

# KARACHI CAMPUS

---

ISRA UNIVERSITY



PROSPECTUS | 2017-18

## OUR MISSION



**Our mission at Isra University is to provide our students with education of the highest quality, groom their personality, inculcate in them a sense of responsibility, confidence, commitment and dedication towards their profession, society and the country.**



# TABLE OF CONTENTS

<b>Karachi Campus</b>	<b>06</b>
<b>AL TIBRI MEDICAL COLLEGE</b>	<b>08</b>
Program Description, MBBS	10
Summary of M. Phil & PhD Programs in Basic Medical Sciences	14
Scheme of Courses in Basic Medical Sciences	15
Description of M. Phil & PhD Programs in Basic Medical Sciences	16
Scheme of Postgraduate Programs in Clinical Sciences	18
Scheme of MS/MD Programs in Clinical Sciences	19
Program Description, BS (Nursing)	20
<b>ISRA SCHOOL OF OPTOMETRY</b>	<b>20</b>
Program Description, Bachelor of Science (Vision Sciences)	26
<b>ISRA INSTITUTE OF REHABILITATION SCIENCES</b>	<b>32</b>
Program Description. Doctor of Physical Therapy	34
A Typical Study Plan. Professional Deficiency Make-Up Program	40
A Typical Study Plan. Post Graduate Certificate in "Certified Clinical Research Professional	42
A Typical Study Plan. MS/M. Phil & PGD, Health, Physical Education & Sports Sciences (HPSS)	44
A Typical Study Plan. MS/M. Phil, Postgraduate Diploma & Post Professional Clinical Residency (SM&MPT)	46
A Typical Study Plan. MS/M.Phil Post Professional Clinical Residency & PGD in Orthopedic Physical Therapy (MS/M. Phil, PPCR & PGD-OPT)	48
A Typical Study Plan. MS/M.Phil Post Professional Clinical Residency & PGD in Neurological Physical Therapy (MS/M.Phil, PPCR & PGD-NPT)	50
A Typical Study Plan. MS/M.Phil Post Professional Clinical Residency & PGD in Prosthetics & Orthotics (MS/M.Phil, PPCR & PGD-PO)	52
A Typical Study Plan. MS/M.Phil Post Professional Clinical Residency & PGD in Cardiopulmonary Physical Therapy (MS/M.Phil, PPCR & PGD-CPT)	54
A Typical Study Plan. Master of Business Administration in Rehabilitation Management	56
Post Professional Doctor of Physical Therapy	59
PhD in Rehabilitation Sciences	62
<b>ADMISSIONS</b>	<b>66</b>
<b>TEACHING STAFF</b>	<b>76</b>







The Karachi Campus is strategically located at 5 kms from Malir No. 15, Main Shahr-e-Faisal. The beautiful and lush green campus houses the Al-Ibrahim Eye Hospital, Al Tibri Medical College, Isra School of Optometry and Isra Postgraduate Institute of Ophthalmology.

#### ALTIBRI MEDICAL COLLEGE

The purpose-built college building has been designed in accordance with the specifications of Pakistan Medical & Dental Council (PM&DC), and comprises lecture halls, demonstration rooms, laboratories, museums, library, auditorium and staff offices. It is equipped with modern and state of the art teaching aids and laboratory equipment to impart quality education in a clean and serene environment.

Al Tibri Medical College has its own teaching hospital, which has all the essential clinical departments including Internal Medicine, General Surgery, Obstetrics and Gynaecology, Paediatrics, Ophthalmology, ENT, Radiology, Clinical Laboratory and Operation Theatres. All clinical departments are furnished with modern equipment to provide high quality medical care. The faculty members in both basic medical

sciences and clinical sciences are highly qualified and experienced professionals, as per the guidelines of PM&DC.

#### ISRA SCHOOL OF OPTOMETRY

The Isra School of Optometry offers training and education in the field of vision sciences. It greatly contributes in producing human resources required at mid-level ophthalmic personnel both nationally and internationally. The building has been donated by Sight Savers International (SSI) by virtue of the charitable services offered by the Al-Ibrahim Eye Hospital in eye care.

The Isra School of Optometry offers a 4-year bachelor's degree program in vision sciences to develop mid-level ophthalmic work force to serve at primary level hospitals and at higher levels, both nationally and internationally.

#### ISRA POSTGRADUATE INSTITUTE OF OPHTHALMOLOGY (IPIO)

The IPIO started as a small eye unit in the name of Al-Ibrahim Eye Hospital (AIEH) in 1990 at a Community Center of the same suburb and has grown to be a Tertiary Teaching Hospital that

boasts a 70 bed indoor facility with 30 consultation rooms and 6 Operation Theatres.

IPIO is recognized by Pakistan Medical & Dental Council (PM&DC) for house job, residency training leading to MS Ophthalmology, MS Second Fellowship in pediatric Ophthalmology, Vitreo Retina & Oculoplasty by Isra University Hyderabad. MCPS, FCPS, Second Fellowship in Vitreo-Retina and Pediatric Ophthalmology by College of Physicians & Surgeons Pakistan (CPSP). On the other hand IPIO launched Ophthalmic Paramedics training program in 1994 which is recognized by the Sindh Medical Faculty.

IPIO runs a full time training program in ophthalmology that includes lectures, case presentations and on job training. This centre has well developed subspecialty units that include Vitreo-Retina, Pediatric Ophthalmology, cornea, Glaucoma, Oculoplasty, Cataract and Low-Vision Aids, IPIO has also received full accreditation from CPSP for recognition of Second Fellowship in Vitreo-Retina and Pediatric Ophthalmology.











## Al Tibri Medical College

Mortuary Ophthalmology

Anatomy Pathology

Paediatrics Physiology

Community Medicine

Nursing Surgery

Otorhinolaryngology Library

Forensic Medicine

Bio Chemistry

Internal Medicine

Doctor of Physical Therapy Gynaecology



## Al Tibri Medical College

The Al Tibri Medical College is committed to academic excellence in medical education. It caters for the urgent need for community oriented, competent, dedicated and above all caring medical doctors, physiotherapists and vision scientists who through their comprehensive understanding and acquisition of relevant skills can deal with the health problems of the people.

**BACHELOR OF MEDICINE &  
BACHELOR OF SURGERY**

The MBBS degree is a five-year program of 238 credit hours. The first two years mostly cover the pre-clinical studies in basic medical sciences. The courses taught in the pre-clinical years deal with the normal structure and function of the organs of the body. The program also incorporates community-oriented medicine, biostatistics and preliminary clinical medicine.

In the subsequent years of clinical education and training, the students gain a broad systematic knowledge of para-clinical, medical and surgical subjects. The clinical teaching is mainly given in attached Al Tibri Teaching Hospital. It prepares the students to learn how the disease process affects the body, and provides them necessary skills to examine, investigate and treat the patients.

During the clinical period, the students are also exposed to clinical laboratories and hospital

wards where they get an opportunity to become familiar with the most commonly Encountered health problems. From time to time, the students are also required to participate in clinicopathological conferences to integrate various aspects of a particular disease.

**Courses of Study**

The curriculum conforms to the rules and regulations laid down by the Pakistan Medical and Dental Council (PM&DC). It aims at stimulating the cognitive, affective and psychomotor domains of learning. There are two broad categories of subjects covered in the MBBS program, namely basic medical sciences & pre-clinical and clinical subjects. MBBS program courses are being taught in integrated, system based modular form in accordance with guidelines of PM&DC [80%] will be on basic medical sciences and during the following years on the clinical sciences. Thus total period of training will be five years before a student qualifies to practice medicine.

**Anatomy (Contact Hours 600)**

The subject matter is structured to give an understanding of the cell biology, gross anatomy, microscopic anatomy (histology), neuroanatomy and embryology with emphasis on clinical implications. The subject is taught with the help of models, dissected cadavars, prosections, films, CD's, slides, and other audiovisual aids. MDAT 111, 112.

**Physiology and Behavioral Sciences (Contact Hours 600)**

The discipline of physiology includes the study of living systems from sub-cellular and cellular levels to organ function and whole body behavior. The topics covering the major organ systems of the body include cardiovascular, digestion, respiration, internal homeostasis, voluntary and involuntary motor control, energy balance and geriatric physiology. Experimental work in physiology is designed to include and illustrate important physiological concepts, and measurements. The use of advanced recording and monitoring equipment and techniques is demonstrated, emphasizing the importance of precise recording and analysis of data in the solution of medical problems. MDPL 121, 122. The discipline of behavioral sciences include the study of consciousness and its altered states; psychological development of learning, memory, personality and human motivation in health and illness. MDBS 123.

**Biochemistry (Contact Hours 300)**

The science of biochemistry is fundamental to the understanding of relationships between structure and function of biomolecules in the human body. Students are taught those areas of biochemistry that are important for the understanding of nutritional, metabolic and genetic disorders, relevant to common disturbances of body functions, gene structure and its function. The course is integrated with concomitant studies of the morphology and physiology of the human organ systems. Experimental work in biochemistry will highlight important clinical applications of biochemical tests. Methods of biochemical analysis by various techniques are used for separation, identification, and measurement of biomolecules relevant to clinical sciences. MDBC 131, 132.





**Pharmacology & Therapeutics (Contact Hours 300)**

The science of pharmacology is concerned with the effects of drugs on the cells, organs of human beings, influence of drugs on cellular mechanisms and the fate of drugs in the body. The teaching of pharmacology is limited to general principles of pharmacokinetics and pharmacodynamics of groups of commonly used drugs. The course also contributes to studies in the clinical disciplines in which the therapeutic uses of drugs and an appreciation of adverse drug reactions form an essential part of the preparation of clinical practice. Experimental work in pharmacology is aimed at the demonstration of actions of drugs on isolated tissues and living subjects. MDPM 251.

**Pathology (Contact Hours 600)**

This subject includes general and special pathology, clinical and chemical pathology,

microbiology, hematology and immunology. The general pathology presents a scientific study of diseases, the genetic basis of some diseases, the body's normal responses to noxious environmental stimuli and the principles of homeostasis. Abnormal and deleterious effects of the immune responses, neoplasia, infection and metabolic derangement constitute an important part of the course. The course on microbiology consists of bacteriology, mycology, virology, immunology and parasitology. Emphasis in microbiology is given on the knowledge of various infections in humans and the application of this knowledge in the diagnosis and management of infectious diseases. Practical work in the laboratory complements instruction given in lectures and tutorials. Teaching of general principles is supplemented by experimental work. Students are trained in collection of various specimens for analysis, and performing commonly used tests.

MDGP 241, MDMB 242, MDSP 243.

**Forensic Medicine & Toxicology (Contact Hours 100)**

Students are taught the legal aspects of medical practice and the legal implications of medical disorders, in collaboration with the departments of pathology, pharmacology, hospital casualty, and other clinical sciences. The emphasis is placed on those legal aspects of medicine that a young medical graduate may be expected to face in professional life. MDFM 244.

**Community Medicine (Contact Hours 250)**

This subject is highly stressed in the curriculum to familiarize the students with community health problems and is taught from year one through four. It covers fields of biostatistics, epidemiology, primary healthcare and community related medicine. The subject is taught by way of lectures and tutorials, field





visits to various rural communities, and through environmental health projects. MDCM 261.

### **Islamic and Pakistan Studies (Contact Hours 40)**

These courses, though not falling under basic sciences curriculum, are important for a medical student in Pakistan. The causes of ailments of body go beyond the derangement of physiological systems of body. Its roots go deep down in the society and culture of a diseased person.

Pakistani culture and moral values are derived from its religion, Islam. The courses consist of an overview of Islam as a religion, its contribution to human civilization, its concepts of moral values, and the chief characteristics of an Islamic society. While emphasizing the moral, constructive and reformative values of Islam, the students are guided to evolve their own codes of behavior with respect to medical ethics and relationships with patients and society. HMPS 113, HMIS 114.

### **Computer Applications (Contact Hours 40)**

The subject involves rigorous training over 48 contact hours that enables students to use popular computer software packages and learn the course related subject matter through computer simulated educational programs that are available at the Isra University library and elsewhere. CSMO 115.

### **Professionalism & Communication Skills**

In today's competitive world, effective communication skills training is more essential than ever before. It is the foundation on which careers are built and a crucial component of lasting success. The communication skill and professionalism courses help young doctors to develop a truly engaging and responsive communication style, leading to positive professional attitude.

### **Clinical Skill Lab**

Medicine of present world demands high level of competency in both clinical examination and

performing a procedure in patients. The traditional methods of bedside skill learning and teaching are supplemented by instruction in clinical skills lab is basic important method of teaching clinical skills.

### **Clinical Subjects**

Clinical clerkships in various clinical disciplines are essential to develop basic clinical skills for accurate assessment, analysis, synthesis, and critical thinking, leading to appropriate diagnosis and management. Students are exposed to common health problems of the community. They spend much of their time in clinics, hospitals, and community health facilities, with less reliance on conventional classroom lectures. Students actively involve in the day-to-day management of patients in the wards, outpatient clinics, community health facilities, operation theaters, and so forth. They perform their duties under the supervision of their professors. Clinico-Pathological Conferences are held and a multidisciplinary, integrated approach is adopted



to correlate clinical presentations with pathology, and include comprehensive management of health problems.

