PROGRAM SPECIFICATIONS

Program Title:

Doctorate of psychiatry

Code:
NPNP

Program Specification

A- *Basic Information*

1- Program Title: **MD Psychiatry**

2- Program Type: **Single √** Double ☐   Multiple ☐

3- Department (s): **Psychiatry and Neurology, physiology and Community medicine departments.**

4- Coordinator: **Prof. Ashraf Tantawy**

5- External Evaluator(s): Prof. **Mohamed Hamadi , Prof. Victor sami**

6- First date of program specifications approval: 17/11/2008

7- Date of program specification revision approval: Jan.2018

8- Number of credit points for this degree: 180 CP

B- *Professional Information*

1- **Program Aim**

The overall goals of the program are to develop a psychiatrist with the following characteristics:

1- Capable of communicating as a medical consultant with other psychiatrists and patients, as well as being capable of optimally directing management of the psychiatric unite

2- Understands methods of interviewing different psychiatric patients, diagnoses different psychiatric disorders, and   clinical management of both acute and chronic different psychiatric disorders. These activities include the psychiatric role in the development and implementation of integrated medical informatics that optimize patient care.

3- Capable of presenting current literature in psychiatric disorders and related subject areas and demonstrate ability to evaluate journal articles.

4-Able to comprehend and conduct quantitative approaches to cost benefit and cost effectiveness managements

5- Able to organize and contribute to in-service education of medical and Psychiatry staff.

6- Understands the role of research, in its broadest definition, in clinical decision-making, test development, knowledge generation, and continuing education.

2. Intended Learning Outcomes (ILOs) of the program

a- Knowledge and Understanding:

By the end of this program, students should be able to:

a1 Demonstrate knowledge of physiology relevant to the specialty with special emphasis on the clinical relevance

a2 Demonstrate knowledge of basic pathology and psychology related to the specialty

a3 Demonstrate knowledge of advanced Psychiatry

a4 Demonstrate proficiency in evaluating and presenting findings from appropriate peer-reviewed journals.

a5 Determine principles of clinical risk assessment and management.

a6 Identify major dimensions of major psychiatric disorders.

a7 Determine preventive strategies in psychiatric disorders.

a8 Demonstrate knowledge to diagnosis main categories within social and humanities sciences.

a9 Demonstrate knowledge to diagnosis main categories within forensic psychiatry.

a10 Demonstrate Basic knowledge of ethics and statistics.

a11 Demonstrate Basic knowledge of medico legal aspect in psychiatry

b- Intellectual Skills

By the end of this program, participants should be able to:

b1. Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation. (Define problem and formulate differential diagnosis)

b2. Integrate knowledge of the natural history and pathophysiology and the basic scientific principles and evidence base underpinning the current practice.

b3. Interpret pertinent laboratory, and imaging materials for the patient to reach diagnosis

b4. Demonstrate problem solving skills in psychiatry

b5. Diagnose general medical disorders that affect mental and behavioral functioning.

b6. Diagnose clinical features, epidemiology and etiology of the main psychiatric disorder of childhood and adolescence and women.

b7. Diagnose different aspect of forensic psychiatry.

b8. Diagnose clinical feature, epidemiology and etiology of the common psychiatric disorders of older people.

b9. Diagnosis main categories within addiction psychiatry.

b10.   Organize basic knowledge of basic and clinical sciences necessary for effective consultation in psychiatric medicine.

b11.   Critically assess the scientific literature.

b12.   Apply the principles of evidence based medicine in practice.

b13.   Apply multiple sources, including information technology, to optimize lifelong learning and support patient care decisions.

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b14. Develop personally effective strategies for the identification and remediation of gaps in his and others medical knowledge needed for effective practice.

b15. Explain laboratory data and clinical inquiries to identify process improvements to increase patient safety.

b16. Apply proficiency programs to improve psychiatric practices

b17. Prioritize physciatric problems.

c-Professional and Practical Skills
By the end of this program, participants should be able to:

c.1 Practice different psychotherapy models.

c.2 Analyze critically to recognize the impact of their own value judgments and those of patients.

c.3 Analyze, interpret, objectively evaluate and prioritize information, recognizing its limitations.

c.4 Demonstrate insight into research and scientific method through:

 a. critical appreciation of methodology;
 b. formulating research questions that are pertinent to medicine;
 c. choice and application of appropriate quantitative and qualitative methodologies;
 d. collecting, analyzing and interpreting data;
 e. Evaluate the relationship between evidence, audit and observed variation in clinical practice.
 f. Write scientific paper related to his MD thesis

c.5 Exhibit creativity/resourcefulness in their professional learning, scientific endeavor and clinical practice.

