University Medical & Dental College
The constituent college of The University of Faisalabad

PROSPECTUS
And We (Allah) have revealed the Quraan which is a healing and a mercy to the believers; and it only adds to the loss of the cruels.

(Bani Israel-82)

May ALLAH grant His peace and blessings to His beloved Prophet Muhammad (S.A.W) and to his family and his companions.
Quaid-e-Azam
Muhammad Ali Jinnah (RA)

“I have always maintained that no nation can ever be worthy of its existence that cannot take its women along with the men. No struggle can ever succeed without women participating side by side with men. There are two powers in the world; one is the sword and the other is the pen. There is a great competition and rivalry between the two. There is a third power stronger than both, that of the women.”

*Speech at Islamia College for Women - March 25, 1940*

Allama Muhammad Iqbal (RA)

“I lead no party; I follow no leader. I have given the best part of my life to careful study of Islam, its law and polity, its culture, its history and its literature.”

Haji Muhammad Saleem (Late)
Founder Chairman of Madinah Foundation

**Vision**
- Industry
- Service
- Education
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Message

His Excellency
Chaudhry Mohammad Sarwar
Governor Punjab/Patron

It is a matter of great pleasure to note that The University of Faisalabad has been fast emerging as a prestigious institution of higher learning in the private sector since its inception in 2002.

The University has developed diversified expertise in terms of faculties and tools for imparting education by incorporating state of the art infrastructure, laboratories, technical equipment and IT labs. Having programs of studies of Health Sciences, Engineering, Management Sciences, Arts and Social Sciences, it has truly become a beacon of light for other institutions of higher education in the region.

I am glad to note that The University of Faisalabad is very much alive to the needs of higher education in the Country and is empowering its students with knowledge based education.

Within a short period of time the university has made a significant mark amongst its peers. I am sanguine that it will continue its efforts with great zeal and zest. The Government is taking all tangible steps for ensuring provision of quality education to all. Establishment of several public sector and private sector universities and degree awarding institutions is a step in this direction to provide quality education. Certainly, the contribution of private sector in promoting Higher Education is quite significant and The University of Faisalabad is an example of this. The University of Faisalabad offers a great opportunity of higher learning to the youth of this country, as acknowledged by the Higher Education Commission, Islamabad, through its ranking which indicates the focus and determination of the University to become a leading institution of higher learning and research.

The University is placing due emphasis on applied research and promoting technical skills at undergraduate and graduate levels. Establishment of the Office of Research, Innovation and Commercialization (ORIC) with a close academia-industry linkage for undertaking research initiatives on industry based problems is likely to serve as model for the other Universities. I would like to appreciate the Rector, faculty and management of the University for their diligent efforts and missionary approach. The University will continue its journey of success with added zeal and enthusiasm to achieve still higher goals in the future.
I feel glad to see that University Medical and Dental College, established in 2003, has progressively transformed into a centre of excellence in medical and dental education. It has, no doubt, made a fast paced progress in a short span of time. Establishing faculties of MBBS and BDS is not what UMDC confined itself to. It has now gone that extra mile that not many medical institutes take initiative for; it has ventured for research in the field of medical science and dentistry by offering MPhil programs in several of its disciplines.

Being a constituent college of The University of Faisalabad, a W4 category University, UMDC is affiliated with the University of Health Sciences (UHS) Lahore. This College is known for its state-of-the-art infrastructure, facilities and highly qualified, experienced and dedicated teaching faculty. Our students have been regularly securing top positions in various professional examinations conducted by UHS. We are proud to see that our alumni are serving in various leading hospitals and organizations both in the public and private sectors. It is a matter of great satisfaction for me to see that the 600 beds Madinah Teaching Hospital (MTH) integral to the UMDC is continuously and regularly upgrading its equipment and facilities and, rendering free specialist medical and dental services to the ailing humanity, specially the under privileged cross section of the society.

MTH has the unique distinction of being the only teaching hospital in the private sector that is rendering these services which include consultancy, diagnosis, medicines, hospitalization, surgery etc free of cost. It is registered with Punjab Healthcare Commission (PHC). MTH has been also awarded ‘Corporate Social Responsibility Award 2015’ and 2017 and achieved ISO 9001:2015 Certification.

UMDC is proudly contributing towards empowerment of the youth towards a bright future, and progress and prosperity of the country in the field of Medical and Health Sciences. I am confident that UMDC will continue in keeping up with its standards and finding new horizons through research and innovation in order to make itself an agent of positive change in the region. I wish UMDC Godspeed for its future and assure you of its continuous progress.
A Medical College imbibes the best and the brightest minds to learn the science of medicine and public health, and the art of compassionate care. As one of the affiliated colleges of the University of Health Sciences (UHS) Lahore, University Medical and Dental College (UMDC), Faisalabad is dedicated to advancing biomedical knowledge and human healing through innovative educational methods. UHS’s vision in a rapidly changing era of health care reforms is to educate medical leaders in patient-centered, science-driven, team-based, high-value health care. An appropriate selective admissions process, inter-professional team learning and a student-centered, flexible, innovative curriculum make our graduates accepted within the country and abroad.

