

Saeed Institute of Medical Sciences

Quality Education in Medical Sciences

Background:

Saeed Institute of Medical Sciences (SIMS) is a newly established medical institute, founded in 2022 with the sole purpose of offering high-quality medical education to students.

Aim of SIMS:

The aim of Saeed Institute of Medical Sciences is to develop competent medical professionals who possess strong technical, ethical, and communication skills. The institute aims to equip students with the knowledge and skills required to provide high-quality healthcare services to the community.

Our Vision:

To be the premier source of educational excellence and training in Allied Health Sciences.

Our Mission:

To provide innovative educational environment, opportunities and hands on experience that enables individuals, communities and the region to grow, thrive and prosper.

Programs Offered:

SIMS offers a range of undergraduate and postgraduate programs in medical sciences, including:

1. **Pathology**
2. **Ophthalmology Technology**
3. **Dental Hygiene Technology**
4. **Physiotherapy Technology**
5. **Radiology Technology**
6. **Dispensing Technology**
7. **Cardiology Technology**
8. **Surgical Technology**

1. Pathology:

Introduction:

Pathology is a medical specialty that deals with the diagnosis and treatment of diseases through the study of body tissues, organs, and fluids. Pathologists use various laboratory techniques and tests to identify and understand the causes of diseases and develop appropriate treatment plans.

Career:

A career in pathology can lead to many opportunities in both clinical and research settings. Pathologists can work in hospitals, clinics, laboratories, and research facilities. Some of the career options in pathology include histotechnologist, cytotechnologist, pathology assistant, forensic pathologist, and clinical pathologist. Pathology is a rewarding career for those who are interested in science and medicine and want to make a difference in people's lives.

2. Ophthalmology Technology:**Introduction:**

Ophthalmology technology is a field of healthcare that deals with the diagnosis and treatment of eye-related diseases and disorders. Ophthalmic technicians assist ophthalmologists in performing eye exams, testing visual acuity, and administering medication. They also help in preparing patients for surgery and maintaining equipment.

Career:

A career in ophthalmology technology can lead to many opportunities in both clinical and surgical settings. Ophthalmic technicians can work in hospitals, clinics, and private practices. Some of the career options in ophthalmology technology include ophthalmic technician, ophthalmic medical technologist, and ophthalmic photographer. Ophthalmology technology is a rewarding career for those who are interested in eye health and want to help people maintain or improve their vision.

Course Structure FSC Ophthalmic Technology:**PART-I****HOURS DISTRIBUTION PER WEEK**

S.No	Subject	Theory	Practical	Total
1	Ophthalmic Technology Technique-I	06	06	12
2	Basic Medical Science-I	03	03	06
3	Applied Science-I	02	01	03
4	English-I	06	-	06
5	Urdu-I	06	-	06
6	Islamic Studies	01	-	01

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Opthalmic Technology Technique-I	240	240	480
2	Basic Medical Science-I	120	120	240
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		960	400	1360

PART-II

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	Opthalmic Technology Technique-II	06	09	15
2	Basic Medical Science-II	02	01	03
3	Applied Science-II	02	01	03
4	English-II	06	-	06
5	Urdu-II	06	-	06
6	Pak Studies	01	-	01
		23	11	34

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Opthalmic Technology Technique-II	240	360	600
2	Basic Medical Science-I	80	40	120
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Pak Studies	40	-	40
		920	440	1360

3. Dental Hygiene Technology:

Introduction:

Dental hygiene technology is a field of healthcare that deals with the prevention and treatment of oral diseases and disorders. Dental hygienists work alongside dentists to provide oral healthcare services, including cleaning teeth, taking X-rays, and providing patient education on proper oral hygiene techniques.

Career:

A career in dental hygiene technology can lead to many opportunities in both clinical and educational settings. Dental hygienists can work in dental clinics, hospitals, schools, and community health centers. Some of the career options in dental hygiene technology include dental hygienist, clinical instructor, and public health hygienist. Dental hygiene technology is a rewarding career for those who are interested in oral health and want to help people maintain healthy teeth and gums.

