmes: Major
3. Department offering the programme: Neurology and psychiatry
4. Department offering the course: Department of Neurology and psychiatry
5. Academic year / Level: 2nd part.
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

### A- Basic Information

Title: Course Specification of Psychiatry of Psychiatry

Code:PSY0518-300

Title	Lecture	Clinical	Total
Psychiatry	450	660	1110

### B- Professional Information

#### 1. Overall Aims of Course

Educational aims for graduate doctors:

Upon successful completion of this course, the graduates should be able to professionally and independently evaluate, understand, analyze and interpret variable psychiatric symptoms and apply the obtained data competently in management of abnormalities in human behaviors, thinking and emotional responses occurring in various psychiatric disorders, also be a professional in conducting a psychological research & providing medical & social consultation.

#### 2. Intended Learning Outcomes of Course (ILOs)

##### a) Knowledge and Understanding:

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

- a1. Mention 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)
- a12. List the fundamental ethical considerations in the field of scientific psychiatric research.
- a13. Mention the ethical and legal aspects of professional practice in different fields of psychiatry
- a14. Mention The principles and fundamentals of quality of professional practice in the field of psychiatry.
- a15. List of the impact of professional practice on the environment and the methods of environmental development and maintenance

**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.
- b5. Construct a treatment plan based on available data in each case management.
- b6. Predict the possible response to treatment intervention and expected future prognosis.
- b7. Conduct research study (-ies) that adds to knowledge in psychiatry.
- b8. Assess risk in professional practices in the field of psychiatry
- b9. Plan to improve performance in the field of psychiatry.
- b10. Identify problems and find solutions in psychiatry and related sciences.
- b11. Have the ability to innovate nontraditional solution to psychiatric problems.
- b12. Manage Scientific discussion administration based on scientific evidences and proofs.

**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

Topic	Total	Lectures	Clinical
<u>1. Introduction</u>	36	12	24
<u>2. Updated views in basic sciences related to Psychiatry (Neuroanatomy, genetics, physiology, pathology, immunology,ect)</u>	20	20	
<u>3. Clinical interview in psychiatry and related topics</u>	36	12	24
<u>4. Assessment of psychiatric cases (Methods ant tools of investigation).</u>	36	12	24
<u>5. Classifications in psychiatry</u>	20	8	12
<u>6. Childhood psychiatry</u>	155	60	95
a. Mental retardation			
b. Learning disorders			
c. Reading disorders			
d. Mathematics disorder			
e. Disorder of written expression			
f. Motor skills disorders (developmental coordination disorder)			
g. Communication disorders			
h. Expressive language disorder			
i. Mixed receptive-Expressive language disorder			
j. Phonological disorder			
k. stuttering			
l. Pervasive developmental disorders			
m. Autistic disorder			
n. Rett's disorder			
o. Asperger's disorder			
p. Childhood disintegrative disorder			
q. Attention deficit hyperactivity disorders			
r. Disruptive behavior disorders			
s. Conduct disorder			
t. Oppositional defiant disorder			
u. Feeding disorders start in infancy & childhood			
v. Pica			
w. Rumination disorder			
x. Feeding disorders of infancy & early childhood			
y. Tic disorders			

z. Elimination disorders			
aa. Encopresis			
ab. enuresis			
ac. Other			
ad. Separation anxiety disorder			
ae. Selective mutism			
af. Reactive attachment disorders			
ag. Stereotypic movement disorders			
ah. Child abuse			
ai. Child neglect			
aj. Disorders not otherwise specified			
<u>7. Substance related disorders</u>	60	30	30
a. General introduction			
b. Alcohol related disorders			
c. Amphetamine			
d. Caffeine-related disorders			
e. Cannabis-related disorders			
f. Cocaine-related disorders			
g. Hallucinogen-related disorders			
h. Nicotine-related disorders			
i. Opioid-related disorders			
j. Phencyclidine related disorder			
k. Sedative, hypnotic related disorders			
l. Other substance use related disorders			
<u>8. Cognitive disorders</u>	50	20	30
a. Dementia			
b. Delirium			
c. Other Amnesic disorders			
d. Other cognitive disorders			
<u>9. Schizophrenia and related disorders</u>	78	18	60
a. Schizophrenia			
b. Schizophreniform disorder			
c. Schizoaffective disorder			
d. Delusional disorder			
e. Brief Psychotic disorder			
f. Shared psychotic disorder			
g. Other psychotic disorders			
<u>10. Mood disorders</u>	66	36	30
a. Depressive disorders			
b. Major depressive disorder			
c. Dysthymic disorder			
d. Bipolar disorders (BPD)			
e. BPD I			