Medical colleges such as UMDC need to seek out applicants who are passionate about the underserved, implement programmes and curricula that will nurture those passions, and graduate students who understand how to partner with communities to achieve better health especially in the nature inflicted and man inflicted disasters like earthquakes, floods, avalanches, dengue out breaks, smallpox and tuberculosis resurrection.

UMDC’s achievements in undergraduate medical education in the form of good results in recent years in various professional examinations are a tribute to the University, the faculty, the students the staff and its alumni. I am sure that it will select each new entering class with the intent of ensuring that it will train tomorrow’s medical leaders, who will be well prepared to practice as family physicians and specialists to meet the needs of public.
It is the matter of great pleasure for me to welcome our new students in University Medical & Dental College (UMDC), the constituent college of The University of Faisalabad. Now you are going to be a part of UMDC, one of the most prestigious medical & dental colleges of the country.

We have state of the art infrastructure, well equipped class rooms, laboratories, other academic and research facilities with affiliated Madinah Teaching Hospital (MTH). We are proud of our highly qualified and experienced faculty and staff. At UMDC, we inculcate research culture among our students. This is reflected in terms of long list of research publications of our students in well known national (HEC and PMC recognized) and international journals. Our College also has its own HEC and PMC recognized journal by name of Journal of University Medical and Dental College (JUMDC).

As the Rector of The University of Faisalabad, it is an honour for me to lead our institution to improve the healthcare through excellence in medical education, research activities and patients care in the region.

My best wishes to you for a bright and successful career ahead.
I congratulate you on joining one of the best centers of medical education in Pakistan. You will be entering a noble profession after undergoing five years of training here with us. Medical profession not only provides you infinite opportunities to serve humanity but also facilitates you to spend a purposeful life with spiritual and mental satisfaction. We shall train you in a healthy environment necessary to build your personality as a competent doctor and a kind and caring human being. It will be requiring continuous hard work and determination from you also.

Dean’s office will always be there to help and facilitate you in overcoming any hurdle in your smooth accomplishment of this undertaking. I wish you a happy beginning and successful completion of your teaching and training program at UMDC. I also wish you to be always a pride for your parents and your nation.

Prof Dr Muhammad Saeed
Dean, Faculty of Medicine and Allied Health Sciences
The University of Faisalabad
It is indeed, a matter of great pleasure for me to welcome you, on choosing this great institution of ours. It is my privilege to extend all of you my heartfelt felicitations on accomplishing your much desired goal of becoming a part of medical fraternity. Our college is a prestigious medical institution, recognized by the Pakistan Medical and Dental Council, College of Physicians and Surgeons Pakistan (CPSP) and accredited by the University of Health Sciences,(UHS) Lahore. It is listed in International Medical Directory (IMED) USA and registered in Foundation for Advancement of International Medical Education and Research (FAIMER) USA. Further it is listed in recent National Resident Matching Program (NRMP) of USA.

While you are here, you will be trained by most dedicated, highly qualified and talented faculty. We can safely say that our faculty is among one of the best in the country. Many of our senior faculty members are foreign qualified while others are from well known local universities or CPSP Fellows. They have wide experiences in their respective fields and a passion for professional advancement. They are familiar with modern classroom, bedside teaching skills, and are extremely result oriented with a track record of delivering to the students and serving the ailing humanity.

Our leadership in quality teaching is evident by the fact that in 2010 final professional MBBS examination our student secured first position among all public and private sector UHS affiliated colleges in Punjab. Similarly our students secured 3rd and 4th position in UHS in final professional examinations in previous years. Moreover over 200 students secured distinction in various professional examinations of MBBS and BDS. A number of our graduates have passed FCPS part-I examination and successfully completed Part II training at our hospital as well as at other well known hospitals of the country. Many of our graduates have passed foreign examinations like PLAB and USMLE and AMC for UK USA and Australia respectively. This is clear reflection of the quality of our students and faculty. Our graduates have been awarded scholarship and are studying in different well known universities abroad especially in countries like UK, USA and Australia.

Our affiliated Madinah Teaching Hospital has got ISO- 9001:2015 certification. Our departments are recognized by CPSP for FCPS part-II training. We are here to assist you to make learning an interesting and pleasurable activity. We hope that you will reciprocate and help us in our efforts to produce high quality graduates from this institution. We expect that you would transform yourself into an accomplished professional with a sound background of theoretical knowledge coupled with practical skills. I wish you all the success in your future plans!

Allah bless you
The College of Dentistry at The University of Faisalabad has been established in 2008. It commits itself to the pursuit of excellence in dental education, scientific research, compassionate patient care, and community service guided by Pakistani ethics and values. The College affirms its task in the development and formation of competent and compassionate dentists who are committed to quality patient care delivery of global standards and in accordance with the needs and goals of the nation. Therefore, the college delivers an outstanding dental education program that employs cutting-edge techniques for teaching, learning and practice of dentistry.

