



## **Program Specification for MD Degree in Psychiatry**

**Program type: single**

**Department offering the program:** Department of Psychiatry, Kasr El-Aini Hospital, Cairo University.

**Program Code: PSYCH 917 T**

**Total Credit points: 295**

**Academic year: 2015/2016**

**Date of approval: April, 2015**

**External Evaluator: prof. Hany Hamed.**

### **I. Aim of the Program**

To enable candidates to develop competent; evidence based mental health practice in a professional and ethical context. Candidates are to develop the necessary knowledge and understanding of social and psychological theories of human development and behavior, the biological basis of normal mental health functioning and their relationship to mental illness. Candidates will grasp the ability to critically evaluate their relevance for clinical practice. They will also develop advanced clinical practice skills; in one or more specialist settings and with particular clients and age groups, and advanced clinical competence in at least one specific type of psychological therapy in the context of the workplace setting and professional role. The program also enables the candidate to design and participate in scientific medical research, the ability to design and participate in mental health audit and evaluation projects.

### **II. Intended Learning Outcomes of the Program (ILOs)**

**A. Knowledge and understanding: By the end of the program the candidate should be able to; define and describe**

1. Updated classification of psychiatric disorders (ICD and DSM).
2. The recent biopsychosocial etiology and prevalence of common psychiatric conditions.
3. The clinical presentation and differential diagnosis of common psychiatric disorders.
4. The evidenced based guidelines of different modalities of treatment used and their integration (psychopharmacology, ECT, psychotherapies, social interventions, rehabilitation).
5. The prognosis of common psychiatric disorders
6. Common psychiatric emergencies.
7. Legal aspects of psychiatric practice, mental health law and psychiatric ethics.
8. The principles, indications and interpretations of psychological and medical assessments in common psychiatric disorders.

9. The basic issues for promoting community psychiatry care, rehabilitation and antistigma programs.

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

1. Gather essential information about the patient; history taking, mental state and medical examination.
2. Analyze and synthesize data collected to extract essential information, formulate, diagnose and provide a differential diagnosis.
3. Make informed therapeutic decisions based on patient information, current scientific evidence, and clinical judgment.
4. Develop and carry out patient care management plans.
5. Effectively assess risk and take measures needed to prevent morbidity and mortality.
6. Demonstrate the ability in prioritization/triaging

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

1. Prescribe and perform adequately medical and psychological procedures considered essential for practice.
2. Demonstrate basic psychotherapeutic skills including listening and empathy.
3. Provide effective Follow-up services.
4. Maintain comprehensive, timely and legible medical records.
5. Encourage patients and families to participate actively in the process of care.
6. Provide families and patients with education necessary to understand illness and treatment, share decisions, and obtain informed consent.

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

1. Communicate effectively with patients and families to create and sustain a professional and therapeutic relationship across a broad range of socioeconomic backgrounds.
2. Communicate and collaborate with multidisciplinary team (e.g. Nurses, Clinical Psychologists and Social Workers) as well as physicians from different specialties and work effectively as a member or leader of a health care team.
3. Analyze own practice by reflective thinking and self knowledge for awareness of limitations in knowledge and expertise and counter transference issues.
4. Use evaluations of performance provided by peers, patients, superiors, and subordinates to improve practice with openness to feedback and criticism.
5. Take primary responsibility for lifelong learning to grasp recent updated knowledge, skills, and practice performance.
6. Use information technology to optimize patient care and enhance his lifelong learning skills.
7. Locate, appraise, and summarize evidence from scientific studies related to health problems of his/ her patients.
8. Actively participate in the education of patients, families, students, peers, and other health professionals.
9. Demonstrate integrity, honesty, compassion, and empathy in his/ her role as a physician.
10. Respect the patient's privacy and autonomy.
11. Demonstrate cultural sensitivity.

- 12. Maintain appropriate professional boundaries.
- 13. Demonstrate accountability and commitment.
- 14. Demonstrate a responsiveness to the needs of patients and society that supersedes self-interest

### III. Academic standards

#### External references for standards:

The program outcomes have references to the subject benchmarking statements of The Royal College of Psychiatrists.

### IV. Program Admission Requirements

According the Faculty of Medicine, Cairo University Bylaws for Post Graduate Programs (July 2009), applicants should have Master degree or equivalent accredit degree accredit of in the same specialty. Admission to the program is open during January and July. For details for admission, Training prior to registration may be accredited according to departmental and hospital evaluation.

### V. Program Structure and Content

#### Program duration: 2-6 years

#### Program structure:

- **2 years - Total credit points 120 (Table 1)**
  - Compulsory courses; two academic year (30 weeks each)
- Biological basis of mental disorders **2 credit points**
- Psychosocial foundations of psychiatry **2 credit points**
- Integrated patient assessment and management **2 credit points**
  - Scientific activities **5 credit points**
  - Advanced post master training program **44 credit points**
- Advanced training in different specialties
- Research (evidence based medicine, critical reading, scientific writing, and statistics)

- Hospital management

- **MD Thesis:** points.