f. BPD II			
g. Cyclothymic disorder			
h. Other Mood disorders			
<u>11. Anxiety disorders</u>	100	40	60
a. Panic disorder			
b. ---without agoraphobia			
c. --- with agoraphobia			
d. agoraphobia without history of Panic disorder			
e. Phobia			
f. Social phobia			
g. Specific phobia			
h. Obsessive compulsive disorder			
i. Stress disorders			
j. Post-traumatic stress disorder			
k. Acute stress disorder			
l. Generalized anxiety disorder			
m. Other anxiety disorders			
<u>12. Adjustment disorders</u>	25	10	15
<u>13. Somatoform disorders</u>	70	40	30
a. Somatization disorder			
b. Undifferentiated somatoform disorder			
c. Conversion disorder			
d. Pain disorder			
e. Hypochondriasis			
f. Body dysmorphic disorder			
g. Other somatoform disorder			
<u>14. Factitious disorder</u>	25	10	15
<u>15. Dissociative disorder</u>	40	10	30
a. Dissociative amnesia			
b. Dissociative fugue			
c. Dissociative identity disorder			
d. Depersonalization disorder			
e. Unspecified Dissociative disorder			
<u>16. Sexual and gender identity disorders</u>	50	20	30
a. Sexual dysfunctions			
b. Sexual desire disorders			
c. Sexual arousal disorders			
d. Orgasmic disorders			
e. Sexual pain disorders			
f. Sexual dysfunction duo to general medical condition			
g. Paraphilias			

h. Gender identity disorders			
i. Unspecified gender & sexual dysfunction disorders			
<u>17. Eating disorders</u>	50	20	30
a. Anorexia nervosa			
b. Bulimia nervosa			
c. Other eating disorders			
<u>18. Sleep disorders</u>	56	16	45
a. Primary sleep disorders			
b. Dyssomnia			
c. Primary insomnia			
d. Primary hypersomnia			
e. Narcolepsy			
f. Breathing related disorders			
g. Circadian rhythm sleep disorders			
h. Parasomnias			
i. Nightmare disorder			
j. Sleep terror disorder			
k. Sleepwalking disorder			
l. Other sleep disorders			
<u>19. Other Impulse control disorders</u>	40	16	24
a. Intermittent explosive disorder			
b. Kleptomania			
c. Pyromania			
d. Pathological gambling			
e. trichotellomania			
<u>20. Personality disorders</u>	16	6	10
<u>21. Psychiatric Medication related movement disorders</u>	16	6	10
<u>22. Relational problems</u>	16	4	12
<u>23. Psychiatry and aging</u>	16	6	10
<u>24. Changeable updated topics (coordinator specified)</u>	16	6	10
<b><u>Total</u></b>	<b>1110</b>	<b>450</b>	<b>660</b>
<b><u>Credit</u></b>	<b>52</b>	<b>30</b>	<b>22</b>

#### 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
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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)
  5. Companion to Psychiatric Studies (MRCPsy Study Guides)  
Paperback: 864 pages  
Publisher: Churchill Livingstone; 8 edition (September 1, 2010)
- 6.3- Periodicals, Web Sites, ... etc
- a. Archives of General Psychiatry  
<http://archpsyc.ama-assn.org/>
  - b. Journal of the American Psychiatric Association (APA).  
<http://ajp.psychiatryonline.org/>
  - c. Schizophrenia Bulletin  
<http://schizophreniabulletin.oxfordjournals.org/>
  - d. The British Journal of Psychiatry  
<http://bjp.rcpsych.org/>
  - e. Journal of Clinical Psychiatry  
<http://www.psychiatrist.com/default2.asp>
  - f. The Journal of Child Psychology and Psychiatry  
<http://www.wiley.com/bw/journal.asp?ref=0021-9630>
  - g. Molecular Psychiatry  
<http://www.nature.com/mp/index.html>

websites

- <http://www.psychiatrist.com/>
- <http://www.ncbi.nlm.nih.gov/pubmed/>
- [www.all about psych.com](http://www.allaboutpsych.com)

## 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

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