#### **Internal Medicine (Contact Hours 800)**

This field of study deals with medical diagnosis, treatment and care of a diseased person. It introduces the students to the art of history taking, teaches them the basic skills in performing the physical examination of patients, trains them to prescribe appropriate investigations, interpret the results rationally, to formulate their findings orally and in writing, and provide them with the basic knowledge needed to stimulate them to reach a reasonable differential diagnosis. Internal Medicine and allied specialties include, among others, disciplines like cardiology, dermatology, psychiatry, and radiology. MDMD 361, 461.

#### **Surgery (Contact Hours 800)**

Included under this broad heading are subjects of general surgery and allied specialties consisting of orthopedics, anesthesiology, radiotherapy and radiology. Students are taught the general principles, indication and contra-indication of common surgical procedures. Emphasis is laid on developing skills in aseptic techniques, dressing, and mastering of minor surgical procedures along with pre- and post-operative care of patients. Students are given the

opportunity to observe the live operations of patients through closed circuit TV, and at times be physically present, to see the whole process from beginning to the end. In addition to this, training in the skills for giving local anesthesia, intubation and resuscitation is provided during clinical clerkship in anesthesia. MDSG 371, 471.

#### **Obstetrics and Gynecology (Contact Hours 300)**

These courses cover concepts of childbirth, reproductive health, family planning and aspects of diseases specific to women. Students are assigned to take part in maternity & child welfare clinics and other community health facilities. While on duty in obstetrics and gynecology unit, the residence of student in the hospital premises is made compulsory so that they take active part in labor room procedures. MDOG 481.

#### **Pediatrics (Contact Hours 300)**

Teaching of pediatrics includes understanding of normal child growth and development, neonatology and theoretical as well as clinical aspects of diseases specific to children. The students are also familiarized with child health statistics and national health programs. MDPD 462.

#### **Ophthalmology (Contact Hours 100)**

This is a very advanced field of surgery beyond

the scope of undergraduate students to diagnose and manage all the common problems of the eye. However, the students are taught and trained to diagnose and manage minor common eye problems. They are trained to recognize and refer complicated eye problems to concerned specialists. MDOP 472.

#### **Otorhinolaryngology, ENT (Contact Hours 100)**

This is a very advanced field of surgery beyond the scope of undergraduate students to diagnose and manage all the common problems of the ENT. However, the students are taught and trained to diagnose and manage minor common ENT problems. They are trained to recognize and refer complicated ENT problems to concerned specialists. MDOL 473.

#### **Clinico-Pathological Conferences (Contact Hours 80)**

Clinico-pathological conferences are held regularly in the fourth and final years. These conferences are held in rotation by the various units. The students are encouraged to use their knowledge and skills to gather relevant information, and present case studies employing an integrated approach involving concerned specialists. Students are encouraged to attend mortality and morbidity sessions in the hospital. Furthermore, the conferences provide a platform for discussion of topics of practical importance, as well as updating and reviewing of specific clinical issues. This process also improves the student's competence and skills of public speaking and communication, and boosts up their ability to carry out literature survey, review the subject and become familiar with the art of report writing. MDCP 541.

#### **Electives (Contact Hours 150)**

Students are encouraged to gain further experience in one or two clinical subjects or carry out research on some aspect of medical sciences during annual vacations. This requirement can be fulfilled by gaining the required experience either inside the Isra University or its Hospitals. In some instances, arrangements can also be made so that the same can be accomplished in accredited institutions in Pakistan or abroad. For outside work, students themselves will bear the financial burden.



**SUMMARY OF M. Phil & PhD PROGRAMS**

<b>Basic Medical Sciences</b>	
<b>M. Phil Program</b>	
Minimum Qualifications & Entrance Requirements	Five years Bachelor's Degree (MBBS or equivalent) and One year house job in PM&DC recognized degree awarding institute or Masters degree in the relevant field of study from HEC approved university with minimum CGPA of 3.00 or equivalent
Duration	Minimum 2 years, Maximum 4 years
Coursework	36 Credits
Research	12 Credits
<b>PhD Program</b>	
Minimum Qualifications & Entrance Requirements	M. Phil Degree in relevant field of study from PM&DC/HEC recognized degree awarding institute with minimum CGPA of 3.00 or equivalent
Duration	Minimum 3 years, Maximum 5 years
Coursework	18 Credits
Research	36 Credits

Scheme of Courses in Basic Medical Sciences	
First Year [Two Semester Examinations + Internal Assessment]	
First Semester [9 Credits minimum]	Second Semester [9 Credits minimum]
Major in Discipline + Minor I	Major in Discipline + Minor I
Biostatistics	Research Methodology
	Research Synopsis
Second Year [Two Semester Examinations + Internal Assessment + Final Certifying Exam & Defence of Thesis]	
First Semester [9 Credits minimum]	Second Semester [9 Credits minimum]
Major Dicipline	Major Dicipline
Pedagogy	Research
Research	
Conduct of research and preparation of final draft of thesis	
Evaluation and Examination	
Internal Evaluation Continuous Assessment Tests (CATs)	Semester Examinations in Theory and Practical in Major / Minor Subjects
Weightage to Semester Examination 50%	Weightage of Semester Examination is 50%
Certifying Examination in Major	
A student is required to pass semesters examination	
A student is required to pass each component [Theory & Practical] separately and passing marks is 60%	
The details of course contents are available with the concerned department	
Final Certifying Examination	
It comprises Thesis defence, oral examination in Major subject with involvement of an External Examination and possible participation by PM&DC Supervisor	



### DESCRIPTION OF M. Phil AND PhD PROGRAMS IN BASIC MEDICAL SCIENCES

The M.Phil and PhD programs are offered in the fields of Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, Hematology and Community Medicine. The goal of this program is to prepare future teachers and researchers with a background of higher learning. These professionals are trained in skills and techniques so that they can provide services in diagnostic laboratories and conduct research in the field of basic medical sciences.

The M.Phil coursework comprises of:

- Major in the disciplines of Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, and Hematology and Oral Pathology  
[Courses of 20 credit hours in each discipline, compulsory requirement].
- Minor in any other than major disciplines.  
[Courses of 8 credit hours in a discipline, an interdisciplinary optional requirement].
- Research Methodology, Biostatistics and Pedagogy.  
[Courses of 08 credit hours, compulsory requirement for all disciplines].
- Synopsis 03 credit hours.
- Seminar and Journal Club 2 credit hours.
- Research component of 9 credit hours thesis.

PhD program comprises course work in a discipline of 18 credit hours and a thesis of 36 credit hours.

#### M.Phil Courses

##### Anatomy Major (Total Credit Hours 20)

This course is designed to provide an in depth knowledge of medically oriented anatomical sciences with the perspective structural and functional correlation. Experimental work includes cadaver dissection, preparation of specimens, slide preparations from human and animal tissues, routine and special microscopic techniques and preparation of chick embryo. Clinical sessions for practical application of knowledge especially in neuroanatomy. The Courses are: MDAT 611, MDAT 612,



MDAT 613.

#### Anatomy Minor

##### M.Phil Courses (Total Credits Hours 8)

MDAT 614, MDAT 615 (Mandatory for Anatomy Students)  
MDAT 615, MDAT 616, MDAT 617.

##### Ph.D Courses (Total Credit Hours 18)

MDAT 915, MDAT 916, MDAT 917, MDAT 918, MDAT 919, MDAT 920, MDAT 921, MDAT 922, MDAT 923, MDAT 924.

#### M.Phil Courses

##### Physiology Major (Total Credit Hours 20)

Physiology seeks to explain living phenomena in terms of physics and chemistry. The course work provides an opportunity to extend studies in a specific area of interest within the broad fields of physiology and demonstrates in-depth knowledge of all disciplines. The research interests of the department provide a wide selection of possible research opportunities to prepare students for a research career in basic and applied physiology. Experimental physiology includes blood, muscle, ECG, respiratory, GIT, renal, endocrine and reproductive physiology, and nervous system, experiments by advanced

technological equipments and methods. The courses are: MDPL 621, MDPL 622.

#### Physiology Minor

##### M.Phil Courses (Total Credit Hours 8)

MDPL 623, MDPL 624.

##### Ph.D Courses (Total Credits Hours 18)

MDPL 927, MDPL 928.

#### M.Phil Courses

##### Biochemistry Major (Total Credit Hours 20)

The science of biochemistry is fundamental to the understanding of the structure, organization, and functions of living matter in molecular terms. The courses are designed to impart advanced knowledge of the subject and to enable the students to conduct independent research and apply the knowledge in teaching and practice of medicine. The courses are: MDBC 631, MDBC 632.

##### Biochemistry Minor (Total Credit Hours 08)

MDBC 633, MDBC 634.

##### PhD Courses (Total Credit Hours 18)

MDBC 935, MDBC 936.



#### M.Phil Courses

##### Pharmacology Major (Total Credit Hours 20)

The science of Pharmacology is concerned with effects of drug on the cell and organs of living beings. The courses are designed to impart advance knowledge of basic, systemic and clinical pharmacology, and to enable the students to conduct, experiments on isolated tissue and independent research and to become competent teacher at medical institution. The courses are: MDPM 641, MDPM 642.

##### Pharmacology Minor (Total Credit Hours 08)

MDPM 643, MDPM 644.

##### PhD Courses (Total Credit Hours 18)

MDPM 945, MDPM 946.

#### M. Phil Courses

##### Pathology Major (Total Credit Hours 20)

Pathology deals with scientific study of disease process. The course work is designed to train a student to adequately deal with diagnostic work

in all disciplines of pathological investigations and to become a competent teacher at medial institutions. The courses are: MDPA 651, MDPA 652, MDPA 653, MDPA 654.

#### Pathology Minor

##### M.Phil Courses (Total Credit Hours 8)

MDPA 655, MDPA 656.

##### PhD Courses (Total Credit Hours 18)

MDPA 958, MDPA 959.



**Scheme of MS/MD Programs in Clinical Sciences [Total of 78 Credit-Hours]****First Year [Two Semester Examinations; Minimum of 9 Credits Each Semester]****Second Year [Two Semester Examinations; Minimum of 9 Credits Each Semester]****Third Year [Two Semester Examinations; Minimum of 9 Credits Each Semester]****Fourth Year [Two Semester Examinations; Minimum of 9 Credits Each Semester]**

Write dissertation [that earns him 12 credit hours]

**Evaluation and Examination****Internal Evaluation****Semester Examinations in Theory and Practical**

Contribution to Semester Examination 50%

Contribution to Semester Examination 50%

A student is required to pass each component [Theory & Practical] separately and minimum passing marks in each component is 60%

The details of course contents are available with the concerned departments

**Final Certifying Examination**

The student is required to sit in Final Certifying Examination at the end of Fourth Year.  
The examination comprises theory and practical from the whole program  
AND  
Defense of dissertation



**DESCRIPTION OF POSTGRADUATE PROGRAMS IN CLINICAL SCIENCES**

MD and MS programs are offered in various fields of clinical sciences, as stated under.

**MD in Internal Medicine**

The aim of the training program is to produce a General Physician in Internal Medicine having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 78 credit hours of clinical training in the field of Internal Medicine and dissertation of 12 credit hours.

**MD in Paediatrics**

The aim of the training program is to produce a Paediatrician having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 78 credit hours

of clinical training in the field of Paediatrics and dissertation of 12 credit hours

**MS in Ophthalmology**

The aim of the training program is to produce an Ophthalmologist having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 78 credit hours of clinical and surgical training in the field of Ophthalmology and dissertation of 12 credit hours.

**MS in ENT**

The aim of the training program is to produce an ENT specialist having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 78 credit hours of clinical and surgical training in the field of ENT and dissertation of 12 credit hours.

**MS in Gynaecology & Obstetrics**

The aim of the training program is to produce a Gynaecologist & Obstetrician having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 84 credit hours of clinical and surgical training in the field of Gynaecology & Obstetrics and dissertation of 12 credit hours.

**MS in General Surgery**

The aim of the training program is to produce a General Surgeon having sufficient knowledge, skill and attitude to provide care at the consultant level with confidence.

This is a four-year program with 132 credit hours of clinical and surgical training in the field of General Surgery.







## Bachelor of Science (Nursing)

This program is offered by the School of Nursing. The objective of the program is to produce competent nurses to practice efficiently in the fields of patient care, nursing research, nursing administration and teaching. It will supplement needs of IUH and IUWH and the country at large.

### Courses of Study

The BS (Nursing) is a 4 years program of 135 credits.

The first two semesters cover initial levels of Nursing, Biochemistry, Mathematics and English courses. Subsequently, the students are exposed to advanced studies in adult health, family health, and knowledge about various drugs. Clinical teaching is undertaken in the hospital setting from the very beginning through four years of studies.

### **Bachelor of Science (Nursing)**

This program is offered by the School of Nursing. The objective of the program is to produce competent nurses to practice efficiently in the fields of patient care, nursing research, nursing administration and teaching. It will supplement needs of IUH and IUWH and the country at large.

### **Courses of Study**

The BS (Nursing) is a 4 years program of 135 credits.

The first two semesters cover initial levels of Nursing, Biochemistry, Mathematics and English courses. Subsequently, the students are exposed to advanced studies in Adult Health, family health, and knowledge about various drugs. Clinical teaching is undertaken in the hospital setting from the very beginning through four years of studies.

### **Fundamentals of Nursing I, II (8 Credits).**

This course introduces the students to nursing as professional discipline. It introduces basic concepts of Nursing as a profession, defines Nursing and Role of a Nurse in developing therapeutic relationship with clients using therapeutic communication techniques. It guides in identifying needs of clients using nursing process. Students learn nursing skills in the Skills lab and apply in the clinical settings. (NUFN-131&135).

