



## *In the Name of God*

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

# Gastroenterology and Hepatology

Degree: Subspecialty

### Program Description

This subspecialty is a subset of Internal Medicine in which physicians deal with different conditions and diseases affecting alimentary tract and the liver.

The duration of this course is 24 months with the aim of training competent, knowledgeable, liable subspecialists for service provision and continuous improvement in diagnosis, therapy, prevention, education, research and science production in the fields of gastroenterology and hepatology.

### Admission Requirements

- M.B.B.S./M.D. and specialty or equivalent certificates
- 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

At the end of the program learners will be competent in the following skills:

Black More Catheter Insertion	Esophageal Dilatation
Liver Biopsy	Colonoscopy
Diagnostic Endoscopy	Polypectomy
Variceal therapeutic Endoscopy	PEG insertion
Non Variceal therapeutic Endoscopy	Esophageal Stenting
Esophageal Manometry	Enteroscopy
Esophageal PH metry	Anorectal Manometry
ERCP	

### Educational Strategies, Methods and Techniques\*

#### Student Assessment (Methods and Types)

Assessment Methods	Periods of Assessment
CBD	Day to Day
DOPS	Day
MINI CEX	Weekly
Self Assessment	Monthly
Log Book	Trimester
Portfolio	Annual
	Final

### Ethical Considerations\*

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

**The overall structure of the course:**

Rotations	1 <sup>st</sup> year	2 <sup>nd</sup> year
In-Patient Care Inpatient visit and Care of those in the ward and Emergency Department, Responding to Consult requests ...	4 months	2 months
Endoscopy(Procedure )	6 months	4 months
ERCP	1 month	2 months
Clinics	2 sessions/week	2 sessions/week
Optional Manometry, Endosonography, Liver Transplant ,Clinical/Basic /Nutritional Research ...	1 month	4 months

***Important Notice:***

The above features the curriculum of the Gastroenterology and Hepatology 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.