



*In the Name of God*

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

## **Dermatology**

Degree: Specialty

### **Program Description (Introduction):**

Due to significant progress of knowledge and technology in recent years, dermatology has undergone considerable development. Using laser technology in the diagnosis and treatment of skin diseases; changes in disease distribution patterns such as metabolic diseases, infectious diseases, and emerging diseases with various cutaneous pictures and substantial developments in immunology that have a close relationship to dermal diseases, emergence of new methods of diagnosis and treatment, and new pharmaceutical products all made the revision of dermatology curriculum necessary.

Therefore, the Review Committee of the Dermatology Curriculum reviewed curriculum during several meetings by consulting and cooperating with other members, and this program, after passing legal procedures, was given to Medical universities.

### **Course Definition and Duration:**

Dermatology is a clinical specialty that addresses health, prevention, diagnosis, medical treatment, and minor surgeries of the skin related to benign and malignant diseases, relevant mucous membranes, hair and nails, and dermal presentations of systemic and sexually transmitted diseases at all ages.

**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.
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- **Expected Competencies at the End of the Program**
  - **General Competencies\***

## Specific Competencies and Skills

<b>Specific Competencies and Skills</b>	<b>Observation</b>	<b>Assisted conduct</b>	<b>Independent conduct</b>	<b>Total times practiced</b>
Biopsy of skin and nails	10	*	30	40
Minor surgery	50	50	100	200
Laser therapy	10	20	70	100
Phototherapy management	10	10	180	200
Photodynamic therapy for skin	5	5	10	20
Cryosurgery	10	10	80	100
Cutaneous intralesion injection	10	10	80	100
Sterilization process management	5	*	10	15
Local anesthesia	10	10	80	100
Curettage and cauterization	10	10	80	100

Body hair transplantation	10	10	5	25
Patch test	10	10	20	40
Electrolysis	5	5	10	20
Nail surgery	5	5	5	15
Subcision	5	*	5	10
Chemical peeling	3	2	15	20
Botulinum toxin injections	5	5	15	25
fillers injection	5	5	5	15
Derm abrasion	2	5	5	12
Sal abrasion	2	5	5	12
Cutaneous grafts less than 1 cm	20	10	5	35
Dermoscopy	10	10	10	30
Tzanck test	5	*	5	10
Pathergy test	2	*	3	5
Mesotherapy	5	*	*	5
Mohs surgery	5	*	*	5
Fat transfer	5	*	*	5
Sclerotherapy	10	*	*	10
Liposuction for lipofilling	5	*	*	5

## Educational Strategies, Methods and Techniques\*

### Student Assessment (Methods and Types)

#### A. Assessment Methods:

- Written MCQ
- Interactive computerized test
- OSCE
- DOPS
- Mini CEX
- Logbook assessment
- Paper Publication

#### B. Periods of Assessment:

- Periodical tests
- Annually
- The final test

### Ethical Considerations\*

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

## The overall structure of the program:

Department, unit or area of education	Contents and Measures	Duration (months)
Clinic	Visiting outpatients, selecting patients, making medical records, and hospitalizing patients, following up with patients who require specialized consultations from other specialized disciplines, educating lower-level students, responding to requested specialized consultations, and performing other measures according to the curriculum	5 days a week during the course
Hospitalization (inpatient) department	Visiting hospitalized patients, managing hospitalized patients in the ward, performing diagnostic therapeutic procedures at the bedside, educating lower-level students, and performing other measures according to the curriculum	One month a year in a fixed period and during the course (in total, the residency is 4 months during the course according to the department's curriculum)
Procedure room	Participating in procedures in the form of observing, assisting, or performing independently, according to the department's curriculum	during the course according to the department's Program
Internal ward (1)	Familiarity with skin presentations in rheumatology patients, familiarity with diagnostic therapeutic procedures for rheumatology patients	1 months
Department of Pathology	Becoming familiar with and participating in slide preparation and dermatopathologic diagnoses, slide-reading practice	4 months
Department of Plastic Surgery, Reconstructive, and Burns	Being familiar with and participating in skills related to plastic and reconstructive surgery in the curriculum, such as skin cancers and related surgeries, fat transfer, liposuction, and various permissible flaps and grafts	2 months
Department of Microbiology	Being familiar with and using methods of identifying skin parasites and fungi	2 weeks
Laser and phototherapy unit	Laser therapy with different types of devices and using devices for diagnosis and treatment of skin diseases	1 month
Elective department (2)	Residents will perform in an elective department in accordance with the curriculum	1 month

***Important Notice:***

The above features the curriculum of the Dermatology 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.