### **Adult Health Nursing I, II, (16 Credits).**

This course furnishes learners with knowledge and skills to care for an adult patients admitted to the hospital with disease conditions. It emphasizes on effective utilization of nursing process to provide care to the client and facilitates them in restoration of optimum health. The Assessment tool is utilized for recognizing the responses towards disease process on individuals and their families and care is planned accordingly. Learners are exposed to the variety of clinical settings to integrate theory into practice under supervision. (NUAH-235 & 237).

### **Community Health Nursing I, II & III (14 Credits).**

This course introduces students to the factors influencing on health of individual, family and



community. Students develop knowledge about Pakistan's health care system, components of health education, community services and organization through field visits.

This course will enhance the knowledge and skills required for advanced nursing practice in community setting it will help the learner to develop his/her ability to work with communities by utilizing nursing process and epidemiological concepts. (NUCH-132, 337 & 440).

### **Nursing Ethics (01 Credit).**

This course is designed to provide the learners with an overview of basic concept of nursing ethics, theory, principles and norms. Nursing ethics will raise the awareness of factors that need consideration when dealing with decisions. It will also provide forum for learners to reflect upon issues or ethical dilemmas which they identify during their clinical practices. (NUNE-233).

### **Pediatric Health Nursing (07 Credits).**

The focus of this course is to develop knowledge, skills and attitudes in the care of children in primary, secondary and tertiary settings. Learners will apply concepts related to growth

and development and its deviation in all aspects of children's health. Emphasis is placed on common health problems occurring in Pakistan and in South Asian countries. (NUPH-338).

### **Nursing Leadership and Management (03 Credits).**

This course provides learners basic the concepts and principles of leadership and management in a progressive health care system that fosters positive, creative and caring environment. (NULM-432).

### **Health Assessment I, II (04 Credits).**

This course provides knowledge and skills necessary to perform Health Assessment of individual clients of all ages. This course emphasizes on taking a comprehensive Health History and use of appropriate nursing diagnosis. Opportunities are provided to apply assessment skills in variety of clinical settings. (NUHA-236, 238).

### **Mental Health Nursing (06 Credits).**

This course introduces the learners the concepts of mental health and mental illness, various concepts of psychiatric nursing, its development



in general and in Pakistan in particular. It further develops understanding of holistic approach to mental health nursing by applying the nursing process for the patients and families in hospital setting. The course is also intended to explore personal and cultural perspectives, values and beliefs about mental health problems and the need and relevance of the community mental health care in Pakistan. (NUMH-333).

#### **Critical Care Nursing (07 Credits).**

The course builds on previous nursing courses (Health Assessment, Adult Health Nursing I, and II). It focuses on concepts of critical care, analyzing client's problems so that appropriate care could be planned with more advanced concepts. Learners are expected to apply critical care concepts, nursing process and implement evidence based care while integrating pathophysiological, pharmacological, psychological, spiritual and cultural concepts and theories within critical and emergency settings. (NUAC-431).

#### **Anatomy & Physiology I, II (06 Credits).**

This course introduces learners to the structures and functions of the human body. Knowledge of anatomy and physiology will provide better understanding and integration to theoretical and clinical practices in nursing care situations. (NSAP-141,142).

#### **Pathophysiology I, II (05 Credits).**

This course provides learners with the opportunities to build on the concepts and knowledge about the altered physiological mechanisms and their impact on the functional status of the body. It also deals with the responses of the body that participate in manifestation of disease. The usefulness of knowledge, skills and attitudes to the nurses in his/her problems solving in the hospital, school, community or home is the determining factor in the selection and integration of the content. (NSPP-245, 247).

#### **Biochemistry (03 Credits).**

This course is intended to provide the health professional with an understanding of the major organic substances of living organism and their functions (protein, carbohydrates and lipids). It also provides an introduction to the chemistry of biogenetics, metabolism, biosynthesis and molecular biology. (NSBC-144).

#### **Microbiology (03 Credits).**

This course is designed to furnish the learners with the knowledge of basic concepts and scientific principles of microbiology. It facilitates the learners to learn the application of principles of microbiology in hospital and community environment. (NSMB-143).

#### **Nursing Research (03 Credits).**

The course develops conceptual understanding of the research process and its application to nursing practice and helps students to become successful researchers. (NUNR-433).

#### **Pharmacology I, II and Mathematics (05 Credits).**

The course emphasizes on knowledge about drugs, their classification, therapeutic effects, anticipated reactions, toxic effects and abuse. The emphasis is on application of concepts to patient care situations, including patient assessment, drug doses calculations and administrations, patient and family teaching and documentation of patient responses to specific medications. Major emphasis will be placed on nursing management practice that minimizes adverse effects and maximizes therapeutic effects for patients, including the role of a nurse in pharmacological research. (NSPC-246, 248) and (SMMT-271).

#### **Computer Skills (01 Credit).**

The purpose of this course is to give learners a basic understanding of computers and describe the use of information technology in the modern world. Learners will learn how to use software programs which include Word, Excel, Power point and Outlook. Learners will study computer applications in nursing education and practice. (CSCS-151).

#### **Applied Nutrition (01 Credit).**

This course will cover basic concepts of nutrition and nutritional requirements for maintaining health. It discusses factors affecting eating habits and their relationship to individual's health. It emphasizes on the role of nutrition in prevention and treatment of diseases in hospital and in communities. (AMAP-161).

#### **Developmental Psychology (02 Credits).**

This course facilitates learners to understand the general field of psychology in its initial stages and development of human behavior as a science. The course is further aimed to enhance learner's interpersonal skills and understanding of human behavior in order to enable them in providing care to clients with specific age groups. (SCDP-221).



**Behavioral psychology (03 Credits).**

This course will help learners to understand human behavior and provide insight into one's personal attitudes and responses in everyday situations and interactions. It will further assist learners to understand the way psychology can address issues concerning various spheres of life. (SCBP-323).

**Biostatistics (03 Credits).**

The course aims to polish students with knowledge and skills to present and analyze data in community and make inferences about population. (SMBS-372)

**English I to VIII (16 Credits).**

The eight courses in English aim to develop and enhance speaking, listening, reading and writing in general, academic and in nursing contexts. (HMEN-114, 115, 216, 217, 318, 319, 420 & 421).

**Culture, Health and Society (02 Credits).**

This course introduces human interaction and its impact on individual and group behavior. It also introduces learners to the field of socio-cultural anthropology. It focuses on the exploration of values, beliefs and practices related to health and illness between general and specific group of people in Pakistan. (SCCH-322).

**Islamic Studies (02 Credits).**

This course helps students to understand issues related to faith and religious life. It examines issues related to Islamic traditions and formulates key religious concepts. This course facilitates students in discussion of concepts that formulate Muslim philosophy in providing nursing care to individuals and families in a variety of clinical settings. (HMIS-111).

**Teaching, Learning Principles and Practices (03 Credits).**

This course introduces basic concepts of adult learning in order to better understanding of one's individual learning process and strategies to facilitate the learning of others in various health care setting. (HMTL-316).

**Pakistan Studies (02 Credits).**

This course introduces the understanding of



ideology and emergence of Islamic rule in Pakistan. Attention is given to the various developments leading to and following the creation of Pakistan as an Islamic state including study of the constitutional and political developments, social problems and foreign policies. (HMPS-112).

**Nursing Theories (02 Credits).**

This course focuses on understanding of different nursing theories and their applications in clinical practice. It emphasizes on practical applications of nursing theories with the help of simulations and clinical observations. (NUNT-434).

**Clinical Practice (05 Credits).**

This elective course helps students to develop an ability to integrate the application of nursing concepts with clients' population of interest. Students work with preceptors in a variety of settings to formulate learning within the context

of the course. (NUEL-439).

**Nursing Seminar / Role Transition (02 Credits).**

This course is designed provide learner an overview of critical professional and ethical issues confronting the learner and contemporary issues effecting profession practice, nursing care, education, and research. (NUNS-438)

**Epidemiology (02 Credits).**

This course provides knowledge and skills to learners for using epidemiological concepts in assessing the contributing factors, diagnosing problems, planning interventions and evaluating results in the community. It helps learner to make inferences regarding impacts on populations demographic, social and health status in Pakistan. Learners will also be able to correlate Epidemiological research findings to community health nursing practice. (SMEP-373).





## Isra School of Optometry

Refraction Orthoptics

Dissertation Writing

Pharmacodynamics

Ocular Investigation

Basic Orthoptics

Optical Shop Management

Physical Optics

Advanced Diagnostics

Contact Lens

Optical Laboratory

Emergency Priorities Screening

Safety Measures

Community Ophthalmology

Clinical Orthoptics

Research Methodology

Special Clinical Duty



## Isra School of Optometry

The Isra School of Optometry is committed to academic excellence in ophthalmic education. It caters for the urgent need for community oriented, competent, dedicated and above all caring vision scientists who through their comprehensive understanding and acquisition of relevant skills can deal with the health problems of the people.

**Bachelor of Science in Vision Sciences**

This program is offered by Isra School of Optometry, a constituent body of the Isra University. The institute is located in Malir Karachi. The objective of the four year bachelor's degree program in vision science is to develop mid-level ophthalmic personnel in the field of refraction, optometry, Orthoptics and ophthalmic equipment maintenance. The human resources developed in these areas are needed in-house, at primary level hospitals in the country and at higher levels nationally and internationally.

**Courses of Study**

The BS (Vision Sciences) is a 4 year program of

130 credit hours. In the third and fourth year of study, a student's of his choice specialized in one the three fields. These are Optometry, Orthoptics or Ophthalmic Technology. On successful completion of the program, a student qualifies for degree of BS (Optometry), BS (Orthoptics) or BS (Ophthalmic Technology), according to his/her field of specialization, from Isra University. Beside the theory in classes, the students are required to perform duties in out-patient clinic, Operation Theater, sub-specialty clinics, wards, out-reach screening clinics and eye camps. This is also supplemented by education in English Language, computer methods of data collection and analysis and humanities.

The studies during first year are designed to cover coursework and practical training, the successful completion of which would qualify a student for Ophthalmic Technician Certificate that is awarded by Sindh Medical Faculty. Similarly successful completion of the second year studies along with six months internship will qualify a student for Refractionist Certificate that is awarded by Isra Institute of Ophthalmic Paramedics, a constituent body of Isra University.





**ATYPICAL STUDY PLAN**  
**BACHELOR OF SCIENCE (VISION SCIENCES), BS (VS)****DURATION 4 YEARS****Minimum Degree Requirements:** This program comprises a minimum of 130 credit hours of coursework.**YEAR 1**  
**First Semester**

Course Code	Course Title	Credit (Contact) Hours
HMLG131	English - I	2 (2+0)
ALST 111	General Anatomy	2 (2+0)
ALPL 121	General Physiology	2 (2+0)
ALMC 131	Microbiology	2 (2+0)
ALBC 141	Biochemistry	2 (2+0)
HMIS 111	Islamic Study	1 (1+0)
HMCM 141	Computer Science - I	2 (1+3)
VNIO 161	Introduction to Optometry	1 (1+0)
	<b>Total Credits</b>	<b>14</b>





## Second Semester

Course Code	Course Title	Credit (Contact) Hours
HMLG 112	English-II	2 (2+0)
ALPH 111	Pharmacology	2 (2+0)
ALPA 121	Pathology	2 (2+0)
HMPS 121	Pakistan Study	1 (1+0)
PTPG 111	Physical & Geometrical optics	2 (2+0)
HMCM 142	Computer Science-II	2 (2+0)
FRCR 131	Basic & Clinical Refraction	2 (2+0)
HMST 161	Biostatistics	1 (1+0)
	<b>Total Credits</b>	<b>14</b>



YEAR 2  
First Semester

Course Code	Course Title	Credit (Contact) Hours
VNST 211	Ocular Anatomy	1 (1+0)
VNPL 221	Ocular Physiology	1 (1+0)
VNPH 241	Ocular Pharmacology	1 (1+0)
VNOD 231	Ocular Diseases - I	2 (2+0)
HMET 271	Ethics	1 (1+0)
HMCS 251	Communication Skills	1 (1+0)
CLPW 211	OPD and Ward Procedures	5 (0+15)
CLTH 221	OT Procedures	5 (0+15)
	Total Credits	17

Second Semester

Course Code	Course Title	Credit (Contact) Hours
PTIP 231	Instrument Optics	2 (2+0)
VNDE 232	Ocular Diseases - II	2 (2+0)
PTVP 221	Visual & Clinical Optics	2 (2+0)
SPSD 321	Ocular Investigation	2 (1+3)
CLRF 241	Refraction Clinic - I	5 (0+15)
CLSC 231	Special Clinical Duty - I	4 (0+12)
	Total Credits	17

**YEAR 3**  
**First Semester**

Course Code	Course Title	Credit (Contact) Hours
RFCL 331	Contact Lens - I	1 (1+0)
RFAR 321	Advanced Refraction	2 (2+0)
PTDP 341	Dispensing Optics - I	1 (1+0)
VNCO 361	Community Ophthalmology	2 (2+0)
CLRF 342	Refraction Clinic - II	5 (0+15)
CLCL 371	Contact Lens Clinic - I	3 (0+9)
CLLB 381	Optical Laboratory - I	3 (0+9)
	<b>Total Credits</b>	<b>17</b>