In past few years, the college has been upgraded and facilitated to provide scientific environment for
1. Undergraduate dental education
2. Postgraduate dental education, Training and Research opportunities
3. Dental auxiliary programs

It is my great pleasure to welcome you to the University of Faisalabad College of Dentistry. I wish to congratulate each of you, first on having secured your university place and second, for having the good sense to choose to study in the University of Faisalabad. The University of Faisalabad puts the student at the centre of everything it does; your experience here at TUF and your success is important to each and every member of staff who works here.

Your arrival at University marks a new chapter in the story of your life. But this chapter is a bit different. The preceding chapters were largely written by others – your parents, guardians, families, teachers and the like. Now you will be the principal author of the next chapter – you have the opportunity to determine the direction, the plot and the tempo of your story. This can seem as daunting as it is exciting, as challenging as it is empowering. But the great thing is that you are doing something that you have chosen to do, not something that was chosen for you by others. And while you are here at TUF you will have the opportunity to learn new things, acquire new knowledge, develop new skills, and enhance your personal attributes in profound ways that will equip for life after University. At the same time you will make new friends who will become your friends for life, with whom you will share memories of your University days for many years to come.
The University of Faisalabad

TUF The heart of Pakistan Textile Industry - Faisalabad suffered educational negligence for decades. Madinah Foundation, a philanthropic organization, renowned for extending services in the social sector, in the light of the vision “Industry, Service, Education” of its founder Chairman, Haji Muhammad Saleem (Late), under took the challenge of facilitating common man in paving the path of success through educational enlightenment. On March 17, 2002, Madinah Foundation launched a visionary mega project to overcome deficit of quality education in the area. The University of Faisalabad (TUF) was established to cater to the educational and technological needs emerging in the progressive scenario of the country in general and Faisalabad and surrounding areas in particular, with a missionary spirit, commitment and fervor in line with the vision of its founders. The distinguished University aspires for an appropriate balance between the emerging disciplines of science and technology and prevalent fields of humanities and social sciences. The university is chartered under Ordinance LX of October 2, 2002 promulgated by the Government of the Punjab. It is recognized by Higher Education Commission as a degree awarding University.

The University of Faisalabad is a Category ‘W-4’ University (highest grade awarded to any university by HEC for meeting the Cabinet and HEC criteria/requirement for faculty, programs, infrastructure, resources, laboratories, training facilities and endowment fund). It has the distinction of being ranked ‘FIRST’ in Pakistan, in HEC ranked public and private universities for the year 2013. It has secured 3rd position among private sector universities of Pakistan in HEC ranking 2015. Ranking is based on teaching quality, research and quality assurance systems. What sets The University of Faisalabad supreme is its unconditional commitment to quality education, sincere teaching endeavors, exclusive skill development, lucrative facilities, dynamism to improve and a competent management team with a vivid vision. We proudly empower and groom the youth of Pakistan by inculcating a sense of achievement for meeting competitive global challenges and contribute to the socio-economic development and prosperity of the country.

Sub-Campus:

Sub-campus of The University of Faisalabad named as Alam Tower is established at Bhobatian Chowk, Raiwind Road, Lahore.

University Medical & Dental College

Medical education in Pakistan, since independence, has been the domain of public sector. Changing trends in medical education around the world and immense pressure of quality treatment has paved way for private sector to play its part in the field. Despite being the industrial capital of the country, Faisalabad had only one Medical College and only two major hospitals to cater to the health and educational needs of over 6 million people. Madinah Foundation, following the vision of its founder Chairman Mian Muhammad Saleem (Late) ‘Industry, Service & Education’, established Medical College in 2003 to fill this vacuum in the medical education in Faisalabad. Since beginning, the College has strived hard and under the able, dynamic leadership and guidance of its present Chairman, Mian Muhammad Hanif, has achieved unique honors and distinction. Another distinct feature of the College is that it is a Medical & Dental College for girls only. The College has hired the services of eminent medical professionals from around the country.
Vision

To be a leading educational institution characterized by

- An intellectual environment conducive for innovative teaching and learning
- A culture of original research to address the future challenges
- High quality professional education meeting the local and global requirements
- Emphasis on Islamic ethical values for inculcating the qualities of love, patriotism and service to humanity

Mission

“To foster an environment promoting patient care, professionalism, ethics and lifelong learning by providing state of the art innovative teaching, training and research opportunities for medical and dental professionals who would contribute towards an effective national & global healthcare system.”
Programs offered in The University of Faisalabad

All the undergraduate and graduate programs being offered are based on internationally recognized semester system of teaching and assessment.

