

## MASTER Course specification PSYCHIATRY

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**University:** Al-Azhar University.

**Faculty:** Faculty of Medicine, Cairo.

**Department :** Psychiatry

### **1-data of the course**

<b>Code of the course:</b> 07-700-Psych-Msc.	<b>Course title:</b> <b>Master degree of Neuro-Psychiatry</b>	<b>M.Sc.</b>
<b>Speciality:</b> Psychiatry	<b>Number Of teaching units: 28</b>	Lectures: 6 hours weekly Practical: 6 hours weekly Tutorials: 4 hours weekly

## **2-Objectives of the course**

- a. To prepare a neurology and psychiatry physician to develop a high level of knowledge and understanding of the brain and neuropsychiatric system.
- b. To have enough knowledge about the regulation of cerebral blood flow and conditions associated with increased intracranial tension  
Apply of specialized knowledge gained in the professional practice.
- c. Identify problems professionally and develop skills in the assessment of Neurological, and psychiatric diseases.
- d. Master of professional skills and appropriate use of technology in the exercise of professional.
- e. Apply communication and leadership teams to work through the professional work systematization.
- f. Decision making in the light of available information.
- g. Employ of available resources efficiently
- h. Develop skills to manage patients and development doctor-patient relationship
- i. understanding of brain imaging tests skills and the rules of the profession.  
Apply the awareness of the need to develop communication skills and to engage in continuous learning.

**3-ILOs**

<p><b>Knowledge and understanding</b></p>	<ol style="list-style-type: none"> <li>1. Describe how to explain various neurological and psychiatric terms based on understanding aetiology, epidemiology, psychopathology, genetics, diagnosis, clinical features, investigations and management of psychiatric diseases.</li> <li>2. Explain understand topics closely related to Neuropsychiatry e.g. neuro surgery, neuro imaging, immunology, physiotherapy.</li> <li>3. understand the details of ethical &amp; legal practice as well as ethical considerations in different types of scientific research.</li> <li>4. Determine main scientific advances in the field of different techniques.</li> <li>5. Recognize the understanding of basic facts , theories, of the human psychology</li> <li>6. Apply quality standards of the practice.</li> <li>7. Apply basics and ethics of scientific research. Understand the effect of practicing genetic counseling in psychiatry.</li> </ol>
<p><b>Intellectual skills</b></p>	<ol style="list-style-type: none"> <li>a. Link between knowledge in psychiatry for Professional problems' solving</li> <li>b. To distinguish knowledge relating to psychiatric disorders and diseases and critically evaluate its impact and effectiveness upon the treatment and management of patients, their family and care taker.</li> <li>c. Interpretation of the laboratory data, CSF analysis and chemical changes with psychiatric treatment</li> <li>d. solve some problems that do not conform to classic data (incomplete data)</li> </ol>

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	<ul style="list-style-type: none"> <li>e. Interpretation of different psychological scales , e.g. I Q , depression test and personality tests.</li> <li>f. conduct a scientific research &amp;/or write scientific systematic approach to a research problem (hypothesis)</li> <li>g. evaluate risks imposed during professional practice</li> <li>h. plan for professional improvement</li> </ul> <p>Take professional decisions in wide range of professional deferential diagnosis .</p>
<b>Professional skills</b>	<ul style="list-style-type: none"> <li>1- - use different sources to obtain information and knowledge about psychiatry</li> <li>2-competent in all basic and some of the advanced professional skills</li> </ul>
<b>General skills</b>	<ul style="list-style-type: none"> <li>1-use the computer with reasonable skill</li> <li>2-search Medline data base for physiological information</li> <li>3-evaluate their work and that of others using constructive feedback</li> <li>4-work in team and lead teams to perform works</li> <li>5-learn independently and seek continuous learning</li> <li>6-use different sources of information to obtain data</li> <li>7-manage scientific meetings appropriately utilize time</li> </ul>

## **4-course content:**

### **1-Childhood psychiatry**

Mental retardation  
Learning disorders  
Communication disorders  
Pervasive developmental disorders  
Attention deficit hyperactivity disorders  
Disruptive behavior disorders  
Feeding disorders start in infancy & childhood  
Tic disorders  
Elimination disorders

### **II-Substance related disorders**

### **III-Cognitive disorders**

### **IV-Schizophrenia and related disorders**

Schizophrenia  
Schizophreniform disorder  
Schizoaffective disorder  
Delusional disorder  
Brief Psychotic disorder  
Shared psychotic disorder  
Other psychotic disorders.

### **V-Mood disorders**

Depressive disorders  
Bipolar disorders (BPD)  
Other Mood disorders.

### **VI-Anxiety disorders**

Panic disorder  
Phobia

Obsessive compulsive disorder  
Stress disorders  
Generalized anxiety disorder  
Other anxiety disorders

**Adjustment disorders**

**Somatoform disorders**

**Factitious disorder Dissociative disorder**

**Sexual and gender identity disorders**

Sexual dysfunctions  
Paraphilias  
Gender identity disorders

**Eating disorders**

Anorexia nervosa  
Bulimia nervosa

**Sleep disorders**

Primary sleep disorders  
Dyssomnia  
Parasomnias  
Other sleep disorders  
Other Impulse control disorders

**Intermittent explosive disorder**

Kleptomania  
Pyromania  
Pathological gambling  
trichotellomania

**Personality disorders**

**Psychiatric Medication related movement disorders**

5-Methods of teaching:

- 1-Lectures: white board, Computers, Data show, overhead projector and CDs. Two hours per week throughout the course.
- 2- Practical lessons.
- 3- assignment
- 4-Open discussion, group discussion.

**Methods of teaching for handicaps:**

Not present

**students evaluation and assessment**

A-Method of assessment	Written Exam MCQ Oral Exam Clinical Exam  OSCE
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B-Time of assessment	<b>Second Part:</b>  Written Exam paper 1 + MCQ: 3 hrs  Written Exam paper 2: 3 hrs Oral, clinical, OSCE:
C- Allocated marks	2nd part Psychiatry: 1-Final written exam in two papers : (30 marks) 50%. 2- Oral exam: (30 marks) 50 %. 3- Formative only assessment: simple research assignment, attendance and absentism.

### **Teaching books, notebooks and references:**

- 1- Diagnostic and Statistical Manual of Mental Disorders.
- 2- Kaplan and Sadock's synopsis textbook of psychiatry.
- 3- International Statistical Classification of Diseases and Related Health Problems,10th edition. .

**Course coordinator:** Dr Mohammed Abdalla

Ghowaynem

**Head of department:** Prof Dr Mohammed Hashem

Bahari