**Second Semester**

Course Code	Course Title	Credit (Contact) Hours
PTDP 341	Dispensing Optics - II	2 (2+0)
RFCL 542	Contact Lens - II	2 (2+0)
PTRS 352	Basic Orthoptics	2 (2+0)
RFLV 351	Low Vision - I	2 (2+0)
CLRF 343	Refraction Clinic - III	4 (0+12)
CLCL 372	Contact Lens Clinic - II	2 (2+0)
CLLB 382	Optical Laboratory - II	3 (0+9)
	<b>Total Credits</b>	<b>17</b>



YEAR 4  
First Semester

Course Code	Course Title	Credit (Contact) Hours
RHMT 411	Research Methodology	3 (2+3)
RFLV 442	Low Vision - II	2 (2+0)
PTRS 453	Clinical Orthoptics	2 (2+0)
ALFH 471	First Aid & Hygiene	1 (1+0)
HMCM 443	Computer Science - III	1 (0+3)
CLRS 462	Orthoptics Clinic - I	3 (0+9)
CLRF 444	Refraction Clinic - IV	2 (0+6)
CLLV 451	Low Vision Clinic - I	3 (0+9)
	Total Credits	17

Second Semester

Course Code	Course Title	Credit (Contact) Hours
RHDW 421	Dissertation Writing	5 (2+9)
HMMG 481	Optical Shop and Industry Management	1 (1+0)
SPIM 421	Ophthalmic Instruments & Maintenance	2 (1+3)
CLRS 462	Orthoptics Clinic - I	3 (0+9)
CLLV 452	Low Vision Clinic - II	3 (0+9)
CLSC 432	Special Clinical Duty - II	3 (0+9)
	Total Credits	17



## Isra Institute of Rehabilitation Sciences

PPDPT Kinesiology  
Bio Statistics

Sports Medicine  
Manipulative Physical Therapy

Doctor of Physical Therapy

M.Phil SMMPT Pathology

Community Based Rehabilitation  
Diagnostic Electro Neurophysiology

Anatomy Postgraduate Diploma

Electro Neuro Physiology  
Speech Language Pathology

PhD in Rehabilitation Sciences



## Isra Institute of Rehabilitation Sciences

The Isra Institute of Rehabilitation Sciences (IIRS) aims to produce competent rehabilitation practitioners who are capable of conducting unique and independent research. The School promotes critical thinking and inquiry to foster an environment of research and academic learning. Its programs have been designed to meet the growing demand of the populace in rehabilitating patients from injuries and disabilities. Its graduates are equipped with the skills and aptitude to provide effective care in restoring bodily functions, improving mobility, relieving pain and contributing towards a better life style for the patients.



**DOCTOR OF PHYSICAL THERAPY**

Physical Therapy, also known as physiotherapy is a dynamic profession concerned with evaluation and rehabilitation of patient disabled by pain, disease, or injury and their treatment by physical therapeutic measures. The objective of the program is to produce a group of highly

competent physiotherapists to fulfill the increasing demand at national and international level.

**Course of Study**

This is a five years under graduate program of full time study. Each year of study comprises of

two semesters. The duration of each semester is 18 weeks. The first two years cover the basic medical sciences, communication skill and basic physiotherapy concepts. The last three years will cover clinical medical sciences along with practical physical therapy applications.



A TYPICAL STUDY PLAN  
DOCTOR OF PHYSICAL THERAPY (DPT)

DURATION 5 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 200 credit hours.

YEAR 1  
First Semester

Course Title	Credit Hours	Contact Hrs per Semester
Anatomy-I	4 (3+1)	90
Physiology-I	3 (2+1)	72
Kinesiology-I	3 (2+1)	72
English-I	3 (3+0)	54
Islamiat	2 (2+0)	36
Pakistan Studies	2 (2+0)	36
Mathematics	3 (3+0)	54
Total Credits	20	414

Second Semester

Course Title	Credit Hours	Contact Hrs per Semester
Anatomy-II	4 (3+1)	90
Physiology-II	3 (2+1)	72
Kinesiology-II	4 (3+1)	90
English-II	3 (3+0)	54
Physics	3 (2+1)	72
Bio Statistics	3 (3+0)	54
Total Credits	20	432

**YEAR 2****First Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Anatomy-III	4 (3+1)	90
Physiology-III	3 (2+1)	72
Bio Mech. & Ergonomics-I	3 (2+1)	72
English-III	3 (3+0)	54
Computer	3 (2+1)	72
Chemistry	3 (2+1)	72
Sociology	2 (2+0)	36
<b>Total Credits</b>	<b>21</b>	<b>468</b>

**Second Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Anatomy-IV	4 (3+1)	90
Exercise Physiology	3 (2+1)	72
Bio Mech. & Ergonomics-II	3 (2+1)	72
Biochemistry & Genetics	4 (3+1)	90
Therapeutic Exercise	3 (2+1)	72
Behavioral Science (Psychology & Psychiatry)	3 (3+0)	54
<b>Total Credits</b>	<b>20</b>	<b>450</b>



**YEAR 3****First Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Pathology / Microbiology-I	3 (2+1)	72
Pharmacology & Therapeutics-I	3 (2+1)	72
Physical Agent & Electrotherapy-I	3 (2+1)	72
Manual Therapy	3 (2+1)	72
Community Medicine-I	3 (3+0)	54
Health Promotion & Wellness	3 (2+1)	72
Clinical Practice-I	3 (0+3)	162
<b>Total Credits</b>	<b>21</b>	<b>576</b>

**Second Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Pathology / Microbiology-II	3 (2+1)	72
Pharmacology & Therapeutics-II	3 (2+1)	72
Physical Agent & Electrotherapy-II	3 (2+1)	72
Teaching Methodology	2 (2+1)	72
Medical Informatics	2 (2+0)	36
Human Development & Growth	2 (2+0)	36
Clinical Practice-II	3 (0+3)	162
<b>Total Credits</b>	<b>19</b>	<b>522</b>

**YEAR 4****First Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Medicine-I	3 (3+0)	54
Surgery-I	3 (3+0)	54
Radiology & Imaging	4 (3+1)	90
Musculoskeletal Physical Therapy	3 (2+1)	72
Research Methodology	3 (3+0)	54
Community Based Rehabilitation	2 (2+0)	36
Clinical Practice-III	3 (0+3)	162
<b>Total Credits</b>	<b>21</b>	<b>522</b>

**Second Semester**

Course Title	Credit Hours	Contact Hrs per Semester
Medicine-II	3 (3+0)	54
Surgery-II	3 (3+0)	54
Evidence Based Practice	3 (3+0)	54
Neuromuscular Physical Therapy	3 (2+1)	72
Orthotics & Prosthetics	3 (2+1)	72
Administration & Management	2 (2+0)	36
Clinical Practice-IV	3 (0+3)	162
<b>Total Credits</b>	<b>20</b>	<b>504</b>

YEAR 5  
First Semester

Course Title	Credit Hours	Contact Hrs per Semester
Primary Care & Emergency Procedures in Physical Therapy	3 (2+1)	72
Cardio Pulmonary Physical Therapy	3 (2+1)	72
Clinical Decision Making and Differential Diagnosis	3 (2+1)	72
Integumentary Physical Therapy	3 (2+1)	72
Scientific Inquiry	2 (2+0)	36
Professional Practice	2 (2+0)	36
Clinical Practice-V	4 (0+4)	216
Total Credits	20	576

Second Semester

Course Title	Credit Hours	Contact Hrs per Semester
Obstetrics & Gynecological Physical Therapy	2 (2+0)	36
Paediatrics Physical Therapy	2 (2+0)	36
Geriatrics & Gerontological Physical Therapy	2 (2+0)	36
Metabolic Physical Therapy	2 (2+0)	36
Clinical Practice-VI	4 (0+4)	216
Project/Dissertation	6 (0+6)	324
Total Credits	18	684



## Professional Deficiency Make-up Program

PDMP stands for Professional Deficiency Make- up Program, A special program designed exclusively for those physical therapy candidates who eventually want to practice physical therapy in abroad.



### Why PDMP is an Essential Requirement for Physical Therapy Graduates

Entry of physiotherapist in abroad is now like climbing Mount Everest and a determined pursuit is required to achieve that. When physical therapist try to get license in abroad, they need to go through credentialing, where the authorities analyze your transcripts to see whether the Bachelor of Physical Therapy Education you have earned is equivalent to the curriculum level taught in their universities.

If you are not found up to the mark your application is deemed deficient and your dream of becoming a licensed physical therapist in abroad may be stalled indefinite.

Over years of extensive experiences, we, Isra University indeed uncovered a new pattern among the Bachelors of Physical Therapy holders so as to pursue their dreams of working abroad as a deficient, licensed physiotherapist. We are the beginners here in Pakistan, who actually valued the dreams of our BSPT holders to work abroad.

General subjects such as History, Basic Sciences, and Philosophy are usually not taught at undergraduate level in our country, which

become a reason of the rejection of our application abroad. In this program general as well professional subjects are taught to fulfill the International deficiency.

### Isra University's Solution

Isra University has developed an innovative, unique and comprehensive solution which will serve as a bridging program between you and the deficient subjects called PDMP (Professional Deficiency Makeup Program). It is the quickest and most effective way of jump starting your ambitions of working abroad.

PDMP is a value added program can be used along with your 4, or 3 years of Bachelors in Physical Therapy in order to make your qualifications equivalent to abroad standards. Each semester consist of 12 to 16 Credit hours, depending on the deficiency of the candidate.

The university designed the course in such a way that the BPT holders can start working in abroad in the most effective and qualitative way after a short period of time.

### PDMP Objectives

- To provide solid foundation of knowledge in

General Education & Professional Education.

- To train students to become more expressive, creative, appreciative and innovative.
- To provide an educational program for physical therapist to enhance their Physical Therapy Skills.

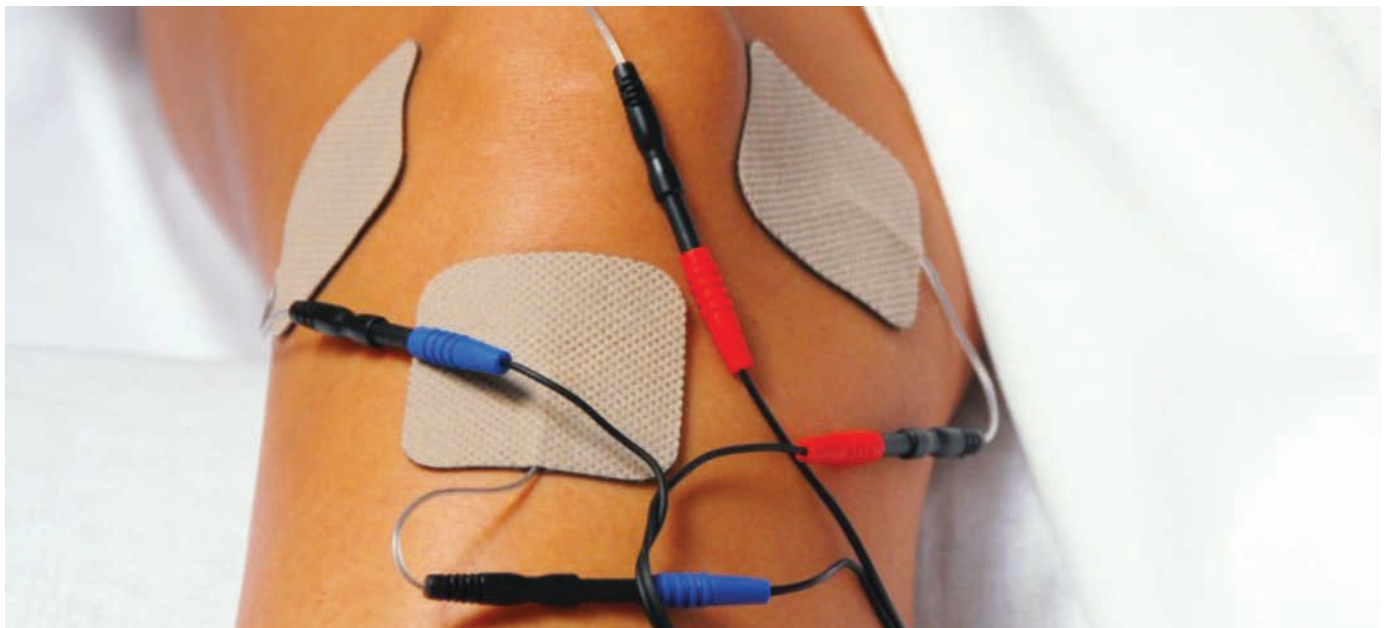
### PDMP Vision

The Professional Deficiency Make-up Program operates under Isra University's vision of creating and innovating an expert community of health care professionals that will proudly serve their family, society and the other mankind, and make our country proud.

### PDMP Assurance

We assure you;

- Your education will be equivalent to that of Physical Therapy in abroad.
- You will be eligible to pass the credential evaluation in Canada, Australia and over 30 states of U.S.
- Your application will be done in the fastest and cheapest way possible.





## **Post Graduate Certificate in “Certified Clinical Research Professional” (CCRP)**

Certified Clinical Research Professional (CCRP) is skill development program of 6 months duration with a primary focus on Drug discovery and clinical trial processes, Good Clinical Practice (GCP) guidelines, Drug regulatory affairs, Roles and responsibilities of various clinical trial stakeholders. The prime objective is to provide a high and training enhancing the employment prospectus.