40 credit

**Table 1**

| Courses  |               | Credit Points |       | ILOs   |
|--|---------------|---------------|-------|--|
| Title  | Code          | CPS           | Total |  |
| <b>COMPULSORY COURSES</b>                        |               |               |       |  |
| Biology  | PSYC 917 Ta   | 2             | 27    | A: 2, 3,4,6,9. B: 3. C:6 D:8   |
| Psychosocial                                     | PSYC 917 Tb   | 2             |       | A: 2, 4,5,8,9. B: 1,4 C: 5,6 D: 1,8  |
| Integrated assessment and management             | PSYC 917 Tc   | 2             |       | A: 3,4,6,8. B: 1, 2, 3,4,5,6. C: 1, 2, 3,4,5,6. D: 1, 2, 3.  |
| General psychiatry + psychopathology             | PSYC 917 Ta   | 12            |       | A: 1, 2, 3,4,5,6,7,8,9. C: 1,2,3,6. D: 1, 4.   |
| Special psychiatry                               | PSYC 917 Te   | 9             |       | A1:1,2,3,4,5,6,7,8,9,10,11 B1:1,2,3,4,5,6,7,8,9,10,11,12,13,14. C1: 1, 2,3,4,5, 6, 7, 8, 9, D1: 1,2,3,                       |
| <b>ELECTIVE COURSES candidate is to choose 2</b> |               |               |       |  |
| 1.Child psychiatry                               | PSYC 917 CHPS | 2             | 4     | A2: 1, 2,3, 4, 5, 6, 7 B2:1, 2, 3, 4, 5 C2:1, 2, 3, 4, 5 D2:1, 2, 3, 4, 5, 6, 7  |
| 2.geriatric psychiatry                           | PSYC 917 GP   | 2             |       | A3:1, 2, 3, 4, 5, 6, 7, 8, 9, 10 B3:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 C3:1, 2, 3, 4, 5, 6, 7, 8, 9 D3:1, 2, 3, 4 |
| 3.Addiction psychiatry                           | PSYC 917 ADD  | 2             |       | A4:1, 2, 3, 4, 5, 6, 7, 8 B4:1, 2, 3 C4:1, 2, 3, 4, 5 D4:1, 2, 3, 4, 5, 6, 7   |
| 4.Liason psychiatry                              | PSYC 917 LP   | 2             |       | A5: 1, 2, 3, 4, 5 B5:1, 2, 3, 4 C5:1, 2, 3, 4 D5:1, 2, 3, 4  |
| 5.Forensic psychiatry                            | PSYC 917 FP   | 2             |       | A6: 1, 2, 3 B6:1, 2, 3 C6:1, 2, 3, 4 D6:1, 2   |
| <b>SCIENTIFIC ACTIVITIES</b>                     |               |               |       |  |
|  |               | 5             | 5     | A:1, 3,4 B: 1,2,3,4,5,6. C: 1, 2, D: 2,4,6,7,8.  |
| <b>THESIS</b>                                    |               |               |       |  |
| MD thesis  |               | 40            | 40    | B: 1 D: 4,6,7.   |

**MD Thesis:**

All MD degree students should prepare a thesis in. The research and ethical committee 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: (5 credit points)**

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

- Lectures
- 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.

## Matrix

| Course                               | A<br>Knowledge and understanding: |   |   |   |   |   |   |   |   | B<br>Intellectual skills |   |   |   |   |   | C<br>Professional and practical skills |   |   |   |   |   | D<br>General and Transferable Skills |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |   |
|--------------------------------------|-----------------------------------|---|---|---|---|---|---|---|---|--------------------------|---|---|---|---|---|--|---|---|---|---|---|--------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|---|
|                                      | 1                                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1                        | 2 | 3 | 4 | 5 | 6 | 1                                      | 2 | 3 | 4 | 5 | 6 | 1                                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |   |   |   |
| <b>Name</b>                          |                                   |   |   |   |   |   |   |   |   |                          |   |   |   |   |   |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |   |
| Biological basis                     |                                   | * | * | * | * | * |   | * | * |                          |   |   | * |   |   |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   | * |
| Psychosocial foundations             |                                   | * |   | * | * | * |   | * | * | *                        | * | * | * | * | * | *                                      | * | * | * | * | * | *                                    | * | * | * | * | * | * | * | * | *  | *  | *  | *  | *  | *  | * | * | * |
| Integrated assessment and management |                                   |   | * | * | * | * | * | * | * | *                        | * | * | * | * | * | *                                      | * | * | * | * | * | *                                    | * | * | * | * | * | * | * | * | *  | *  | *  | *  | *  | *  | * | * | * |
| General psychiatry                   | *                                 | * | * | * | * | * | * | * | * |                          |   |   |   |   |   | *                                      | * | * | * | * | * | *                                    | * | * | * | * | * | * | * | * | *  | *  | *  | *  | *  | *  | * | * | * |
| Special                              |                                   |   |   |   |   |   |   |   |   |                          |   |   |   |   |   |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |   |
| Scientific Activities                |                                   |   | * | * |   |   |   |   |   | *                        | * | * | * | * | * |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |   |
| Thesis                               |                                   |   |   |   |   |   |   |   |   | *                        |   |   |   |   |   |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |   |
| Residency training program part (3)  |                                   |   | * | * |   |   |   |   |   | *                        | * | * | * | * | * |  |   |   |   |   |   |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   | * |