**Faculty of Pharmaceutical Sciences**
- Doctor of Pharmacy
- MPhil Pharmaceutics
- MPhil Pharmacology

**Faculty of Medicine & Allied Health Sciences**
- BS Nursing
- BS Dental Technology
- BS Anesthesia Technology
- BS Emergency and Intensive Care
- BS Optometry (5 Years)
- BS Medical Lab Sciences (5 Years)
- BS Dermatological Sciences (5 Years)
- BS Medical Imaging Sciences (5 Years)
- BS Dietetics and Nutritional Sciences (5 Years)
- Doctor of Physical Therapy
- MSc Nursing
- MS Physical Therapy
- Musculoskeletal
- Orthopedic Manual
- Neuro Musculoskeletal

**Faculty of Engineering & Technology**
- Bachelor of Electrical Engineering with Specialization in Electronics, Power and Computer System Engineering
- Bachelor of Civil Engineering
- Bachelor of Chemical Engineering
- BS Engineering Technology with Specialization in Electrical and Civil
- BS Computer Science
- BS Software Engineering
- MS Computer Science
- MS Electrical Engineering
- PhD Electrical Engineering

**Faculty of Management Studies**
- BS Aviation Management
- Bachelor of Business Administration
- Master of Business Administration
- Executive MBA
- Master of Commerce
- MS Management

**Faculty of Arts & Social Sciences**
- BS Arabic
- BS English
- BS Interior Design
- BS Islamic Sciences
- MA Arabic
- MA English
- MA Islamic Sciences
- MPhil Arabic
- MPhil Islamic Studies
- MPhil Applied Linguistics
- PhD Arabic
- PhD Islamic Studies

**Faculty of Sciences**
- BS Physics
- BS Mathematics
- MSc Physics
- MSc Mathematics
Academic Council of University Medical & Dental College

Academic Council is the body comprising of all Head of Departments and Professors. It meets from time to time under the Chairmanship of the Principal to discuss various academic issues. It ensures timely completion of syllabi of all classes and each department has to present its progress in terms of lectures taken, research work done and quality of patient care in the hospital.

Constitution of Academic Council is as under:

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<th>Name</th>
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<tr>
<td>Prof Dr Muhammad Saeed</td>
<td>Dean, FMAHS</td>
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<td>Prof Dr Aamir Ali Chaudhry</td>
<td>Principal UMDC</td>
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<td>Prof Dr M Akram Malik</td>
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<td>Prof Dr Haji Muhammad Aslam</td>
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<td>Assoc Prof Dr Sadaf Zia</td>
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<td>Assoc Prof Dr Saba Tariq</td>
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<td>Assoc Prof Dr Nadia Bano</td>
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<td>Assoc Prof Dr Hafiz Arslan Wahid</td>
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<td>Asst Prof Dr Rabia Tabassum</td>
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<td>Asst Prof Dr Kiran Naheed</td>
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Facilities at UMDC

Library
The mission of TUF Libraries is to provide the right information to the right person at the right time in a right way. TUF libraries have a network of four libraries in the university to promote reading culture and provide access to information on diverse academic disciplines. These libraries are spacious, well planned, and offer serene environment. Libraries serve their community with up-to-date information through different sources, including digital library, online research journals, periodicals. All users from faculty, staff, or students are encouraged to make full use of available resources. Libraries contain around 50,000 books on medical, pharmaceutical sciences, allied health sciences, engineering, religion, management, computer, nursing, literature, and social sciences. Internet facilities in the library connect users to libraries. These libraries provide access to books, journals, theses, newspapers, and other resources in hybrid environment (i.e. combination of print and online resources). These libraries are member of Higher Education Commission (HEC) Digital Library that provides access to thousands of virtual reference sources, online books, electronic journals, digital theses, and other multimedia resources on various subjects. TUF libraries are equipped with latest technology like RFID System and (KOHA) Library Management System, and are providing users the facility of borrowing and returning of library material. The bibliographic information about available collections is available through KOHA software

Carrels and Study Spaces
Comfortable interior and innovative furniture in the libraries make them stunning and provide refreshing environment which attracts users and compel them to spend time and study in a relaxed and conducive environment. Study carrels and study lounge for faculty and students provide excellent atmosphere.

TUF Portal (LMS)
The University of Faisalabad has another distinguished quality of having University’s own LMS account. Where we are also providing bundle of books, through upload books icon on all subjects in E-Library icon.

Plagiarism Query
We check our researchers, research papers through plagiarism through Turnitin.

Reference Services
We are also providing or facilitate our prestigious faculty members, hardworking students and Researchers to fulfill their thirst of learning & knowledge through online reference service. For this researchers send their demands through emails with their research topics, article links, online journals, and demand of soft copies of books to library@tuf.edu.pk. We reply ASAP to the users’ request.

OPAC Services
TUF libraries provide facility of Online Public Access Catalogue (OPAC) of library resources, online booking and reservation of library material to the library patrons.

Information Literacy Sessions
TUF libraries arrange information literacy sessions time to time in order to enhance the online searching skills of students and researchers. This facility provides excellent opportunity of organizing and participating in lectures, workshops, seminars, discussions, and meetings.
Inter-Library Loan Facility
Inter-library loan and searching facility option is also available in the library. Users can search material available in the libraries of different campuses of TUF, through Union Catalogue. Users can request library staff to help them in getting their required material from other libraries through inter-library loan.

