

Program Information	
<b>Major (Name of Program)</b>	<b>Nursing skills</b>
<b>Program Type<sup>1</sup></b> <small>(For Further Information Regarding Program Types, Please Refer to the Glossary)</small>	Degree Based <input type="checkbox"/> Non-Degree Based <input checked="" type="checkbox"/> (Please specify in one of the next two rows)
<b>Non-Degree Based Level Of Study<sup>2</sup></b> <small>(For Further Information Regarding Non-Degree Based Levels of Study, Please Refer to the Glossary)</small>	Fellowship <input type="checkbox"/> Post-Doctorate <input type="checkbox"/> Short-Term Training Program <input checked="" type="checkbox"/> (Duration: 4 Weeks) Medical Elective (Clinical Rotation/Internships) <input type="checkbox"/> Summer Program <input type="checkbox"/> Other <input type="checkbox"/> (Please specify) .....
<b>School/Research Center</b>	School of Nursing and Midwifery
<b>Department</b>	Department of Fundamental of Nursing and Medical-Surgical Nursing
<b>Brief Description of the Major/Study Program</b> (300 to 1000 Characters)	During the program, participants will develop their knowledge and skills in nursing and patient care. The course aims to help participants incorporate cognitive, technical, and interpersonal skills into safe and effective patient care. In the constantly changing context of patient care, health care professionals require relevant and evidence-based education to inform care and to develop expertise. Using a face-to-face “speak with an expert” model, the nursing short course program provides you with opportunities to build knowledge and skill in managing patients.
<b>Keywords (At Least 3)</b>	Nursing Skills, Fundamental Nursing, Practical Nursing,
<b>Program Approach</b>	Theoretical <input type="checkbox"/> Practical <input type="checkbox"/> Mixed <input checked="" type="checkbox"/>
<b>Related Website/Webpage (If Any)</b>	<a href="http://www.gsia.ac.ir">www.gsia.ac.ir</a>

***Shiraz University of Medical sciences***

***“Office of the Vice-Chancellor for Global Strategies and International Affairs”***



<b>Capacity (Number of International Students for Each Academic Year)</b>	Minimum: 10 Maximum: 15
<b>Tuition Fee</b>	1500 USD per 4 weeks
<b>First Admission Round for This Academic Year (2019-2020)</b>	July-August 2019 (Tir-Mordad 1398) or July-August 2020 (Tir-Mordad 1399)
<b>Duration of the Program</b>	4 weeks
<b>Language Requirements<sup>3</sup></b>	For Further information regarding English Language Proficiency, please see the Glossary.
<b>Admission Requirements<sup>4</sup></b> (For Further Information Regarding Admission Requirements, Please See the Glossary)	Candidates shall hold a professional qualification. Applicants who do not meet the entry requirement should contact the school for advice.

**Complete Description (Curriculum) of the Major/Study Program**

**Vital Signs**

Assessing body temperature  
Assessing peripheral pulse by palpation  
Assessing apical pulse by auscultation  
Assessing respiration  
Assessing blood pressure

**Safety**

Fall prevention  
Implementing alternatives for restraints  
Applying an extremity restraint  
Applying a waist restraint  
Applying an elbow restraint  
Applying a mummy restraint

**Asepsis and Infection Control**

Performing hand hygiene using soap and water (Hand washing)  
Performing hand hygiene using alcohol-based hand rub  
Preparing a sterile field using a packaged sterile drape  
Preparing a sterile field using a commercially prepared  
Sterile kit or tray  
Adding sterile item to sterile field  
Putting on sterile gloves and removing soiled gloves  
Using personal protective equipment

**Medications**

Administering oral medications  
Administering medication via gastric tube  
Removing medication from an ampoule

Removing medication from a vial

Mixing medication from two vials in one syringe

Administering an intra dermal injection

Administering an intra muscular injection

Administering continuous subcutaneous infusion

Applying an insulin pump

Administering medications by intravenous bolus or push through an intravenous infusion

Administering a piggyback intermittent intravenous infusion of medication

Administering an intermittent intravenous infusion of medication via mini-infusion pump

Instilling eye drops

Instilling ear drops

Instilling nasal drops

Administering medication via metered-dose-inhaler (MDI)