Course Structure FSC Dental Hygiene:

PART-I

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	DENTAL HYGIENE Technique-I	06	06	12
2	Basic Medical Science-I	03	03	06
3	Applied Science-I	02	01	03
4	English-I	06	-	06
5	Urdu-I	06	-	06
6	Islamic Studies	01	-	01

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	DENTAL HYGIENE Technique-I	240	240	480
2	Basic Medical Science-I	120	120	240
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		960	400	1360

PART-II

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	DENTAL HYGIENE Technique-II	06	09	15
2	Basic Medical Science-II	02	01	03
3	Applied Science-II	02	01	03
4	English-II	06	-	06
5	Urdu-II	06	-	06
6	Pak Studies	01	-	01
		23	11	34

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	DENTAL HYGIENE Technique-I	240	360	600
2	Basic Medical Science-I	80	40	120
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		920	440	1360

4. Physiotherapy Technology:

Introduction:

Physiotherapy technology is a field of healthcare that deals with the prevention, diagnosis, and treatment of physical disabilities and disorders. Physiotherapists use various techniques, including exercise, manual therapy, and electrotherapy, to improve mobility, strength, and range of motion in their patients.

Career:

A career in physiotherapy technology can lead to many opportunities in both clinical and research settings. Physiotherapists can work in hospitals, rehabilitation centers, private practices, and sports clinics. Some of the career options in physiotherapy technology include physiotherapist, clinical specialist, sports therapist, and research associate. Physiotherapy technology is a rewarding career for those who are interested in the human body and want to help people improve their physical health and well-being.

Course Structure FSC Physiotherapy Technology:

PART-I

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	Physiotherapy Technique-I	06	06	12
2	Basic Medical Science-I	03	03	06
3	Applied Science-I	02	01	03
4	English-I	06	-	06
5	Urdu-I	06	-	06
6	Islamic Studies	01	-	01

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Physiotherapy Technique-I	240	240	480
2	Basic Medical Science-I	120	120	240
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		960	400	1360

Course Structure FSC Physiotherapy Technology:

PART-II

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	Physiotherapy Technique-II	06	09	15
2	Basic Medical Science-II	02	01	03
3	Applied Science-II	02	01	03
4	English-II	06	-	06
5	Urdu-II	06	-	06
6	Pak Studies	01	-	01
		23	11	34

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Radiographic Technique-I	240	360	600
2	Basic Medical Science-I	80	40	120
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Pak Studies	40	-	40
		920	440	1360

5. Radiology Technology:**Introduction:**

Radiology technology is a field of healthcare that deals with the use of medical imaging to diagnose and treat diseases and disorders. Radiologic technologists use various imaging techniques, including X-rays, CT scans, and MRIs, to produce images of the body's internal structures and organs.

Career:

A career in radiology technology can lead to many opportunities in both clinical and research settings.

SIMS offers two-year FSC Radiology program, where the students will completely be educated theoretically as well as practically via proper training in the different section of Radiology department in Saeed Hospital in order to meet the required challenges of modern health care system.

Course Structure FSC Radiology Technology:**PART-I****HOURS DISTRIBUTION PER WEEK**

S.No	Subject	Theory	Practical	Total
1	Radiographic Technique-I	06	06	12
2	Basic Medical Science-I	03	03	06
3	Applied Science-I	02	01	03
4	English-I	06	-	06
5	Urdu-I	06	-	06
6	Islamic Studies	01	-	01

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Radiographic Technique-I	240	240	480
2	Basic Medical Science-I	120	120	240
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		960	400	1360

Course Structure FSC Radiology Technology:

PART-II

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	Radiographic Technique-II	06	09	15
2	Basic Medical Science-II	02	01	03
3	Applied Science-II	02	01	03
4	English-II	06	-	06
5	Urdu-II	06	-	06
6	Pak Studies	01	-	01
		23	11	34

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Radiographic Technique-I	240	360	600
2	Basic Medical Science-I	80	40	120
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Pak Studies	40	-	40
		920	440	1360

6. Dispensing Technology:

Introduction:

Dispensing technology is a specialized field that deals with the preparation, dispensing, and management of medication. This field involves the use of advanced technology to ensure the accuracy and safety of medication dispensing. Dispensing technology is an important aspect of healthcare as it plays a crucial role in ensuring that patients receive the right medication in the right dosage at the right time.