SMS Reminder Services
TUF libraries have also introduced SMS Service to facilitate library users like faculty, staff and students. In this service weekly messages are sent to the users whose return date is over. Through this service they can return their library material on time.

Internet and Wi-Fi
Computers with internet and Wi-Fi connections are available for the use of students and teachers for their study and research. A team of competent library professionals is also available to provide reference & research assistance.

Video Conferencing Facility
Video conferencing facility is available at UMDC.

Photocopying Facility
The photocopy centers are working on subsidized rates. These centres also have the facility of spiral binding, stapler binding, and hard binding.

Digital Resources
The libraries are also providing access to thousands of online full text journals, conferencing proceedings and articles through different online databases under the HEC’s National Digital Library Program. Students and faculty can access these resources from inside the campus through IP address. Library is also giving access to around 1,42,000 online books through different databases that have also been made available through the HEC’s Digital Library Program.

E-Databases (Articles)
- Pro Quest Dissertation & Theses
- EBRARY
- ISI WEB OF KNOWLEDGE
- SPRINGER LINK
- TAYLOR & FRANCIS Journals
- WILEY-BLACKWELL JOURNALS
- J-Store
- Emerald
- Elsevier
- ASTM
- BRILL
- IMF ELibrary
- Free Medical Journals
- SIAM
- Institute for Operational Research and the Management Sciences (INFORMS)

JUMDC - Research Journal of UMDC
UMDC has achieved another landmark by publishing its own Research Journal of University Medical & Dental College (JUMDC) after 8 years of its establishment. It contains original articles and case reports. It is a peer reviewed medical journal and recognized by HEC and PMDC.

IT Facilities
Information & Communication Technology (ICT) department is responsible for ensuring the adequacy of academic and administrative computing facilities at TUF. The department implements efficient technology infrastructure, supports effective campus management system, and delivers responsive IT support services. Wi-Fi cloud computing facility is also made available in the University and in popular locations such as library and central courtyard. Network in the University has been converted to Fibre Optic. Now the data communication is at the speed of light without any distortion and noise. Currently, there are around 1000 connected workstations across TUF in academic and administrative units.

Network Operation Center
The university’s Network Operation Center offers a vast array of technology services including state of-the-art computing labs with high-tech computers, high-speed dedicated internet, a secure wired network and high availability e-mail, workplace computing resources and applications. The university is availing bandwidth facility from HEC under Pakistan Education Research Network (PERN). A PERN-II connection having 32 MB dedicated link via fibre optic has been installed, 36 MB CIR bandwidth from other ISPs and 200 MB shared internet from PTCL is also available.

FM TUFILIANS 96.6
Educational Radio Channel of the University Educational Radio Channel FM 96.6 was launched on October 9, 2014. This was inaugurated by Honorable Imam Bin Hussain Bin Ali Zain ul Abidin, Khadam Rozae- Rasool Madina-tulMunawrah. It broadcasts various programs concerning health, education, social welfare, recreation, sports, and many other subjects. Eminent scholars, professionals, and academic staff of the University deliver talks related to their fields of specialization. The participation of the students in the form of their interviews concerning education and sports activities are relayed regularly. Students are encouraged to take part in these programs.

Two well furnished centrally air conditioned auditoria occupy central place in the campus. These are the venue of conferences, seminars, declamation contests, lectures and other such functions.
**Auditoria**
Well furnished centrally air conditioned auditoria occupy central place in the campuses of the University. These having a seating capacity of more than 200 to 550 are a venue for conferences, seminars, declamation contests, lectures and other functions. These auditoria are equipped with latest multimedia, overhead projectors and sound systems.

**Hostel**
The College provides hostel facilities to students belonging to cities/towns other than Faisalabad. There are number of facilities including TV lounges, common rooms, study rooms, internet, prayer rooms and kitchens on each floor. All students living in the hostel are expected to conform to rules and regulations framed from time to time.

**Conference Room**
A well furnished state of the art conference room with multimedia, overhead projector and built-in sound system is also available for Board/Faculty meetings and for organizing training programs, seminars and workshops with a smaller number of participants.
Islamic Gallery
An artistic Islamic Gallery which is a source of spiritual elevation has been established in the library of the University. The Gallery has a rich collection of rare relics, e.g. Naqsh of Naalain-e-Mubarak of Prophet Hazrat Muhammad SAW (made of pure gold), letters sent by the Holy Prophet (SAW) to different kings, various calligraphic paintings, large sized hand written Quran with pure silver jacket, a piece of carpet from RIAZ UL JANNAH, rare Islamic books and sayings of Hazrat Ali Karram Allah Wajhahu, and many more relics related to Islamic history, which makes it worth visiting.

Transport
The College has out source transport to facilitate students in their pick and drop from and to the College.

Cafeteria
Well furnished cafeterias in the College cater for food and light refreshments for students throughout the year.

Bank
A branch of the Habib Metropolitan Bank is available within the campus, for assistance to students & staff in their banking transactions.