A TYPICAL STUDY PLAN  
POST GRADUATE CERTIFICATE IN “CERTIFIED CLINICAL RESEARCH PROFESSIONAL” (CCRP)

**Minimum Degree Requirements:** This program comprises a minimum of 12 credits.

YEAR 1  
First Semester

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
CRPM 6111	Introduction to Pharmaceutical Medicine.	3 (3+0)	54
CRPF 6112	Good Clinical Practice Foundation (GCP).	3 (3+0)	54
CRDR 6113	Drug Regulatory Affairs.	3 (3+0)	54
CRCT 6114	Roles & Responsibilities of Clinical Trail.	3 (3+0)	54
	Total Credits	12	216







## **MS/M. Phil & PGD, Health, Physical Education & Sports Sciences (HPESS)**

Eligibility: 16 years of education or equivalent from a HEC recognized University.

Duration: Minimum 2 years MS/M.Phil & 1 year PGD.



A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN HEALTH PHYSICAL EDUCATION & SPORTS SCIENCES (HPE&SS)

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Research Methods, Statistics & Evidence Based Practice	3(2+1)	54
Applied Kinesiology & Sports Biomechanics	3(2+1)	54
Measurement & Evaluation Technology in Physical Education	3(2+1)	54
Exercise Physiology & Exercise Prescription	3(2+1)	54
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Sports Psychology, Human Growth & Development	3(3+0)	54
Health Promotion & Wellness	3(2+1)	54
Sports Injuries, Prevention & Rehabilitation	3(2+1)	54
Pedagogical Methods in Physical Education	3(3+0)	54
Total Credits	12	216

YEAR 2  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Thesis	12	648

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Thesis (Continued)	12	648



## **MS/M. Phil, Postgraduate Diploma & Post Professional Clinical Residency (Sports Medicine & Manipulative Physical Therapy)**

Sport Medicine & Manipulative Physical Therapy (SM& MPT) is a rapidly growing specialty that has the potential to impact upon all areas of Rehabilitation sciences. This world-class course is for physiotherapists seeking a specialist qualification in sports medicine & Manipulative Physical Therapy, compliant with international standards of practice. Sports Medicine & Manipulative Physical Therapy is becoming an increasingly popular method of treating athletes with musculoskeletal problems. The primary theoretic basis for the claimed beneficial results of manipulation is the restoration of motion with subsequent effects on ligamentous adhesions, muscle spasm, disk nutrition, and central nervous system endorphin systems. Research trials suggest that sports medicine & manipulation is beneficial in relieving or reducing the duration of acute low back pain and acute neck pain. It is evident that sports medicine & manipulative physical therapy enhance certain parameters of motion of the spine and peripheral joints. The Postgraduate Diploma is based over one year of study, while the Master of Philosophy is a two year program.

A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN SPORT MEDICINE & MANIPULATIVE PHYSICAL THERAPY (SM&MPT) DURATION 2 YEARS

Minimum Degree Requirements: This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Research Methods, Data Analysis & Scientific Inquiry	3 (3+0)	54
Advance Principles & Practice of Manipulative Physical Therapy	3 (2+1)	54
Musculoskeletal Sciences (Musculoskeletal Injuries, Diagnosis & Management)	3 (2+1)	54
Advance Manipulative Physical Therapy Techniques (Upper, lower Quadrant & Spine)	3 (2+1)	54
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Sports Medicine (Sports Injuries, Diagnosis & Management)	3(2+1)	54
Sports Psychology	3(2+1)	54
Applied Exercise Physiology & Nutrition	3(1+2)	54
Pain Management (Musculoskeletal & Sports Injuries)	3(1+2)	54
Total Credits	12	216

YEAR 2  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Thesis	12	648

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Thesis (Continued)	12	648



## MS/M.Phil Post Professional Clinical Residency & PGD in Orthopedic Physical Therapy (MS/M. Phil, PPCR & PGD-OPT)

**Purpose:** The degree program in Orthopedic Physical Therapy is designed to prepare the students for working as contributing members of the modern health care team concerned with treatment, management, and care of patients with Musculoskeletal disorders.

In addition to the general entry requirements for the MS/M.Phil program, student should have the experience to be able to demonstrate an interest in Orthopedics Rehabilitation.

**Objectives:** This course has been designed to introduce basic orthopedic science, orthopedic practice principles, and treatment techniques required in the day to day management of patients with movement impairments, functional limitations, and disabilities due to musculoskeletal pathologies affecting the extremities. Clinically related orthopedic sciences including anatomy, biomechanics, pathology and radiology will serve as the foundation for technique application and overall patient management. Practice principles will include evidence based practice, clinical decision making skills, clinical hypothesis building, treatment planning and progression. The technique portion includes physical examination and interventions for the extremities including advanced active and passive motion examination, translatory movement evaluation, and select differential evaluation techniques. Soft tissue, articular and therapeutic exercise interventions for the extremities will be emphasized.

**Eligibility:** 4 years Bachelor Degree in Physiotherapy/ Physical Therapy or 3 years B.Sc. in Physiotherapy with one year additional certificate course in Physiotherapy or 5years Doctor of Physical Therapy program or Post Professional DPT or Masters in Physical Therapy or equivalent from a HEC recognized University.

**Duration:** Minimum 2 years MS/M.Phil& 1 year PGD.



A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN ORTHOPEDIC PHYSICAL THERAPY

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Fundamentals of Orthopedic Rehabilitation	2 (2+0)	36
Applied Movement Sciences	3 (3+0)	54
Principles of Orthopedic Medicine	2(2+0)	36
Orthopedic Management I	3 (2+1)	54
Biostatistics	2 (2+0)	36
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Orthopedic Clinical Methods	2 (2+0)	36
Manual Therapy	3 (2+1)	54
Orthopedic Management II	3 (2+1)	54
Clinical Pharmacology of Musculoskeletal System.	2 (2+0)	36
Evidence Based Clinical Practice and Research Methodology	2 (2+0)	36
Total Credits	12	216

YEAR 2

Course Title	Credit Hours
Thesis	12
Total Credits	36



## MS/M.Phil Post Professional Clinical Residency & PGD in Neurological Physical Therapy (MS/M.Phil, PPCR & PGD-NPT)

**Purpose:** The aim of this program is to develop your understanding of sensory-motor control and learning - particularly how it enables skill acquisition within the context of rehabilitation, and how learning is affected by other physical and psychological factors. In addition to the general entry requirements for the MS/M.Phil program, candidate should have experience of and be able to demonstrate an interest in Neurological Physical Therapy.

**Objectives:** Understand the basic neurophysiology of sensory motor control, learning and neuroplasticity.

1. Understand how skills are learnt, consolidated and used.
2. Critically appraise methods of measurement at levels of systems function and participation within the international classification of functioning and health framework.
3. Critically explain current ideas in control and measurement of human movement.
4. Summarize the importance of sensory, psychological, social and cognitive factors in sensory motor learning and skill acquisition.
5. Explain how knowledge of sensory motor learning and measurement is applied in neurological rehabilitation, and demonstrate an ability to translate knowledge into clinical practice.
6. Critically appraise the mechanisms and evidence for the use of technologies in neurological rehabilitation for both therapy and measurement. Critically appraise research into understanding mechanisms of sensory motor control and learning, interventions, measurement and methods of management in rehabilitation.
7. Critically appraise research into understanding mechanisms of sensory motor control and learning, interventions, measurement and methods of management in rehabilitation.

**Eligibility:** 4 years Bachelor degree in Physiotherapy / Physical Therapy or 3 years B.Sc. in Physiotherapy with one year additional certificate course in Physiotherapy or 5years Doctor of Physical Therapy program or Post Professional DPT or Masters in Physical Therapy or equivalent from a HEC recognized University.

**Duration:** 2 years MS/M.Phil, 1 year PGD

A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN NEUROLOGICAL PHYSICAL THERAPY (M.Phil NPT)

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Fundamentals of Neurological Rehabilitation	2 (2+0)	36
Applied Neuro-anatomy & Clinical Neuroscience	3 (2+1)	54
Rehabilitation of Neurological Disorders I	3 (2+1)	54
Exercise Sciences	2 (2+0)	36
Biostatistics	2 (2+0)	36
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Fundamentals of Neurological diseases	2 (2+0)	36
Neuro-diagnosis, Case Studies of Persons with Neuromuscular Disorders	3 (2+1)	54
Rehabilitation of Neurological Disorders II	3 (2+1)	54
Evidence Based Clinical Practice and Research Methodology	2 (2+0)	36
Advanced Neurological Physical Therapy Techniques	2 (0+2)	36
Total Credits	12	216

YEAR 2

Course Title	Credit Hours
Thesis	12
Total Credits	36



## MS/M.Phil Post Professional Clinical Residency & PGD in Prosthetics & Orthotics (MS/M.Phil, PPCR & PGD-PO)

**Introduction:** Rehabilitation of persons with locomotor disabilities or neuromuscular disorder is a team work, where centre of attention is the person with disabilities. The team usually comprises of the Physical medicine and Rehabilitation Specialist (Physiatrist) who is usually the leader, Prosthetist and Orthotist, Physiotherapist, Occupational therapist, Social worker and Rehabilitation Nurse. Depending upon the need, other professionals like Orthopedic Surgeons, engineer, psychologist, geriatrist and other related professionals are also included in the team. General planning of the total rehabilitation of the disabled is usually done by the Physiatrist. The role of Prosthetist and Orthotist is important. It is she/he, who fabricates and fits the prosthesis or orthosis to the persons with disabilities both temporary and permanent often referred as “Patient” and thus helps make the patient independent, confident and useful member of the society.

### **Aims and Objectives:**

1. To provide better prosthetic and Orthotic care in the treatment of physically challenged in the rehabilitation setting.
2. To provide the students with clinical problems solving skills for lifelong learning combined with advanced biomechanical education.
3. To provide expert knowledge in Master in prosthetic Orthotic education.
4. To help the society & institutes and national requirements in the field of prosthetics & Orthotic with a growing technological advancement and human resource development.
5. To promote research and development in the field of P & O & rehabilitation science to enhance quality of life.

**Eligibility:** 4 years Bachelor degree in Orthotics and Prosthetics or equivalent from a HEC recognized University.

**Duration:** Minimum 2 years MS/M.Phil & 1 year PGD.



A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN PROSTHETICS & ORTHOTICS (M.Phil P&O)

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Biomechanics & Kinesiology	2 (2+0)	36
Advances in Lower Extremity Orthotics	3 (2+1)	54
Advances in Lower Extremity Prosthetics	3 (2+1)	54
Biostatistics & Research Methodology	2 (2+0)	36
Information Technology & Management Skills.	2 (2+0)	36
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Advances in Materials for prosthetics & Orthotics. Mobility Aids in Rehabilitation.	3 (3+0)	54
Advances in Upper Extremity Orthotics.	3 (2+1)	54
Advances in Upper Extremity Prosthetics.	3 (2+1)	54
Advances in Spinal Orthotics.	3 (2+1)	54
Total Credits	12	216

YEAR 2

Course Title	Credit Hours
Thesis	12
Total Credits	36



## MS/M.Phil Post Professional Clinical Residency & PGD in Cardiopulmonary Physical Therapy (MS/M.Phil, PPCR & PGD-CPT)

**Purpose:** The degree program in Cardiopulmonary Physical Therapy is designed to prepare students for roles as contributing members of the modern health care team concerned with treatment, management, and care of patients with breathing, and cardiopulmonary disorders.

**Objectives:** Objectives include employment opportunities as cardiopulmonary therapy practitioners in hospitals, clinics, research facilities, home care agencies, and alternate care sites. The Cardiopulmonary Physical Therapist will be able to administer gas therapy, humidity therapy, aerosol therapy, and hyperinflation therapy; assist with mechanical ventilation, special therapeutic and diagnostic procedures, cardiopulmonary resuscitation, and airway management techniques; and follow therapeutic protocols. The Cardiopulmonary Physical Therapist works under the supervision of a physician.

**Eligibility:** 4 years Bachelor degree in Physiotherapy / Physical Therapy or 3 years B.Sc. in Physiotherapy with one year additional certificate course in Physiotherapy or 5years Doctor of Physical Therapy program or Post Professional DPT or Masters in Physical Therapy or equivalent from a HEC recognized University.

**Duration:** Minimum 2 Years MS/M. Phil& 1 Year PGD.

A TYPICAL STUDY PLAN  
MASTER OF PHILOSOPHY IN CARDIOPULMONARY PHYSICAL THERAPY (M.Phil CPT)

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credits.

YEAR 1  
First Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Cardiopulmonary Sciences.	3 (2+1)	54
Cardiopulmonary Health.	2 (2+0)	36
Physical Assessment.	2 (2+0)	36
Cardiopulmonary Rehabilitation I.	3 (2+1)	54
Biostatistics.	2 (2+0)	36
Total Credits	12	216

Second Semester

Course Title	Credit (Contact) Hours	Contact Hrs per Semester
Thoracic Diagnostic Radiology and Therapeutic Procedures.	3 (2+1)	54
Evidence Based Practice and Research Methodology.	3 (3+0)	54
Cardiopulmonary Rehabilitation II.	3 (2+1)	54
Emergency Procedures and Critical Care Monitoring.	3 (2+1)	54
Total Credits	12	216

YEAR 2

Course Title	Credit Hours
Thesis	12
Total Credits	36



## **Master of Business Administration in Rehabilitation Management**

The Isra Institute of Rehabilitation Sciences aims to provide key service quality management concepts of customer and market focus, employee focus, communication, and service delivery will be taught through the use of case studies, article reviews and team projects. Problem solving approach to current issues in organizational structure and management functions in public and voluntary rehabilitation agencies, decision making, leadership, program development and evaluation.