c.6 Assess risk in relation to their own work and profession

c.7 Regularly improve their practical performance using sound up to date knowledge

c.8 Cope with uncertainty by:

- accepting that uncertainty is unavoidable in the practice of medicine;
- Using appropriate cognitive and intellectual strategies to deal with uncertainty when it arises.

c.9 Professional decision making

c.10 Demonstrate the ability to extract and apply evidence from scientific studies to patient care.

c.11 Use reliable and current information in diagnosis and treatment

c.12 Demonstrate compassion: be understanding and respectful of patients, their families, and the staff and physicians caring for them.

c.13 Interact with others without discriminating on the basis of religious, ethnic, sexual, or educational differences.

c.14 Maintain comprehensive, timely, and legible medical records.

c.15 Use and evaluate psychometric analysis tools

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d-General and Transferable Skills

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

d 1 Write an articulate, legible, and comprehensive yet concise consultation notes.

d 2 Provide clear and informative report, including a precise diagnosis whenever possible, a differential diagnosis when appropriate, and recommended follow-up or additional studies as appropriate.

d 3 Provide good communication skills (verbal and nonverbal) to the patients and their family members and perform this communication in an appropriate fashion.

d 4 Conduct both individual consultations and presentations at multidisciplinary conferences that are focused, clear, and concise.

d 5 Choose effective modes of communication (listening, nonverbal, explanatory, questioning) and mechanisms of communication (face-to-face, telephone, e-mail, written), as appropriate.

d 6 Demonstrate skills in obtaining informed consent, including effective communication to patients and their family about (admission, pharmacological treatment, Electroconvulsive therapy ECT, psychotherapy) , alternative approaches, and possible complications of different lines of managements

d 7 Demonstrate skills in educating colleagues and other healthcare professionals:

   (1) demonstrate the ability to help other residents obtain proficiency in psychiatric medicine;

   (2) demonstrate the ability to work well with other medical teamwork present in psychiatric unite and direct them effectively

   (3) demonstrate an understanding of the principles one must follow in education through publications or seminars on new therapeutic strategies, research discoveries, and other cutting-edge professional knowledge.

d 8 Communicate ideas and arguments efficiently and accept criticism

d 9 Demonstrate skills of self evaluation and continuous education

3- Academic Standards

3a –External References for Standards (Benchmarks)

- Generic Academic Reference Standards (ARS) for post graduate programs

3b -Comparison of Provision to External References

4- Curriculum Structure and Contents

4a- Program duration: The program lasts for a minimum of 3 academic years and maximum 7 years, as specified in the internal bylaws for postgraduate studies based on credit points system in the Faculty of Medicine, Suez Canal University approved on February 7th, 2016.

4b- Program structure:

MD Program Credit points (CP) structure:
Total needed credit points for getting MD degree 180 CP

The program consists of **First part 30 CP, Thesis 50 CP, and Second part 100 CP**

1. **The first part of the program**: 30 CP, its duration (15 weeks) for one academic semester. The first part comprises the following:
   a. A course in Research Methodology planned and held in the Community Medicine Department of the Faculty of Medicine, Suez Canal University. This part includes 8 CP.
   b. Two electives each one has 2 CP. The students should select one elective which has not been selected in the Master Degree.
   c. The specialized courses in psychiatry planned and held in Psychiatry and Neurology Department. It includes 18 CP.
2. **MD thesis:** 50 CP, no scores for thesis. The candidate has the right to register his/her thesis protocol after 6 months from the degree registration. The first time for thesis defense after 2years from the date of the faculty council approval on the thesis protocol.
3. **The second part of the program**: 100 CP, its duration (75 weeks) for 5 consecutive academic semesters. The second part comprises the specialized courses in psychiatry, planned and held in Psychiatry and Neurology Department. This part lasts for 2 years ending by written and practical exams.

3bi-No. of credit Points: the MD program is 180 credit Point system.

Every credit point include 25 working hour (30% = 7 hours for face to face learning activities, and 70% =18 hours for self-learning activities).