Security of the Campus
IP Cameras with night vision features, Tripod Turnstile Security system and Walk Through security gates have been installed in the Campus to ensure full security from all entry points to various sections of the College including teaching and administrative departments.
Students’ Activities

The University lays emphasis on developing and grooming personalities of its students. A number of lectures, seminars, workshops, symposia, debates, declamation contests, awareness walks, literary programs, poster competitions, photography and quiz competitions are held regularly by subject societies.
Education is not the learning of facts. But training the mind to Think.

Albert Einstein
Sports activities are carried out on national and regional levels under the guidance of the Directorate of Sports. Accordingly, facilities for basketball, football, hockey, cricket, table tennis and badminton are available.

Students’ Societies

In order to promote the students’ involvement in activities being held in the university and to provide them the platform to demonstrate their talent, following societies are run by the students:

- Religious Society
- Literary Society
- Cultural Society
- Community Services Society
- Dramatic Society
- Musical Society
- Art Society
- Publication Society
- Sports Society
- Blood Donors Society
- Photography Society
- Character Building Society
- Rehabilitation Society
- Hepatitis Awareness Society

Faculty members supervise these societies and provide guidance to facilitate implementation of decisions that require interaction with the university administration. Students are encouraged to interact with faculty pertaining to academic affairs and co-curricular activities.
UNIVERSITY MEDICAL & DENTAL COLLEGE FAISALABAD

Medical Section

University Medical & Dental College is

- Recognized by Pakistan Medical Commission (PMC), Islamabad
- Affiliated with The University of Health Sciences (UHS), Lahore
- Approved by Ministry of Health, Government of Pakistan
- Listed in Avicenna Directory of World Health Organization (WHO)
- Listed in International Medical Education Directory (IMED)
- Registered with Foundation for Advancement of International Medical Education & Research (FAIMER), USA
- Listed in National Resident Matching Program (NRMP), USA

Moreover,

- House jobs guaranteed for all graduates
- Affiliated Madinah Teaching Hospital recognized for PG training for FCPS by College of Physicians & Surgeons Pakistan
- Only female Medical/Dental College in private sector of Punjab
- Scholarships offered to the position holders in MBBS/BDS professional exams

Eleven Batches of MBBS students has already passed out last year and has been awarded MBBS degree by University of Health Sciences, Lahore. The Dental section is also recognized by PM&DC for admitting 50 students per year and seventh batch of BDS students has passed out.

Research project is mandatory for every student before completion of MBBS and BDS programs. UMDC offers conducive environment for clinical and basic research. Its faculty has produced sizeable number of international and national papers published in impact factor journals.

Madinah Teaching Hospital (MTH)

MTH is a General Hospital with 600 beds, attached to the University Medical and Dental College (UMDC), and The University of Faisalabad (TUF), was established 30 years back with vision of commitment, service and quality healthcare delivery to underprivileged cross section area of our society.

MTH is recognized and approved by Pakistan Medical Commission (PMC), University of Health Sciences (UHS), College of Physician and Surgeons Pakistan (CPSP) and Pakistan Nursing Council (PNC) as a teaching hospital for Graduates and Post Graduate programs. Hospital is licensed by Punjab Healthcare Commission (PHC). Dedicated team of qualified and experienced doctors, nurses and paramedics are working round the clock to fulfill its mission towards continuous delivery of services and healthcare facilities among the ailing humanity. Being teaching hospital, it is providing state-of-the-art teaching facilities and infrastructure to the students of MBBS, BDS, PharmD, Physical Therapy, Optometry, Diet and Nutritional Sciences, Medical Imaging Sciences, Medical Lab Sciences, Dermatological Sciences and Nursing Programs. The hospital is fully equipped with modern and latest treatment/diagnostic facilities and providing all services free of cost e.g Corneal Grafting, Total Hip Replacement, Angiography, Angioplasty MRI, ERCP, Renal Dialysis, CT and Hep B & C treatment.

An average OPD is 2000 patients with 120 admissions and 80 Operation per day. MTH has been awarded the ‘Corporate Social Responsibility Award’ in 2015 and 2017.
The Department of Anatomy is one of the most established departments of University Medical & Dental College Faisalabad. The building comprises of air-conditioned, well maintained and well equipped dissection hall, lecture theatre, museum and Histology laboratory. Anatomy as a subject is one of the major basic subjects taught to MBBS and BDS students right from the beginning. It is a fact filled subject full of Greek and Latin terms. The curriculum of Anatomy comprises of four basic disciplines.

a. **Gross Anatomy:** Is the macroscopic study of human body carried out by dissection on cadavers by the students under supervision of experienced teachers. Study of skeleton, models and X -rays enables the students to apply Anatomical knowledge later on to medical diagnosis. For better concept building students are shown dissection films related to all regions of human body in small groups on 42” LCD.

b. **Histology:** Is the Microscopic Anatomy in which study of cells and their organization into the tissues and organs is carried out. Students themselves learn to use microscope and study microscopic appearance of normal tissues. It enables the students to diagnose the diseased tissue from the normal in Histopathology. In histology lab facilities are available for group teaching on trinocular microscope equipped with digital camera and 42” LCD.