A TYPICAL STUDY PLAN  
MASTER OF BUSINESS ADMINISTRATION IN REHABILITATION

DURATION 2 YEARS

**Minimum Degree Requirements:** This program comprises a minimum of 36 credit hours given in 6 courses together with 2 specialization course. Students may choose to undertake research in form of 12 credit dissertation or 3 credit internship along with an additional 9 credit of elective courses.

Course Work Category	Credit Hours
Core	18
Area of Specialization	6
Dissertation	12
Total Credits	36

OR

Course Work Category		Credit Hours
Core		18
Area of Specialization		6
Internship		3
Electives		9
Total Credits		36
Course Code	Course Title	Credit Hours
MSMD 599	Dissertation	12(0+36)

**MBA Courses in Management Sciences**

The courses offered in this program comprise of core courses together with courses in areas of specialization.

Course Code	Course Title	Credit Hours
MSFM 547	Financial Management	3(3+0)
MSSM 551	Strategic Marketing Management	3(3+0)
MSSM 573	Strategic Management	3(3+0)
MSAR 501	Advanced Research Methods	3(3+0)
MSME 534	Managerial Economics	3(3+0)
MSOD 511	Organization Development	3(3+0)

**Area of Specialization**

Rehabilitation Management

Course Code	Course Title	Credit Hours
MSSQ	Service Quality	3(3+0)
MSRA	Rehabilitation Administration	3(3+0)
MSPE	Program, Evaluation & Budgeting	3(3+0)
MSRE	Development and Supervision of Rehabilitation Employees	3(3+0)
MSPC	Professional & Community Relations (Marketing)	3(3+0)
MSPI	Professional Issues	3(3+0)



## Post Professional Doctor of Physical Therapy

This is a two year post graduate program of 75 credits including a project/dissertation of 6 credits. Each year of study comprises two semesters. The duration of each semester is 18 weeks. The program is offered to cater to the growing need of qualified professionals in the field of physical therapy.

Candidates having a four years BS degree in Physiotherapy, or a three years B.Sc. in Physiotherapy with a one year additional certificate course from an HEC recognized university are eligible to take admission in the PPDPT program.

**A TYPICAL STUDY PLAN  
POST PROFESSIONAL DOCTOR OF PHYSICAL THERAPY (PPDPT)****DURATION 2 YEARS****Minimum Degree Requirements:** This program comprises a minimum of 75 credits.**YEAR 1****First Semester**

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
PTAA 6111	Applied Anatomy	3(2+1)	54
PTHE 6112	Histology & Embryology	3(2+1)	54
PTEN 6113	Exercise Physiology & Neurophysiology	3(2+1)	54
PTPM 6114	Pathology & Microbiology	3(2+1)	54
PTBE 6115	Biomechanics & Ergonomics	2(2+0)	36
PTGD 6116	Human Growth & Development	2(2+0)	36
PTGT 6117	Genetics	2(2+0)	36
PTMI 6118	Medical Informatics	2(2+0)	36
	<b>Total Credits</b>	<b>20</b>	<b>360</b>

**Second Semester**

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
PTPH 6121	Pharmacology & Therapeutics	3(3+0)	54
PTRI 6122	Radiology & Imaging	3(2+1)	54
PTEP 6123	Evidence Based Practice	3(2+1)	54
PTCM 6124	Clinical Methods in Musculoskeletal & Neuromuscular Physical Therapy	4(3+1)	72
PTCM 6125	Clinical Methods in Cardiopulmonary, Integumentary & Metabolic Physical Therapy	4(3+1)	72
PTBR 6126	Biostatistics, Research Methodology & Scientific Inquiry	3(3+0)	54
	<b>Total Credits</b>	<b>20</b>	<b>360</b>



**YEAR 2**  
**First Semester**

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
PTMM 6211	Molecular Medicine	3(3+0)	54
PTMT 6212	Manual Therapy	3(2+1)	54
PTET 6213	Health Education, Learning & Teaching Methodology	2(2+0)	36
PTDD 6214	Differential Diagnosis & Clinical Decision Making	3(2+1)	54
PTGG 6215	Gerontology & Geriatric Physical Therapy	3(2+1)	54
PTPE 6216	Primary Care & Emergency Procedures in Physical Therapy	3(2+1)	54
PTPG 6217	Pediatrics & Gender Health Care in Physical Therapy	4(3+1)	72
	<b>Total Credits</b>	<b>21</b>	<b>378</b>

**Second Semester**

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
PTPP 6221	Professional Practice	2(2+0)	36
PTHW 6222	Health Promotion, Wellness in Physical Therapy & Community Based Rehabilitation	2(2+0)	36
PTCP 6223	Clinical Practice	4(0+4)	72
PTDT 6224	Dissertation	6(0+6)	
	<b>Total Credits</b>	<b>14</b>	<b>144</b>



## PhD in Rehabilitation Sciences

The mission of the Doctoral Program in Rehabilitation Sciences of the Isra Institute of Rehabilitation Sciences (IIRS) is to advance the frontiers of knowledge underlying the practice of the rehabilitation disciplines and professions through research, teaching, and professional development.

The primary goals of the PhD program in Rehabilitation Sciences are to:

1. Provide core content in theories and models of rehabilitation, disability and/or assistive technology that underpin rehabilitation sciences
2. Provide in depth, state of the science, content in basic, clinical, social, medical and/or engineering sciences that support the dissertation research
3. Provide mentorship opportunities for immersion in rehabilitation science research labs, projects, and/or ongoing studies.
4. Prepare students to conduct and disseminate original research that will advance rehabilitation science.
5. Promote interdisciplinary research in preparation for becoming a research team member.
6. Promote knowledge, behaviors and skills consistent with the responsible conduct of research.
7. Provide opportunities to teach content in an area of expertise.

Graduates of this Program will have a specific area of expertise in rehabilitation sciences as well as a core of inter disciplinary knowledge related to this specific area. They will become their researchers, scholars, teachers, thinkers, and planners in the demanding and changing field of rehabilitation sciences.

A TYPICAL STUDY PLAN  
PhD IN REHABILITATION SCIENCES

DURATION 3 YEARS

**Minimum Degree Requirements:** This program comprises a total of 36 credits.

YEAR 1  
First Semester

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
DPRS711	Biostatistics & Research Design	02	36
DPRS712	Disability and Rehabilitation	02	36
DPRS713	Elective - 01	02	36
	Total Credits	6	108

Second Semester

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
DPRS721	Outcome Measurements & Analysis	02	36
DPRS722	Neuroscience	02	36
DPRS723	Elective - 02	02	36
	Total Credits	6	108

YEAR 2

First Semester

Course Code	Course Title	Credit (Contact) Hours	Contact Hrs per Semester
DPRS731	Scientific inquiry & writing	02	36
	Seminar in Rehabilitation Sciences	02	36
DPRS733	Elective - 03	02	36
DPRS799	Dissertation	09	
	Second Semester		
DPRS799	Dissertation	09	

YEAR 3

First Semester

Course Code	Course Title	Credit (Contact) Hours
DPRS799	Dissertation	09
	Second Semester	
DPRS799	Dissertation	09
	Total Credits	54



**Electives**

Course Title	Credit (Contact) Hours
Issues in Orthopedic Physical Therapy & Manual Therapy	02
Biomechanics in Orthopedic Physical Therapy	02
Health and Wellness Promotion	02
Exercise Physiology	02
Differential Diagnosis in Rehabilitation	02
Pharmacology in Rehabilitation	02
Motor Control Theory and Practice	02
Articulation Disorders: Evaluation and Therapy	02
Dysphagia	02
Diagnostic Audiology	02
Sign Language for Health Professionals	02
Neural Bases of Speech & Language Disorders	02
Pain management	02
Physical medicine & Rehabilitation	02
Curriculum Design and Teaching in Allied Health	02
Disability and Rehabilitation, Individual and Contextual Factors	02
Seminar in Health Care Policy and Administration	02
Pathophysiology and Disability	02
Counseling in Rehabilitation	02
Occupational Therapy Practice: Assistive Technology	02
Conditions in Occupational Therapy	02
Occupational Performance Throughout the Lifespan	02
Physiology of Body Systems	02
Disability and Rehabilitation, National and International Perspectives Influencing Public Policy and Research	02
Behavior Principles	02
Psychology: Understanding Human Behavior	02
Abnormal Psychology and Society	02
Cognitive Psychology	02
Fundamentals of Human Neuropsychology	02
Orthotics and Prosthetics	02



## Admissions

MBBS DPT

Masters Ph.D Applications

Entry Test Financial Assistance

Policy Selection Criteria

Rehabilitation Sciences

Fee Packages

PPDPT Short List

Nursing Scholarships

Interviews Foreign Students

Admission Plan

Foreign Students





## Admissions

The University invites applications for various degree programs, where admissions are granted based on academic competence and an entry test that ensures the high quality of student entrants. The affordable and convenient fee packages offer young students a viable opportunity for career advancement and higher learning. Selected students are also awarded financial assistance based on need and merit.



The following programs are offered at Isra University, Karachi Campus:

### Al Tibri Medical College

Degree Program		Year(s)
Bachelor of Medicine & Bachelor of Surgery	MBBS	05
M. Phil	Anatomy, Biochemistry, Physiology, Pathology & Pharmacology	02
PhD		03
Doctor of Medicine	Internal Medicine & Paediatrics	04
Master of Surgery	General Surgery, Obstetrics & Gynaecology & ENT	04

### Isra Postgraduate Institute of Ophthalmology

FCPS, MS & MCPS Residency Training Program		Year(s)
FCPS	Ophthalmology	04
MS	Ophthalmology	04
MCPS	Ophthalmology	02
FCPS-II Subspecialty beyond FCPS		Year(s)
Second Fellowship in Pediatric Ophthalmology		02
Second Fellowship in Vitreo Retina		02
MS Subspecialty beyond MS / FCPS		Year(s)
Second Fellowship in Vitreo Retina		02
Second Fellowship in Pediatric Ophthalmology		02
Second Fellowship in Oculoplasty		02

### Isra Institute of Rehabilitation Sciences

Degree Program		Year(s)
Doctor of Physical Therapy	DPT	05
Post Professional Doctor of Physical Therapy	PP-DPT	02
M. Phil	Sports Medicine & Manipulative Physical Therapy (SM&MPT), Health, Physical Education & Sports Science (HPE&SS)	02
Ph. D	Rehabilitation Sciences	03

### Isra School of Optometry

Degree Program		Year(s)
Bachelor of Science (Vision Sciences)	BS (VS)	04

Students from anywhere in Pakistan or overseas may apply for admission to the above degree programs.

A step-by-step guideline for making an application is available on our website. This information is particularly useful for overseas and foreign students.

### DRESS CODE

The female students are required to wear long-sleeve shirts apron (white) and use scarves to cover their heads. They are expected to refrain from wearing makeup and abstain from using

excessive jewelry. There is a separate female common room and other facilities, which suit special needs of female students. Male students are also required to maintain a neat & professional attire to promote a pleasant environment for learning.

### MINIMUM QUALIFICATIONS FOR ENTRY

The Admissions Committee formulates the admission policy in accordance with the rules laid down by the University. To apply for admission, the student should have the needed minimum qualifications set forth for each program. In view of inconsistency in schedules of examinations conducted by various bodies in Pakistan and overseas, applications for entry from students waiting for the results will also be entertained. Such applicants, if selected in the admission process, will be granted provisional admissions. These admissions will automatically stand cancelled if such candidates fail to attain the required minimum qualifications.



**Minimum Entrance Qualifications for Bachelor Degree Programs**

Candidates who have passed the Higher Secondary Certificates (HSC) / Intermediate Examinations from any Board of Intermediate and Secondary Education in Pakistan or an equivalent examination recognized by the University are eligible to seek admission to the relevant Bachelor's Program of this University. The eligibility requirements for the programs are listed below:

Degree Program	Eligibility
MBBS, DPT, BS (VS)	HSC (Pre-Medical, 60% minimum marks) OR SAT-II (550 minimum: Biology & Chemistry, any science subject) & TOEFL (500 or equivalent)/IELTS (5.5), if subjects are taught in other than English

The Government of Pakistan evaluates all the overseas Higher Secondary Certificates for their equivalence. More information is available on the university website. However, the concerned students may directly write to the following address to have their certificates evaluated:

Inter Board Committee of Chairmen,  
Government of Pakistan,  
Ministry of Education No. 342, Street 97, G-9/4, Islamabad, Pakistan.  
Link to download application form /<http://www.ibec.edu.pk/attestation.asp>

**Minimum Entrance Qualifications for Postgraduate Degree Programs**

Candidates, who hold Bachelor Degree or its equivalent in an appropriate field of study, from a University / Institution of good standing recognized by this University, are eligible to seek admission to the relevant Postgraduate Degree of this University if they have the required qualifications listed below:

Postgraduate Degree Programs	Eligibility: Bachelor degree in the relevant group
M. Phil	Please refer to relevant sections as the case may be.
PhD	
MD, MS, Diploma	



**ISRA UNIVERSITY ADMISSION TEST**

Applicants for admission to all the Bachelor and Master degree programs are required to take the Isra University Admission Test (IUAT). The admission is purely on merit attained in this test. The test consists of two parts with an intermediate phase of short listing for personal interviews. **It may, however, be noted that overseas Pakistani and foreign students are exempted from taking the Isra University Admission Test.**

Applicants for M Phil, PhD or postgraduate degree programs in clinical sciences, who fulfill the requisite conditions for admissions, will be called for a comprehensive interview or subject Graduate Records Examination or both.