### VI. Teaching and learning facilities:

Lecture halls: lectures will be held in the department of psychiatry at the psychiatry and addiction hospital building. Rooms for small groups at the psychiatry and addiction hospital building. Audio-visual aids (data-show, slide projection) are available.

### VII. Regulations for Progression and Program Completion

After collecting the required credit points for the respective courses, the advanced residency training, the scientific activities, and the Thesis the student will be eligible to sit for the final examination. In case the student fails to pass the examination, he/she may resubmit for the next examination. The candidate will receive his/her degree after passing this final examination. MD degree should be obtained within a maximum of 6 years after registration date.

### VIII. Assessment

#### A: Assessment Tools

- **Supervision and Monitoring of Training Program**

According the Faculty of Medicine, Cairo University Bylaws for practical Training Programs, professors carry continuous assessment during the program. A practical training program logbook will be kept for each candidate to document all his/her practical activities as well as his/her participation in different scientific activities. The head of the department should allow the candidates to undergo the final examination when they complete their training program and collect the credit points needed.

- **Formal Assessment**

According the Faculty of Medicine, Cairo University Bylaws for Post Graduate Programs ( ). Candidates should be assessed at the end of the program

#### B: Assessment Schedule:

Five written exams (Three-hours each) including long essay, short essay, problem based questions, clinical case scenarios, critical appraisal of literature, patient management problems and MCQs.

**Written exam will be held on five days:**

**Day one** (Biological basis + psychosocial foundations of psychiatry) [MCQ + Short essay]

**Day two** (Integrated patient assessment and management + psychopathology) [commentary, clinical scenarios and patient management problems]

**Day three** (General psychiatry) [Long essay + problem based questions + critical appraisal of literature]

**Day four** (special psychiatry) [MCQ + Short essay]

**Day five** (Elective courses) [MCQ + short essay]

This will be followed by the clinical and oral exams on Two separate days

**C: Weighing Of Assessment (Marks allocated to courses):**

(50 marks for each credit point)

*Remarks*

- It is mandatory to pass all the papers of written exams separately.
- The passing mark in any written exam is  $\geq 60\%$ .

**The passing mark in any written exam is  $\geq 60\%$ .**

| Courses      |   | Marks      |            |            |             |
|--------------|---|------------|------------|------------|-------------|
| Code         | Title   | Written    | Oral       | Clinical   | Total       |
| PSYCH 917 Ta | Biological basis of mental disorders                          |            |            |            |             |
| PSYCH 917 Tb | Psychosocial foundations of psychiatry                        | 200        | ===        | ===        | 200         |
| PSYCH 917 Tc | Integrated patient assessment and management+ psychopathology | 100 + 100  | ===        | ===        | 200         |
| PSYCH 917 Td | General Psychiatry  | 200        | 100        | 200        | 500         |
| PSYCH 917 Te | Special Psychiatry  | 200        | 150        | 50+50      | 450         |
| <b>Total</b> |   | <b>800</b> | <b>250</b> | <b>300</b> | <b>1350</b> |
| PSYCH 917    | (2 additional elective courses)                               | 50 + 50    | 25+25      | 25+25      | 100 +100    |

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

| Evaluator                              | Tool   | Sample  |
|--|--|---|
| 1. Senior Students                     | Questionnaire at the end of the program                                | All the PG students   |
| 2. Alumni                              | The faculty is currently developing an Alumni office for postgraduates | Not yet determined  |
| 3. Stakeholders                        | A meeting will be arranged during annual conference of the department  | Available representatives from: <ul style="list-style-type: none"> <li>- Army hospitals</li> <li>- National medical insurance</li> <li>- Medical syndicate</li> <li>- Ministry of health</li> </ul> |
| 4. External Evaluators                 | Review program and courses<br>Attending the final exam                 | Once before implementation<br>Bi-annual report  |
| 5. College Quality Assurance committee | Annual program reviewer  |   |

**Signatures**

**Date of approval by department:** April, 2015

**Program coordinator:**

***Program Coordinator***

***Head of Department***