c. **Development Anatomy; (Embryology):** Covers the principles of reproduction and fetal growth and development, including explanations of various structural relationships in the human body and developmental anamolies. Students use 3D simulated films of embryo development on computer and multimedia.

d. **Neuro-Anatomy:** Is the study of Anatomical organization of Brain and Peripheral nervous system. Competent and highly qualified teaching faculty is present to teach all disciplines of Anatomy. Teaching is carried out in the form of Lectures, Practicals, Tutorials on white board, multimedia and overhead projector. At the end of every topic special emphasis is laid on clinic-anatomical aspects. The PBL (Problem Based Learning) sessions, presentations and regular class evaluation tests are also carried out on completion of a term.
The study of Physiology covers the function and behavior of living systems from sub cellular and cellular levels to, organ function and body as a whole. The interaction of living organisms with the environment, biological control of systems, and biophysics of cell membranes would be given special emphasis. The study of the physiological functions of major organs and systems of the body would be dealt with special emphasis on the functions of behavior, internal homeostasis, voluntary and involuntary motor control. Work in the laboratory also includes in-video study of organ functions, hands on advanced recording and monitoring techniques will be arranged through out the year of study.

Practical's in physiology are demonstrated on actual machines, measuring pulmonary, muscular and nerve functions. These are aided by 3D computers modules and promote patriotism in addition to obtaining clinical training. The Department is on progress towards attainment of the best that can compete with the standard global programs of Medical Physiology. The documentation of all the academic activities is made a rule where SGTs and PBLs logs are strictly marked in collaboration of medicine faculty.

Physiology is considered to be the back bone of all life sciences. In medicine even the Noble Prize is given with the title “Medicine & Physiology”.

The department of physiology since its inception as first department of UMDC in 2003 is back to focus towards the advancement of medical basic health academia with latest tools and techniques with the logo that “Present day medicine is a visual science”.

Latest journals and journal clubs with in department and faculty development and IT training is mandatory to keep pace with ever advancing medical endeavours.
The course of Biochemistry aims to give the students an understanding of the structure, function and working of human body at cellular, subcellular and molecular level, both in health as well as disease. The course is structured into several distinct portions in order to provide a logical approach to the subject:

- Molecular Biochemistry
- Nutritional Biochemistry
- Metabolism
- Clinical and Applied Biochemistry
- Biochemical Genetics
- Molecular Endocrinology
- Molecular Cell Biology

Laboratory practical classes are held to assist in elucidating the concepts discussed in lectures and seminars. Students are introduced to methods of biochemical investigations, relevant to clinical sciences. They are also introduced to the concepts of clinical biochemistry, in which measurement of bio-molecules is used for diagnosis and monitoring of the diseased states.

Modern techniques used in the clinical service and basic research laboratories are introduced with hands on various procedures to familiarize the students with scientific basis of modern methods along with their limitations and costs.
Pharmacology refers to the study of substances that interact with living systems through chemical process, especially by binding to regulatory molecules and activating or inhibiting normal body processes.

The substances may be chemical called drugs administered to achieve beneficial therapeutic effect in some process within the patients or for their toxic effects in regulatory process in parasites infecting patients. The subject of pharmacology is of crucial importance in medical programs. The personals are trained in the subject to use the drugs as weapons against different diseases effectively.

In short, Pharmacology embraces the knowledge of history, sources, properties, administration, absorption, distribution, mechanism of action, biotransformation, elimination and therapeutic uses as well as adverse effects of drugs.
Pathology is a branch of medical science primarily concerning the cause, origin and nature of disease. It involves the examination of tissues, organs, bodily fluids and thus is the bridging discipline involving basic science and clinical practice. We are very proud of our longstanding excellence in patient care, education and research as we continue to build on these rich traditions into the future.

Our concerned medical years include 3rd and 4th year MBBS sessions. The 3rd year track serves to admit students with a long-term interest in basic tissue and organ structure and function through the knowledge of general pathology and microbiology. After their first year, students in 4th year MBBS work towards their expertise in disease mechanisms and specialized functions in the field of hematology, chemical pathology and histopathology. The department also caters classes of 2nd year BDS thus building up their basic knowledge in diseases process.

Department of Pathology is fully equipped to teach the undergraduates by the provision of highly advanced machinery like individual student binocular microscopes, Pentahead having LCD display, bihead microscopes and Labomed microscopes for micro photographic display of microscopic sections. Department is equipped with highly specialized microtome, tissue processor, embedding station and grossing station to provide diagnostic facility to the hospital. The gross specimens are kept in world class museum to help inculcate in depth knowledge to the students.