**IUAT Part-1**

This is a written test. Sample test papers are available for each program of study, and are provided to those candidates who complete the prescribed application form and register themselves for taking the admission test.

The test will be conducted at the Isra University Campuses or other venues, as announced through news media. The time and date of the test will be communicated to the applicants individually by post or e-mail and through announcements in the news media.

**Short Listing of Candidates**

Short listing will purely depend upon the scores achieved by students in IUAT Part - 1. Only the short-listed students will qualify for IUAT Part - 2 and will be individually called for the interview.

**IUAT Part-2**

This part of the test is a personal interview of the applicants to assess their communication skills, aptitude, integrity, motivation, maturity and interest in the selected degree program. An applicant will meet interviewers. The interviews will be held at Isra University Campuses or other venues, as announced through news media. The date and time of the interview will be communicated separately to each short listed applicant.

**SELECTION FOR ADMISSION**

The results of IUAT (both parts) are compiled and reviewed by Isra University Admissions Committee. The Committee recommends only those students for admission who are considered academically outstanding and have special aptitude for serving the community and the country of their permanent residence. The decision of the Committee is final and can not be challenged. Selected candidates will be informed individual/website. The results of the IUAT will neither be communicated on telephone nor will be revealed to sympathizers and friends. Selection of the candidates for the M Phil and PhD programs is based on correspondence in the case of foreign students and interviews of the candidates residing in Pakistan.

**PROFICIENCY IN ENGLISH**

All programs are conducted in the English language, the official medium of communication of the University. Students are required to demonstrate reasonably good proficiency in this language. However, those who are admitted because of excellent performance in the test but are not up to the required standard in English will be offered an intensive, non-credit course in Special English aimed at improving their proficiency in written and oral communication skills. The students attending this course must take a test at the completion of this course and achieve a satisfactory test score.

**WHERE AND HOW TO APPLY?**

An admission kit containing the application form, prospectus and the necessary information, can be obtained from:

**Hyderabad Campus:****Isra University**

Hala Road, Hyderabad-Sindh, Pakistan.

Tel: (+92 22) 2030181-4

Fax (+92 22) 2030180 & 2030185

URL: <http://www.isra.edu.pk>

Email: [admissions@isra.edu.pk](mailto:admissions@isra.edu.pk)

**Karachi Campus:****Al Tibri Medical College & Hospital**

Near Al-Ibrahim Eye Hospital, Old Thana, Gadap Town, Karachi, Pakistan.

Tel: (+92 21) 34561711-20

Fax: (+92 21) 34561816

URL: <http://www.isra.edu.pk>

Email: [iu.altibri@isra.edu.pk](mailto:iu.altibri@isra.edu.pk)

**Isra Institute of Rehabilitation Sciences**

Street 7/A, Block-5, Gulshan-e-Iqbal, Karachi

Tel: (+92 21) 34664002

Fax: (+92 21) 34664001

URL: <http://www.isra.edu.pk>

Email: [iirs.khi@isra.edu.pk](mailto:iirs.khi@isra.edu.pk)

**Islamabad Campus:****Al Nafees Medical College & Hospital**

Lehtrar Road, Frash Town, Phase - II, Islamabad, Pakistan.

Tel: (+92 51) 8439901-10

Fax: (+92 51) 8439900

URL: <http://www.isra.edu.pk>

Email: [alnafees@isra.edu.pk](mailto:alnafees@isra.edu.pk)

**School of Engineering & Applied Sciences**

Plot No. 176, Sohni Road, I-10/3, Islamabad.

Tel: (+92 51) 8358360-61

Fax: (+92 51) 8358362

URL: <http://www.isra.edu.pk>

Email: [seas@isra.edu.pk](mailto:seas@isra.edu.pk)

**The admission kit may be obtained from various branches of Soneri Bank, Pakistan or any campus of Isra University.**

The fee for admission kit is Rs. 1500 (US\$ 30 for overseas applicants). Add Rs. 200 for delivery by courier service in Pakistan and US\$ 30 for overseas destinations.

Fees for admission kit can be paid in cash if the kit is collected in person or through a bank draft / pay order in the name of Isra University. The completed application forms together with the required supporting documents and a non-refundable application processing fee of Rs. 2000 (US\$ 60 for overseas applicants), should reach the Admissions Office on or before the closing date announced by the University. The applications received without fees will not be processed. Once acknowledged, an application can not be withdrawn. It is the sole responsibility

of the candidates to comply with all the instructions given on the application form and submit it before the due date. Incomplete applications will not be processed. Applications received after the due date will not be entertained.

In order to meet the deadline, the application form may be downloaded from our website and the same may be submitted along with the fee for admission kit and application processing dues. Prior to entry into Pakistan, the foreign students seeking admission in the University should first obtain an official clearance from the Government of Pakistan. For this purpose, they may approach the Pakistan Mission in their country of residence. Further information on admission of foreign nationals to educational institutions in Pakistan is available on our website.

Applicants who have failed IUAT can apply afresh in subsequent year(s). A fresh application is a must for admission in the ensuing academic year. The merit of the applicant taking repeat test(s) will be evaluated on the basis of the best score in the current or previous tests taken in the last two years.

#### **Finalization of Admission**

The admission, to all the academic programs under all the categories, will remain incomplete and unconfirmed until the following documents are not submitted and duly verified by the competent authority:

- Duly completed admission form.
- All the dues paid in full through a bank draft or challan duly signed by a bank.
- Exact spelling of the name and other antecedents verified from the academic certificates specified on the admission form.
- Duly signed and notarized affidavit specific to a particular program / faculty.

#### **FEE PACKAGE AND OTHER DUES**

The fee packages and schedule of payment of various degree programs are listed faculty-wise according to the nationality and resident status of the concerned students. The fee packages exclude hostel fees, transportation and other dues that may be modified from time to time.



***Forfeiting of Fee:*** Students must note that if, for any reason, they discontinue the studies or if their admission is cancelled for any reason, the deposited fees will be forfeited.

***Continuous and Uninterrupted Payment of Fee:*** A student has to pay full fee package, uninterruptedly over his / her full tenure of studentship in the program registered. This would be the case, irrespective of the fact that he / she fails in an examination, repeats a semester / year or interrupts his / her study that results in extension of the tenure. However, for a student of FES&T and FCE&MS in case of extension of period beyond the tenure, he / she will be required to pay the normal semester fee, while students of FM&AMS will make annual payment. Students who fail to deposit the fees in due time may be disallowed from attending classes and appearing in examination. He may be even debarred from college (Heavy late fee will be always applied after the last date).

***Examination Fee:*** The students of all the Faculties are required to pay fees for each semester examination. In case of the examinations that are conducted under the regulatory control of professional bodies like the Pakistan Medical and Dental Council, a separate fee is chargeable per examination, irrespective of

the number of subjects in which the student may wish to appear in a regular or supplementary examination conducted in a particular academic year. There is separate examination fee schedule for postgraduate examinations in each course and discipline. The fee schedule for examinations can be obtained from the Admissions Office.

***Refund and Penalty:*** A student must note that the fees once deposited, in any account, can not be refunded for any reason. Requests for refund of fees will be subject to HEC and PM&DC regulations. Furthermore a student is liable to pay the cost of damage or loss of University property caused by him/her.

***Student Categories:*** A regular Pakistani student, who acquired the entrance qualification while residing in Pakistan, falls in Regular category (Category A). On the other hand a Pakistani student, who acquired the entrance qualification while residing in an overseas country, irrespective of the fact that he/she is presently living in Pakistan, falls in Overseas Pakistani category (Category B). An overseas (foreign) student, irrespective of where he/she acquired the entrance qualification, falls in the Foreign Student category (Category C).

## FEE PACKAGES

## MBBS Program

Fee Items	Category A (Regular)	Category B (Overseas)
Admission Fee (One Time)	PKR 50,000	USD 1,000
University Fee (Annual)	1st Year PKR 100,000 2nd & Onwards PKR 50,000	USD 1,000
Tuition Fee (Annual)	PKR 735,000	USD 13,000
Other Charges (Annual) (PERN, Library, Sports, Cultural, Co-curricular, Visit etc)	PKR 100,000	USD 1,000
1. Tuition Fee will be charged on annual basis from new and existing students. 2. Refund will be as per PM&DC Policy.		

## Nursing Program

Fee Items	Category A (Regular) No Bond	Category B (4 Years Service Bond)
Admission Fee (One Time)	PKR 25,000	Free + Monthly Stipend + Hostel
University Fee (Annual)	PKR 15,000	Free + Monthly Stipend + Hostel
Tuition Fee (Annual)	PKR 125,000	Free + Monthly Stipend + Hostel

## M.Phil, M.Sc &amp; Diploma Programs in FM&amp;AMS (2 Years Program)

Fee Items	Category A (Paid + Full time Bond)	Category B (Unpaid)	Category C (Unpaid)
Admission Fee (One Time)	PKR 50,000	PKR 50,000	PKR 50,000
University Fee (Annual)	PKR 50,000	PKR 50,000	PKR 50,000
Tuition Fee (Annual)	PKR 400,000	PKR 400,000	PKR 400,000
Misc. Fee	PKR 50,000	PKR 50,000	PKR 50,000
	No Tuition Fee & 3 Years Service Bond	No Tuition Fee & 2 Years Service Bond	Full Tuition Fee & 1 Years Service Bond

**Note:** As per Government directive 5% Advance Tax will be charged over total fee (The tax will be applicable on two lac and above fee per annum)  
 Any additional taxes imposed by the government will be the liability of the students/parents/gurdian.  
 (The University reserves the right to increase the fees if required according to the recommendation of the Governing Body).  
 Payment delayed will be charged penalty as per current university policy.

**MS, MD & PhD Programs in FM&AMS (4 Years Program)**

Fee Items	Category A (Paid + Full time Bond)	Category B (Unpaid)	Category C (Unpaid)
Admission Fee (One Time)	PKR 50,000	PKR 50,000	PKR 50,000
University Fee (Annual)	PKR 50,000	PKR 50,000	PKR 50,000
Tuition Fee (Annual)	PKR 450,000	PKR 450,000	PKR 450,000
Misc. Fee (Once & Non Refundable)	PKR 50,000	PKR 50,000	PKR 50,000
	No Tuition Fee & 4 Years Service Bond	No Tuition Fee & 2 Years Service Bond	Full Tuition Fee & 1 Years Service Bond

**Doctor of Physical Therapy Program**

Fee Items	Category A (Regular)	Category B (Overseas)	Category C (Foreigner)
Admission Fee (One Time)	PKR 30,000	USD 600	USD 700
University Fee (Annual)	PKR 20,000	USD 400	USD 500
Tuition Fee (Annual)	PKR 175,000	USD 3,000	USD 4,000

**Master of Business Administration in Rehabilitation Management**

Fee Items	Category A
Admission Fee (One Time)	PKR 15,000
Enrollment Fee	PKR 10,000
Tuition Fee (Semester)	PKR 70,000

**One Year Additional Certificate Course of Physical Therapy/Occupational Therapy**

Fee Items	Category A
Admission Fee (One Time)	PKR 15,000
Enrollment Fee	PKR 5,000
Tuition Fee (Semester)	PKR 70,000

**Note:** As per Government directive 5% Advance Tax will be charged over total fee (The tax will be applicable on two lac and above fee per annum)

Any additional taxes imposed by the government will be the liability of the students/parents/gurdian.

(The University reserves the right to increase the fees if required according to the recommendation of the Governing Body).

Payment delayed will be charged penalty as per current university policy.



**Master of Philosophy & Post Professional Doctor of Physical Therapy Program**

Fee Items	Category A (Regular)	Category B (Overseas)	Category C (Foreigner)
Admission Fee (One Time)	PKR 25,000	USD 600	USD 700
University Fee (Annual)	PKR 10,000	USD 400	USD 500
Tuition Fee (Semester)	PKR 70,000	USD 1,800	USD 2,000

**Professional Deficiency Make Up Program**

Fee Items	Category A (Regular)	Category B (Overseas)	Category C (Foreigner)
Admission Fee (One Time)	PKR 25,000	USD 600	USD 700
University Fee (Annual)	PKR 10,000	USD 400	USD 500
Tuition Fee (Semester)	PKR 85,000	USD 1,500	USD 1,800

**BS (Vision Sciences) Program**

Fee Items	Category A (Regular)	Category B (Overseas)
Admission Fee (One Time)	PKR 25,000	PKR 25,000
University Fee (Annual)	PKR 5,000	PKR 5,000
Tuition Fee (Annual)	PKR 120,000	PKR 180,000

**FEE FOR REPEATING / REAPPEARING COURSE(S)**

**FES&T and FCE&MS:** A student repeating course(s) has to pay tuition fee on the basis of Rs. 3,000 per credit hour per course or the semester fee, whichever is less. In case of summer session, the student has to pay Rs. 3,000 per credit hour per course for repeating or reappearing in a course.

**PAYMENT OF FEES**

The fee installments of packages and dues are payable by a bank draft in the name of Isra University.

**Late Fee:** The students, who fail to pay the installments of fee package within the prescribed period, will be required to pay penalty based on the current per day bank rate. The dues inclusive of the penalty is payable until two weeks before the ensuing examination failing which the concerned students will not be allowed to sit in the examinations; and their admission may be cancelled.