#### **Perioperative Nursing**

Providing preoperative patient care: hospitalized patient

Deep breathing exercise, coughing, and splinting leg exercise

Providing preoperative patient care: hospitalized patient (day of surgery)

Providing post-operative care

Applying a forced-air warming devise

#### **Hygiene**

Giving a bed bath

Assisting the patient with oral care

Providing oral care for the dependent patient

Providing dental care

Removing contact lenses

Shampooing a patient's hair in bed

Assisting the patient to shave	
Making an unoccupied bed	
Making an occupied bed	
<b>Skin Integrity and Wound Care</b>	
Cleaning a wound and applying a dry, sterile dressing	
Applying a saline-moistened dressing	
Applying a hydrocolloid dressing	
Performing irrigation of a wound collecting a wound culture	
Applying Montgomery straps	
Caring for a Penrose drain	
Caring for a T-tube drain	
Caring for a Jackson-Pratt drain	
Caring for a Hemovac drain	
Applying negative pressure wound therapy	
Removing of sutures	
Removing of surgical staples	
Applying an external heating pad	
Applying a warm compress	
Assisting with a sitz bath	
Applying cold therapy	
<b>Activity</b>	
Assisting a patient with turning in bed	
Moving a patient up in bed with the assistance of another nurse	
Transferring a patient from bed to a stretcher	
Transferring a patient from bed to a chair	
Providing range of motion exercise	
Assisting a patient with ambulation	

Caring for a cast Applying skin traction and caring for a patient with skin traction Caring for a patient with skeletal traction Caring for a patient with an external fixation device
<b>Comfort</b>
Providing patient comfort Giving back massage Caring for a patient receiving patient-controlled analgesia
<b>Nutrition</b>
Assisting a patient with eating Inserting a Nasogastric (NG) tube Administering a tube feeding Removing a Nasogastric tube Caring for a gastrostomy tube
<b>Urinary Elimination</b>
Assisting with the use of bedpan Assisting with the use of urinal Assisting with the use of a bedside commode Applying an external condom catheter Catheterizing the female urinary bladder Catheterizing the male urinary bladder Removing an indwelling catheter Performing intermittent closed bladder irrigation Administering a continuous closed bladder irrigation Emptying and changing a stoma appliance on an ileal conduit

<b>Bowel Elimination</b>
Administering cleansing enema
Changing and emptying an ostomy appliance
Irrigating a colostomy
<b>Oxygenation</b>
Using a pulse oximeter
Teaching patient to use a spirometer
Administering oxygen by nasal canula
Administering oxygen by mask
Using an oxygen tent
Suctioning the nasopharyngeal and oropharyngeal airways
Inserting an oropharyngeal airway
Suctioning of ETT
Securing the ETT
Suctioning of Tracheotomy: open system
Providing tracheotomy care
Providing care of a chest drainage system
Using a handheld resuscitation bag and mask
<b>Fluid, Electrolyte, and Acid-Base Balance</b>
Initiating a peripheral venous access IV infusion
Changing an IV solution container and administration set
Monitoring an IV site and infusion
Changing a peripheral venous access dressing
Administering blood transfusion
Changing the dressing and flushing central venous access devices

<b>Cardiovascular Care</b>
Obtaining an Electrocardiogram (ECG)
Applying a cardiac monitor
Performing cardiopulmonary resuscitation (CPR)
<b>Laboratory Specimen Collection</b>
Testing stool for occult blood
Collecting a stool specimen for culture
Obtaining a capillary blood sample for glucose testing
Obtaining a nasal swab
Obtaining a nasopharyngeal swab
Obtaining a sputum specimen for culture
Collecting a urine specimen (Clean catch, Midstream) for U/A and U/C
Obtaining a urine specimen from an indwelling urinary catheter
Using venipuncture to collect a venous blood sample for routine testing
Obtaining a venous blood specimen for culture and sensitivity
Obtaining an arterial blood specimen for blood gas analysis



Contact Information (Program Coordinator)	
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## **Glossary**

### **<sup>1</sup>Program Type**

- To apply for B.Sc., M.D., Pharm.D., D.D.S., M.Sc., Ph.D., Specialty, and Sub-Specialty programs, please check our website at [www.gsia.sums.ac.ir](http://www.gsia.sums.ac.ir).
- The applicants should check non-degree programs at [www.gsia.sums.ac.ir](http://www.gsia.sums.ac.ir) if they are intended to apply for SUMS Fellowship, Post-Doctorate, Short-Term Training, Medical Elective, and Summer Programs.