5. Program Courses

5.1- Level/Year of Program: First part of MD (30 CP)

Courses			Assessment				
Code No.	**Course Title**	**No.of Credit points**	**Written Exam**			**Oral exam**	**Practical or clinical Exam**
			No of Papers	**Duration**	**Marks**		
NPNP51	**Psychology**	**8**	**1**	**3 hours**	**120**	**40**	
NPNP52	**Physiology**	**5**	**1**	**3 hours**	**75**	**25**	
NPNP53	**Psychopathology**	**5**		**3 hours**	**75**	**25**	
RBs	**Research methodology and Biostatistics**	**8**	**1**	**3 hours**	**160**		
E	**Two Elective courses***	**2+2**	**1+1**	**1 hour+1 hour**	**40+40**		
Total			**30 credit points**			**600 marks****	

*Student should select two courses of the following as an elective course:
Two elective courses each one has 2 CP. The students should select two elective which has not been selected before in the Master Degree.

    E01   **Evidence Based medicine**   **(Community Department)**
    E02   **Scientific Writing**   **(Medical Education Department)**
    E03   **Quality in Medical Education** **(Medical Education Department)**
    E04   **Infection Control**   **(Microbiology Department)**
    E05   **Critical Appraisal**   **(Community Department)**
    E06   **Communication Skills**   **(Medical Education Department)**

**every credit point equal 20 marks

5.2-Level/Year of Program: Second part of MD program (100 CP)

	Courses		Assessment					
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam	Continues assessment *(Portfolio)
			No of papers	Duration	Marks			
NPNP54	• **Scientific and theaoritcal Course in Psychiatry**	**30**	**3**	**3 hours +3 hours+ 11/2 hour (case)**	**225 225 90**	**180**	**540**	**540**
	• **Clinical training in Advances of Psychiatry**	**60**						
	***Scientific activities**	**10** (not included in the total marks)						
Total		**100 credit points**			**1800**marks**			

*Portfolio :its scores are distributed in the different parts of the portfolio and its total score included among total mark on second part

**every credit point equals 20 marks

***Scientific activities are not included in the total marks

5.3Thesis: A faculty senior & junior supervisor from the stuff members are nominated by the department council to prepare a proposal of the thesis protocol after the selection of a subject that is complementary to the research plans of the department. Data collection, methodologies, study question, time table, ethical considerations and budget are formulated by the candidate under guidance of his supervisors into a research project. The research protocol is then peer reviewed by two different stuff members nominated by the Head of the department who share their ideas and comments with the supervisors to reach to the final form. The research protocol is discussed then openly in one of the department councils to be approved and diverted to the Faculty research committee where it is subjected to a critical appraisal to meet the research basic standards set by the committee. The final approvals of the research protocol are then issued by the committee of post graduate studies, the Faculty and University Council to be registered.

6- **Program Admission Requirements**

- The program accepts candidates with Masters in Neuropsychiatry with a grade of GOOD at least.
- Registration for the program opens 2 times/year, according to the internal bylaws for postgraduate studies of the Faculty of Medicine, Suez Canal University.

7- Student Assessment Methods

     7.1 Written (MEQ)   to assess the cognitive domain.

     7.2 MCQs   to assess the cognitive domain

     7.3 Oral Viva Cards   to assess higher cognitive and attitude domains.

     7.4 Observations   to assess practical and presentation skills.

     7.5 Portfolio to assess the cognitive, psychomotor and the affective domains.

8- Weighting of Assessments

Type of exam	
First part (30 credit points= 600 mark)	
• Written exam	510
• Oral and practical exam	90
• **Total**	**600**
Second part (100 credit points including 10 credit points not included in the total marks =1800 mark)	
• Oral exam	180
• Practical exam	540
• Written exam	540
• Portfolio	540
Total	**1800**

Total degree of MD 2400

9- <u>Regulations for Progression and Program Completion</u>

- The regulations for program completion follow the general regulations for the Faculty of Medicine, Suez Canal University for MD approved by the Supreme Council of Universities. The program in considered complete with the accomplishment of 2 summative assessment (for the first and the second parts) and the defense of a thesis developed and submitted for the purpose of acquiring the degree.
- **First part**
- Passing level 60% of total marks of the exam and at least 50% passing level of the total written exam marks
- **Second part**
- Passing level 60% of total marks of the exam
- Passing level 60% total of practical and oral exam
- **Thesis/Assay**
- Passing discussion is required for MD degree