Career:

A career in dispensing technology can be both rewarding and challenging. Dispensing technologists can work in a variety of settings such as hospitals, clinics, community pharmacies, and research laboratories. They are responsible for preparing and dispensing medication, ensuring the accuracy of medication orders, monitoring patient medication therapy, and managing medication inventory. Dispensing technologists can also advance their careers by pursuing higher education and becoming pharmacists or pharmacy managers.

7. Cardiology Technology:

Introduction:

Cardiology technology is a field of healthcare that deals with the prevention, diagnosis, and treatment of heart diseases and disorders. Cardiology technologists assist cardiologists in performing tests and procedures such as electrocardiograms (ECGs), stress tests, and echocardiograms.

Career:

A career in cardiology technology can lead to many opportunities in both clinical and research settings. Cardiology technologists can work in hospitals, clinics, and research facilities. Some of the career options in cardiology technology include cardiac technologist, cardiac sonographer, and stress lab technician. Cardiology technology is a rewarding career for those who are interested in the heart and cardiovascular health and want to help people improve their heart function and health.

8. Surgical Technology:**Introduction:**

Surgical technology is a field of healthcare that deals with the preparation, organization, and maintenance of surgical equipment and supplies. Surgical technologists work alongside surgeons and nurses to ensure that the surgical environment is sterile and safe for patients. They also assist in surgical procedures and may be responsible for monitoring patients' vital signs during surgery.

Career:

A career in surgical technology can lead to many opportunities in both clinical and research settings. Surgical technologists can work in hospitals, surgical centers, and private practices. Some of the career options in surgical technology include surgical technologist, operating room technician, and sterile processing technician. Surgical technology is a rewarding career for those who are interested in surgical procedures and want to help ensure that patients receive safe and effective surgical care.

Course Structure FSC Operation Theatre Technology:**PART-I****HOURS DISTRIBUTION PER WEEK**

S.No	Subject	Theory	Practical	Total
1	Operation Theatre Technique	06	06	12
2	Basic Medical Science-I	03	03	06
3	Applied Science-I	02	01	03
4	English-I	06	-	06
5	Urdu-I	06	-	06
6	Islamic Studies	01	-	01

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Operation Theatre Technique	240	240	480
2	Basic Medical Science-I	120	120	240
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Islamic Studies	40	-	40
		960	400	1360

Course Structure FSC Operation Theatre Technology:

PART-II

HOURS DISTRIBUTION PER WEEK

S.No	Subject	Theory	Practical	Total
1	Operation Theatre Technique	06	09	15
2	Basic Medical Science-II	02	01	03
3	Applied Science-II	02	01	03
4	English-II	06	-	06
5	Urdu-II	06	-	06
6	Pak Studies	01	-	01
		23	11	34

HOURS DISTRIBUTION PER YEAR

S.No	Subject	Theory	Practical	Total
1	Operation Theatre Technique	240	360	600
2	Basic Medical Science-I	80	40	120
3	Applied Science-I	80	40	120
4	English-I	240	-	240
5	Urdu-I	240	-	240
6	Pak Studies	40	-	40
		920	440	1360

Faculty:

SIMS has a team of highly qualified and experienced faculty members who are committed to providing quality education and research opportunities to students.

Facilities:

SIMS is equipped with state-of-the-art facilities that provide students with a conducive learning environment. The institute has modern classrooms, well-equipped labs, a library, and a computer center. The campus also has a cafeteria, a sports complex, and a medical center.

Admissions:

SIMS welcomes students who are passionate about pursuing a career in medical sciences. Admission criteria vary depending on the program of interest. For undergraduate programs, candidates must have completed their intermediate education with science subjects and meet the minimum percentage requirement. Candidates must also pass an entry test and an interview. For postgraduate programs, candidates must hold a relevant undergraduate degree and meet the admission criteria set by the university.

If you have passed matric with science subjects and have 45% marks, SIMS offers a two-year FSC Medical Technology program. The major advantage of this program is that you can get direct admission to the BSc program for further education while simultaneously doing your job.

Conclusion:

Saeed Institute of Medical Sciences is committed to providing quality medical education that produces competent and compassionate healthcare professionals. The institute's academic excellence, research opportunities, and state-of-the-art facilities make it an ideal choice for students who want to pursue a career in medical sciences.