### **<sup>2</sup>Level of study**

- Bachelor of Science (B.Sc.) is a four-year undergraduate program.
- Doctor of Medicine (M.D.) is a seven-year undergraduate program on general Medicine.
- Doctor of Dental Medicine (D.M.D.) is a six-year undergraduate program on Dentistry.
- Doctor of Pharmacy (Pharm.D) is a six-year undergraduate program on Pharmacy.
- Master of Science (M.Sc.) is a two- to three-year graduate program.
- Doctor of Philosophy (Ph.D.) is a three- to five-year graduate program. Including:
  - ✓ Doctor of Philosophy Ph.D. by coursework & research includes two years of Ph.D. courses, a comprehensive exam, and then 2 to 2.5 years of Ph.D. research.
  - ✓ Ph.D. by Research includes 12 credits of Ph.D. courses and then the rest of Ph.D. program would be research oriented.
- Specialty (Residency) is a three- to five-year graduate program offered to MD/MBBS degree holders.
- Subspecialty is a two- to three-year graduate program offered to specialty degree holders.
- Fellowship is a graduate program offered to specialty or subspecialty degree holders.

### **<sup>3</sup>Language Requirements**

- SUMS minimal requirements for English language proficiency for undergraduate admission is a band score of 5.5 on IELTS, or a score of 69 on the TOEFL iBT or 525 on the TOEFL PBT. The following individuals are exempted from providing a certificate of English proficiency:
  - Applicants who are natives of English speaking countries
  - Applicants whose language of instruction in their previous degrees has been English.
- SUMS minimal requirements for English language proficiency for graduate admission is a band score of 5.5 on IELTS, or a score of 72 on the TOEFL iBT or 533 on the TOEFL PBT (or its equivalent in TOEFL). The following individuals are exempted from providing a certificate of English proficiency:
  - Applicants who are natives of English speaking countries
  - Applicants whose language of instruction in their previous degrees has been English.

**NOTE 1:** Please note that applicants from/educated in Persian Speaking countries (They shall both speak and write in Persian) who have applied for 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 shall meet SUMS minimal language proficiency requirements, within one year from commencing their studies at SUMS.

**NOTE 2:** Language proficiency level for non-degree program applicants can be determined through online or in-person interviews at the respective department's discretion.

## **4 Admission Requirements**

### **Degree Based Programs**

**Undergraduate** applicants are required to provide us with Secondary School Certificate (SSC) and Higher Secondary School Certificate (HSSC), or their equals.

**Graduate** applicants who are applying for **M.Sc. level** should provide us with B.Sc. degree, SSC, and HSSC (Higher Secondary School Certificate) along with their official transcripts of records.

**Graduate** applicants who are applying for **Ph.D. level** should provide us with M.Sc. and B.Sc. degrees along with their official transcripts of records.

**Graduate** applicants who are applying for **Specialty level** should provide us with M.B.B.S./M.D. degree or its equivalent along with its official transcript of records. They should also submit their Certificate of Practice (COP)/Certificate of Internship.

**Graduate** applicants who are applying for **Subspecialty** should provide us with M.B.B.S./M.D. or its equivalent, and Specialty degree along with their official transcripts of records. They should also provide their Certificate of Practice (COP)/Certificate of Internship.

### **Non-Degree Based Programs**

Academic Degrees and their Transcripts of Records for the applicants of Non-Degree Programs (Post-Doctorate, Fellowship, Short-Term Training, Medical Elective, and Summer Programs, etc.):

The applicants of Non-Degree Programs should submit their prior academic degree(s) along with the pertinent official transcript(s) of records.

Please note that applicants who are applying for Fellowship level should provide us with M.B.B.S./M.D. or its equivalent, and Specialty degree along with their official transcripts of records. They should also provide their Certificate of Practice (COP)/Certificate of Internship.