10- <u>Evaluation of Program Intended Learning Outcomes (ILOs)</u>

Evaluator	Tool	Sample
1- Postgraduate students	Needs assessment questionnaires	Random sample of participants
2- Alumni(N/A since this is the first time to implement the program)	N/A	N/A
3- Stakeholders	Self-administered questionnaires DELPHI Focus groups	According to the method
4-External Evaluator(s) (External Examiner(s))	External audit of the program specifications	
5- Other		

Course Coordinator   **Head of Department**

Prof. Ashraf Tantawy   **Prof. Ashraf Tantawy**

Professor of Psychiatry   **Professor of Psychiatry**

Date: January, 2018

A comparison of Psychiatry intended learning outcomes of <u>MD</u> program to the Generic Academic Reference Standards (ARS) for postgraduate programs

The overall goals of the program are to enable students to:

1- capable of communicating as a medical consultant to other psychiatrists and to patients, as well as being capable of optimally directing management of the psychiatric unite

2- Understands methods of interview different psychiatric patients, diagnoses different psychiatric disorders, and clinical management of both acute and chronic different psychiatric disorders. These activities include the CP's role in the development and implementation of integrated medical informatics that optimize patient care.

3- capable of presentation current literature in psychiatric disorders and related subject areas and demonstrate ability to cruciately evaluate journal articles.

4- able to comprehend and conduct quantitative approaches to cost benefit and cost effectiveness managements

5- able to organize and contribute to in-service education of medical and Psychiatry staff.

6- Apply the skills to consult in these areas at the broader systems level, and in the various extant healthcare delivery models.

7- Understands the role of research, in its broadest definition, in clinical decision-making, test development, knowledge generation, and continuing education.

The curriculum will enable trainees to become competent in the:

1. Apply the principles of evidence based medicine in practice.

2-Apply multiple sources, including information technology, to optimize lifelong learning and support patient care decisions.

3-Develop personally effective strategies for the identification and remediation of gaps in medical knowledge needed for effective practice.

4-Demonstrate laboratory problems and clinical inquiries to identify process improvements to increase patient safety.

5-Apply proficiency programs to improve psychiatric practices.
6-Regularly improve their practical performance using sound up to date knowledge.

7-Demonstrate Professional decision making.

8- Provide good communication skills (verbal and nonverbal) to the patients and their family members and perform this communication in an appropriate fashion.

Benchmark	Program ILOs Covered (By No.)
2.1: Knowledge and understanding **By the end of the postgraduate MD program the candidate should be able to know and understand the following:**	
2.1.01 Theories, basic and specific knowledge related to his specialty as well as basic sciences related to practice in his field	a1,2,3
2.1.02 basis, methods and ethics of scientific researches and its different tools	a10
2.1.03 Basic of ethics and medico legal aspects of professional practice, related to the special**ty**	a11, b7
2.1.04: basis and principles of quality in professional practice related to the specialty	b15,16, c4e
2.1.05 Related information concerned with the effects of professional practice on the environment and methods of environmental maintenance and development	NA
2.2- Intellectual Skills **By the end of the postgraduate MD program the candidate should be able to:**	
2.2.01 Analyze and evaluate knowledge to solve problems related to his specialty	b1-4
2.2.02 Solve specific problems with available data	b1-4
2.2.03 Perform scientific research adding new information	c7
2.2.04 Writing scientific papers	c4f
2.2.05 Risk assessment in professional practices	a5,6 c6
2.2.06 Plan to improve performance related to specialty	b14, c7
2.2.07 Professional decision making in relation to different professional sequences	b13, c9
2.2.08 Be innovative and creative	c5, Thesis
2.2.09 discuss on basis and evidence	b12, c10
2.3- Practical and Clinical Skills **By the end of the postgraduate MD program the candidate should be able to:**	
2.3.01 Demonstrate essential practical skills related to his specialty	c1, c7
2.3.02 Write and evaluate professional reports	d2
2.3.03 Evaluate different methods and tools available related to specialty	d15
2.3.04 Use technology to serve professional practice	b13
2.3.05 plan to develop professional practice and improve performance of others	b14, d7
2.4 General and transferable skills **By the end of the postgraduate MD program the candidate should be able to**	
2.4.01 Communicate ideas and arguments effectively	d8
2.4.02 Use information technology to serve in the development of professional practice	b13
2.4.03 Educate and evaluate performance of others	d7
2.4.04 self evaluation and lifelong learning	b14, d9
2.4.05 Use different resources to obtain knowledge and information.	c5
2.4.06 Work effectively within team and lead a team effectively	d7
2.4.07Patron scientific meetings and manage time effectively	d4, c14