



In the Name of God

Islamic Republic of Iran
Ministry of Health and Medical Education
Deputy Ministry for Education

Neurology

Degree: Specialty

Program Description (Introduction)

Nowadays, neurologic science is an important part of medical sciences. Neurology Science Specificities and its related diseases diversity had separated this science from internal medicine and psychiatry and it has gone through enormous development in recent years. Multiple diversity and high prevalence of neurologic diseases in different societies are the main causes of this field scientific development as well as provision of multiple subspecialties and fellowship programs. In addition, multiplicity of therapeutic approaches and new diagnostic and pharmacological approaches made the program curriculum revision a necessity.

Definition and Duration of the Program:

In this program graduates will be being trained to prevent, diagnose, manage and render care of central and peripheral nervous systems diseases and muscular diseases and are capable of using their knowledge and expertise in the society.

Program duration: 4 years

Admission Requirements

- B.D.S./D.M.D./D.D.S or equivalent certificates for the applicants of Specialty
- Certificate of Internship or Certificate of Practice

Language Requirements:

- Language requirements: Evidence of English Proficiency on the TOEFL or IELTS tests. The minimum score for TOEFL PBT, TOEFL iBT and IELTS is 533, 72 and 5.5 respectively.
- Applicants from Persian (Farsi) Speaking countries (They shall both speak and write in Persian) who have applied for graduate Degree-based programs may be exempted, based on the decision of the department, from submitting any certificates regarding their English Language Proficiency. Nevertheless, they are required to hand in their English language certificate which meets SUMS' minimal language proficiency requirements, within one year from commencing their studies at SUMS.

Expected Competencies at the End of the Program

General Competencies*

Specific Competencies and Skills

EMG-NCS	Single fiber EMG
TCD (Transcranial Doppler)	TCCD/Carotid Duplex
EEG	Polysomnograph
Evoked -potentials	Long-term monitoring (LTM)
Transcranial magnetic stimulation (TMS) *, RTMS	Lumbar puncture
Cerebral Angiography	Intervention (Neuro)
Deep brain stimulation (DBS)	Nerve -Biopsy
Muscle Biopsy	Botulinum Toxin Injection
Tensilon Test	Neuro- muscular m sonography

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

Assessment Methods:

Written Exams (MCQ, descriptive)

MINI CEX

OSCE

Log Book

DOPS

Assessment Periods:

AT the End of each ward

Annually

AT the end of the program

Ethical Considerations*

*Note: The related document(s) can be found at <http://hcmeq.behdasht.gov.ir/>.

The overall structure of the course:

Out-Patient Clinic	Patient visits, admission, follow-up, consultation, performing Procedures, training colleagues	2 days in a week
Ward	Patient Visit and care, vital signs monitoring, Preparation for operation,...	every day
Procedure Room	Participation in Procedures as Observer, aid or independent	During the Program
Neurosurgery Ward	Participation in related activities	1 month
General ICU	Participation in related activities especially an introduction to mechanical ventilation bases and other related procedures	1 month
Psychiatry Ward	Participation in related activities	2 months
Radiology	Introduction to Neuroradiology graphics and Interventions	1 month
Pediatrics Neurology	Participation in related activities	1 month
Internal Medicine Ward	Participation in related activities	2 month
Elective Ward	Based on Ward Schedule	1 month

Important Notice:

The above features the curriculum of the Neurology Program designed and approved by the Iranian Ministry of Health and Medical Education. Given the fact that Shiraz University of Medical Sciences is constantly improving and updating itself to meet the international academic standards and the state of the art, and based on the availability of facilities, devices, ward, laboratories, etc. at SUMS, all the SUMS curricula are approximately 20% subject to change.