**FINANCIAL ASSISTANCE**

Isra Islamic Foundation and other philanthropic organizations / individuals provide a limited number of full and partial free-ships,

scholarships and other forms of financial assistance that are available to the needy and meritorious students.

Isra University is listed in the roster of institutions where the poor and meritorious students, seeking admissions, are eligible to apply for the award of scholarships from an endowment fund created by the Government of Sindh. For more information, the interested students should contact the Secretary, Board of Trustees for Endowment Fund, Education Department, Government of Sindh, Karachi.





## Teaching Staff



Dean  
 Teaching Staff Skills  
 Lecturer Registrar  
 Medical Officer Chairperson  
 Associate Instructor  
 Assistant Demonstrator  
 Knowledge Professor  
 Highly Qualified Department  
 Coordination Administrator  
 Senior Registrar Visiting Faculty





## Teaching Staff

A highly qualified and dedicated teaching staff caters for the academic needs of the students, enabling them to acquire the knowledge and skills, required to compete in the growing economy and serve the society at large.

**ISRA UNIVERSITY, KARACHI CAMPUS****Administration**

Ghulam Husain Siddiqi  
Pro-Vice Chancellor

Masood Ahmed Abbasi  
Additional Registrar

Tariq Ahmed  
Additional Controller of Examinations

Ali Muhammad Memon  
Chief Financial Officer

**AI-TIBRI MEDICAL COLLEGE****Administration**

Muhammad Umar Kazi  
MBBS, FCPS  
Deputy Chief Executive Officer

Muhammad Saleh Memon  
MBBS, M.Phil  
Principal

Aamir Hussain Gopang  
Administrator

Department of Anatomy  
Muhammad Rafique  
MBBS, M.Phil  
Professor

Qadir Bux Memon  
MBBS, M.Phil  
Professor

Aftab Abbasi  
MBBS, M.Phil  
Assistant Professor

Hina Khan  
MBBS, M.Phil  
Assistant Professor

Samia Aghai  
MBBS, M.Phil  
Assistant Professor

Mazhar-ul-Haq  
MBBS, M.Phil  
Assistant Professor

Shahid Maqbool Korai  
MBBS  
Lecturer

Mazhar Ali Kalhoro  
MBBS  
Lecturer

**Department of Physiology**

Muhammad Ahmed Azmi  
B.Sc., M.Sc., PhD  
Professor

Husan Bano  
B.Sc., M.Sc., M.Phil  
Professor

Muhammad Sajid Khan  
MBBS, M.Phil  
Assistant Professor

Raheela Adil  
MBBS, M.Phil  
Assistant Professor

Adnan Anwar  
MBBS  
Lecturer

**Department of Biochemistry**

Aziza Khanum  
M.Sc., M.Phil, PhD  
Professor

Nadeem-ul-Haq  
MBBS, M.Phil  
Associate Professor

Javed Iqbal  
MBBS, M.Phil  
Assistant Professor

Ghazala Panhwar  
MBBS  
Lecturer

Liaquat Ali  
MBBS  
Lecturer



**Department of Pathology**

Muhammad Saleh Memon  
MBBS, M.Phil  
Professor

Anila Qureshi  
MBBS, M.Phil, PhD  
Professor

Amin Fahim  
MBBS, M.Phil, PhD  
Associate Professor

Nazia Qamar  
MBBS, M.Phil  
Assistant Professor

Ms. Sumayyia Ulffat  
MS, M.Phil  
Assistant Professor

Rakhshinda Younus  
MBBS, M.Phil  
Assistant Professor

Muhammad Yousif Khoso  
MBBS  
Lecturer

Imdad Ali Chandio  
MBBS  
Lecturer

Saira Siddiqi  
MBBS  
Lecturer

Tara Chand  
MBBS  
Lecturer

**Department of Community Medicine**

Syed Muhammad Maqsood  
MBBS, MPH, M.Sc.  
Professor

Zeba Saeed  
MBBS, M.Phil  
Associate Professor

Riaz Ahmed Bhutto  
MBBS, DCPS  
Associate Professor

**Department of Pharmacology**

Abdul Latif Mahesar  
MBBS, M.Phil  
Professor

Aftab Ahmed Shaikh  
MBBS, M.Phil  
Associate Professor

Farheen Hameed  
MBBS, M.Phil  
Assistant Professor

Abbas Kakepoto  
MBBS  
Lecturer

Arshad Hussain  
MBBS  
Lecturer

Zuhaib Ahmed  
MBBS  
Lecturer

**Department of Forensic Medicine**

Waqar Hussain Shaikh  
MBBS, DMJ  
Associate Professor

Shahid Kamran  
MBBS  
Lecturer

Asadullah Ansari  
MBBS  
Lecturer

Ali Mujtaba Shah  
MBBS  
Lecturer

Zahoor Ahmed Shaikh  
MBBS  
Lecturer

**Department of General Medicine**

Muhammad Aslam Arain  
MBBS, FCPS  
Professor

Akhtar Hussain  
MBBS, American Board  
Professor

Faiza Samad  
MBBS, FCPS  
Professor

Shamsuddin Solangi  
MBBS, MD  
Associate Professor

Abdul Rabb  
MBBS, FCPS  
Assistant Professor

Aziz-ur-Rehman Channar  
MBBS, FCPS  
Assistant Professor

Shumaila Rafi  
MBBS, FCPS  
Assistant Professor

Shamaila Tasleem  
MBBS, FCPS  
Assistant Professor

Muhammad Ilyas Jat  
MBBS, FCPS  
Assistant Professor (Psychiatry)

**Department of General Surgery**

Iqbal Ahmed Memon  
MBBS, FRCS, Ed  
Professor

Nazimuddin Jat  
MBBS, FRCS  
Professor

Waseem Memon  
MBBS, FCPS  
Professor

Sadaf Jabeen Malik  
MBBS, FCPS  
Assistant Professor

Rekha Melwani  
MBBS, FCPS  
Assistant Professor

Ihsanullah Sial  
MBBS, MS  
Assistant Professor

Faheem Ahmed Abbasi  
MBBS, FCPS  
Assistant Professor (Orthopedics)

**Department of Obstetrics & Gynaecology**

Shabeen Naz Masood  
MBBS, FCPS  
Professor

Kausar Parveen Jilani  
MBBS, FCPS  
Professor

Ambreen Amna  
MBBS, FCPS  
Associate Professor

Nusrat Lakho  
MBBS, FCPS  
Assistant Professor

Saira Saeed  
MBBS, FCPS  
Assistant Professor

Bushra Zulfiqar  
MBBS, FCPS  
Assistant Professor

Shahida Parveen  
MBBS, FCPS  
Assistant Professor

**Department of Pediatrics**

Yasmeen Channa  
MBBS, FCPS  
Professor

Zahida Saleh  
MBBS, FCPS  
Assistant Professor

Nighat Seema Kamran  
MBBS, FCPS  
Assistant Professor

#### Department of ENT

Sohail Abdul Malik  
MBBS, FCPS  
Professor

Ejaz Un Nabi  
MBBS, FCPS  
Assistant Professor

#### Department of Ophthalmology

Ghulam Qadir Kazi  
MBBS, FRCS  
Professor

Muhammad Umar Kazi  
MBBS, FCPS  
Associate Professor

Munwar Hussain  
MBBS, MS  
Assistant Professor

Asif Mashood Qazi  
MBBS, MS  
Assistant Professor

#### Department of Anesthesiology

Sheikh Arz Muhammad  
MBBS, MCPS  
Consultant

Muhammad Tariq Ansar  
MBBS, MCPS  
Consultant

Noor Hussain Gopang  
MBBS, MCPS  
Anesthetist

#### Department of Radiology

Ummey Aymen  
MBBS, FCPS  
Assistant Professor

#### ISRA INSTITUTE OF REHABILITATION SCIENCES

Muhammad Asif  
BS(PT), B.P.Ed., M.Sc (PT), MPT (MSK), PP-DPT,  
M.Phil (SM&MPT), CCRP  
Professor & Principal

Muhammad Atif Khan  
BPT, PP-DPT, M.Phil (SM&MPT), CCRP  
Assistant Professor, Vice Principal

Hira Islam Rajput  
BPT, PP-DPT, CCRP  
Assistant Professor

Vinod Kumar  
BS(PT), PP-DPT, M.Phil (SM&MPT)  
Assistant Professor

Shazia Abdul Hamid Khalfe  
BPT, PP-DPT  
Assistant Professor

Noman Ahmed Issani  
B.Tech, B.Ed. MCSE, MBA, M.Sc. (HPE&SS)  
M.Phil (HPE&SS)\*  
Assistant Professor

Satish Kumar  
BPT, PP-DPT, M.Phil (SM&MPT)\*  
Assistant Professor

Sahar Pasha  
BS(PT), PP-DPT  
Senior Lecturer

Nasir Mahmood  
BS(PT), PP-DPT  
Senior Lecturer

Khadija Tul Kubra  
BPT, M.Phil (SM&MPT)  
Senior Lecturer

Muzna Kafeel  
BPT, M.Phil (SM&MPT)  
Senior Lecturer

Mehwish Khan  
BS(PT), PP-DPT\*  
Lecturer

Sumeet Kumar  
DPT, M.Phil (OPT)\*  
Lecturer

Abdul Rashad  
DPT, M.Phil (OPT)\*  
Lecturer

Muhammad Farooq Khan  
BS(PT)  
Lecturer

Imran  
BA, MA, M.Sc (HPE&SS)  
Demonstrator

Elsa Saeed  
M.Sc (Botany)  
Demonstrator

#### **ISRA SCHOOL OF OPTOMETRY**

Abdul Hameed Talpur  
MBBS, M.Sc. (CEH), MS (Ophthalmology)  
Director

Sajjad Hussain  
BS (VS), MPH (CEH)  
Program Coordinator

Muhammad Siddique  
BS (VS)  
Senior Lecturer

Toufique Hussain  
BS (VS), MPH (CEH)  
Senior Lecturer

Amar Yasir  
BS (VS)  
Lecturer

Muhammad Nasir Khan  
M.Sc. (Physics)  
Lecturer

Kanwal Parveen  
BS (VS)  
Lecturer

Saman Hamid  
BS (VS)  
Lecturer

Muhammad Saleem Burdi  
MBA (HR)  
Lecturer

Faisal Faheem  
B.Sc. Hons. (Statistics)  
Lecturer

Izmal Urooj  
BS (VS)  
Lecturer

Noor-ul-Huda  
BS (VS)  
Lecturer

Muhammad Asif  
BS (VS)  
Lecturer

Um-e-Farwa  
BS (VS)  
Lecturer

Shumaila  
PGD(CIS), MCS  
Lecturer

Nabila Noor  
BS (VS)  
Student Affairs Officer

#### **ISRA POST GRADUATE INSTITUTE OF OPHTHALMOLOGY**

Muhammad Saleh Memon  
MBBS, FRCS (UK)  
Executive Director & Professor

Abdul Rashid Shaikh  
MBBS, MS (Ophthalmology)  
Director & Associate Professor

P.S Mahar  
MBBS, FRCS (UK), FRC Ophthalmology  
Professor

Aziz-ur-Rehamn  
MBBS, FCPS  
Professor

Abdul Fattah Memon  
MBBS, FCPS  
Professor

Sadia Shah Bukhari  
MBBS, FCPS  
Associate Professor

Israr Ahmed Bhutto  
MBBS, FCPS  
Associate Professor

Abdul Qadeem Soomro  
MBBS, FCPS  
Assistant Professor

Abdul Sami Memon  
MBBS, FCPS  
Assistant Professor

Ashraf Dawood  
MBBS, FCPS  
Assistant Professor

Mujahid Inam  
MBBS, MCPS, MS (Ophthalmology)  
Assistant Professor

Adil Saleem  
MBBS, FCPS  
Assistant Professor

Asim Ateeq  
MBBS, FCPS  
Assistant Professor

Nazia Qidwai  
MBBS, FCPS  
Assistant Professor

Mustafa Kamal Junejo  
MBBS, MRCS  
Senior Instructor

Saima Majid  
MBBS, FCPS  
Consultant

Aijaz Ahmed Memon  
MBBS, MCPS  
Ophthalmologist

Ghulam Murtaza  
MBBS, DO, MS  
Ophthalmologist

Ameer M. Kazi  
MBBS, MCPS  
Ophthalmologist

Abdul Ghani Shaikh  
MBBS, M Sc. (Community Eye Health)  
Ophthalmologist

Abu Hena Fazle Rabbi  
MBBS, MCPS  
Ophthalmologist





**Karachi Campus:**

**AL TIBRI MEDICAL COLLEGE & HOSPITAL**

Near Al-Ibrahim Eye Hospital, Old Thana,  
Gadap Town, Karachi, Pakistan.

Tel: (+92 21) 34561711-20 Fax: (+92 21) 34561816

URL: <http://www.isra.edu.pk> Email: [info@altibri.edu.pk](mailto:info@altibri.edu.pk)

**ISRA INSTITUTE OF REHABILITATION SCIENCES**

Street 7/A, Block-5, Gulshan-e-Iqbal, Karachi

Tel: (+92 21) 34664002 Fax: (+92 21) 34664001

URL: <http://www.isra.edu.pk> Email: [iirs.khi@isra.edu.pk](mailto:iirs.khi@isra.edu.pk)