**Master Degree in Neurology**

**Program Duration:** 10 semisters (5 years)

**Program Structure:** includes two parts that are parallel to each other

1. Clinical Achievement program:- composed of two phases
2. Basic phase (basic training phase):- According to the new bylaws for postgraduate programs, all the students should have a basic training course for 12 months [General Internal Medicine (6 months), Emergency & Critical Care Medicine (3 months) and Psychiatry (3 months)]. During this period the students will attend the basic sciences courses as well as the general internal medicine course. They should complete the elective courses.
3. Residency phase (Special training phase):- All students should complete the special part of the residency-training program in the Neurology department. They should spend 48 months in order to acquire the needed academic achievement. The student is expected to attend the outpatient clinics, inpatient section, the clinical neurophysiology unit to share in patients care under the supervision of senior staff members. During this period, students will attend Neurology course and will participate in the scientific activities of the department.
4. Academic Achievement:- Passes in parallel with clinical achievement program
5. First part:- includes the following

|  |  |
| --- | --- |
| Course | Assessment |
| Written | Oral | Clinical |
| Anatomy of central and peripheral nervous systems | 50% | 50% | \_\_\_\_\_\_\_ |
| Microbiology and neuroimmunology | 50% | 50% | \_\_\_\_\_\_\_ |
| CNS physiology | 50% | 50% | \_\_\_\_\_\_\_ |
| Clinical pharmacology and endocrinology | 50% | 50% | \_\_\_\_\_\_\_ |
| Pathology of CNS | 50% | 50% | \_\_\_\_\_\_\_ |
| General and special psychology | 50% | 50% | \_\_\_\_\_\_\_ |

1. Second part:- includes the following

|  |  |
| --- | --- |
| Course | Assessment |
| General | Written | Oral | Clinical |
| Neurology  | 50% | 50% | 30% | 20% |
| Psychiatry | 25% | 50% | 30% | 20% |
| General Internal medicine | 25% | 50% | 30% | 20% |

1. Master Thesis:- All master-degree students should prepare a thesis in Neurology. The department and the ethical committees must approve the protocol of the research. The thesis should includea review part and a research part. The Thesis is supervised by one or more senior staff members from the Neurology department 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.
2. Scientific Activities:

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

1. Journal club (presenting scientific articles).
2. Seminars (including recent topics and controversial issues). Students are expected to participate in the discussions.
3. Scientific meetings arranged by the department.

Each activity will be monitored and given credit points registered in a scientific activities logbook. The student should collect the required points before allowed to sit for final exam.

**Program Admission Requirements**

**I-General requirement**

• Candidate should have either

1. MBBCH degree from any Egyptian Faculty of medicine or

2. Equivalent degree from Medical School abroad approved by the ministry of higher education.

• Candidate should complete the house office training year.

• Those who are not university hospital residents should pass training for at least 12 months in one of the known hospital

• Follow postgraduate regulatory rules of Sohag Faculty of medicine.

**II-Specific requirement**

• Candidate graduated from Egyptian universities should have at least "Good rank" in their final year/ cumulative year's examination and grade "Good rank" in internal medicine course too.

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

• Candidate should know have computer skills.

**Regulations for Progression and Program Completion**

**First Year/Level/Semester First Year/Level/Semester**

Duration of program is 10 semesters (5 years) maximum, starting from registration till the 2nd part exam; divided to:

1. **First Part**: (≥ 12 months or 2 semisters):

• Program-related basic science and some psychiatric science

• At least one year after registration should pass before the student can ask for examination in the 1st 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.

1. **Thesis**

• Start after at least 1 year from registration and should be completed, defended and accepted at least after passing 1 year from documentation ,and after passing the 1st part examination and at least one month before allowing to enter 2nd part final examination. Accepting the thesis is enough to pass this part.

1. **Second Part**: (≥24 months=4 semesters):

• Program related specialized science neurology, psychiatry and general internal medicine Courses.

• After passing

-university hospital resident: ≥ 36 ms residency in the department of neurology

and psychological medicine

-residents in other places: 12 months training in the department of neurology and psychological medicine

-Student should pass the 1st part before asking for examination in the 2nd part

• Fulfillment of the requirements in each course as described in the template.

• Two sets of exams: 1st in April— 2nd in October.

• For the student to pass the second part exam a score of at least 60 % is needed

(with at least 40% of the written exam).