Thus pathology is an umbrella that incorporates a number of different areas of biological science. Our trained staff and workers help train our students to face the challenges of the new world and achieve their goals in future.
Forensic Medicine is portrayed as a key to the past, explanation of the present and a sign post to the future. It is an important undertaking and a valuable tool to assist in many civil & criminal procedures to provide justice & peace to the suffering humanity. The Department of Forensic Medicine focuses on the integration of basic sciences with applied sciences. It covers all facts that help in justice, starting from DNA analysis of crime scene evidence like blood, semen & other tissues to the Toxicological analysis of poisons & drugs. Now a days, virtual autopsy is emerging as a science which revises the technical procedure of standard autopsy with the utilization of modern radiological imaging techniques like CT scan & MRI.

The position of a Medical doctor is that of a key stone. He is one to perform all sorts of Medico legal work including autopsy, conducting Medico legal examination & preparation of medical record. Students are given hands on training in the Mortuary & Medico legal clinics under supervision of trained staff. Therefore, they are primed in such a way that they have full knowledge, skill & adequate training in the subject of Forensic Medicine & Toxicology.
The Department of Community Medicine is geared up to prepare the students to become Community-Oriented Physicians and thereby contribute effectively to the Healthcare system of Pakistan. This subject is taught during first four years of MBBS program. The professional examination is conducted by the University of Health Sciences Lahore by the end of 4th year. Community Medicine includes the study and application of a wide range of Social Sciences, Concepts of Health Economics, Human Behavior, Social determinants of Health and Disease, Epidemiology, Biostatistics, Reproductive Health and Population Studies.

Emphasis is laid on the Planning and Management of Primary Health Care System. Students are involved in supervised research work under the guidance and supervision of our staff. Carry home assignments, field visits surveys and report writing are mandatory. Periodic evaluation is done during the academic years.

The department also extends its services for Rehabilitation Sciences, Nutrition and Dietetics, Optometry and other allied health sciences programs offered by TUF at undergraduate and postgraduate level. The department has highly qualified and experienced staff. Most of senior faculty members are foreign qualified like from Flinders University of South Australia, University of Sydney, University of North Carolina, Deakin University Melbourne & Johns Hopkins University. Further, the department has one of the most beautiful Museums among all the Medical Colleges of Pakistan. A very strong collaboration between Department of Community Medicine and World Health Organization (WHO) exists. Some of our graduates have done Postgraduation in community medicine from UK and are serving abroad.
Department of Medicine

- Dr. M. Saeed Akhtar  Professor
- Dr. Shahid Rasool  Associate Professor
- Dr. Salman Azhar  Assistant Professor
- Dr. Imran Nazir  Assistant Professor
- Dr. Matloob Ahmad  Assistant Professor
- Dr. Wasif Baig  Assistant Professor
- Dr. Syed H. A. Bokhari  Assistant Professor
- Dr. Salman Nazir  Senior Registrar
- Dr. Mahpara Munir  Senior Registrar
- Dr. Haider Saleem  Senior Registrar
- Dr. Amna Azhar  Senior Registrar
- Dr. M. Umar Iqbal  Medical Officer
- Dr. Sara Khan  Registrar

- Dr. Umar Shafqat  Registrar
- Dr. Saba Akhtar  Registrar
- Dr. Hussain Tariq  Registrar
- Dr. Kamran Saleem  Registrar
- Dr. Ayesha Tariq  Registrar
- Dr. Fareeha Samar  Registrar
- Dr. Bushra Akmal  Demonstration
- Dr. M. Shah Nawaz  PG Resident
- Dr. Fareeha Samar  PG Resident
- Dr. Anas Ahmad Shah  PG Resident
- Dr. Tasmia Afzal  PG Resident
- Dr. Syeda Sara Alia  PG Resident
- Dr. Nida Athar  PG Resident

Department of Medicine is located on ground floor in Zainab Block of MTH. It comprises 75 beds and a high dependency unit and emergency ward facilities. All types of medical patients are admitted through emergency and OPD on daily basis. The objective of this ward is to educate students through modern means to arrive at a diagnosis and to know the proper management of the disease process, based on physiological, anatomical and pathological foundation which was laid in pre-clinical study years. Students are taught to collect information through history taking, physical examination, and laboratory evaluation. They learn to make differential diagnosis and medical decision for continued evaluation and therapy of patients.

Gastroenterology and Hepatology is an integral part of the department. Department of cardiology provides inpatient care for patients with cardiovascular diseases. It also provides services for the catheterization laboratory (invasive diagnosis, PCI), Echocardiography, ETT and Holter monitoring. Nephrology department is efficiently involved in both inpatient and OPD care for patients kidney diseases including diagnostic kidney biopsies. Dialysis unit provides facilities for emergency as well as regular hemodialysis for patients with kidney failure.
The Department of Surgery at UMDC is one of the leading departments of hospital, recognized by PMDC for undergraduate training, house job and CPSP for post graduate training. The Department of Surgery aims to provide the highest excellence of surgical care to its patients in accordance with international norms of excellence. Our surgeons strive to advance the art and science of surgical care and to train future leaders in surgery.

The Departmental philosophy of quality and safety in surgery manifests in its active participation in quality improvement initiatives and strong emphasis on continuing education of its faculty and staff. We are cultivating a unique environment to further our tripartite mission of clinical practice, research and education. Research articles of department are being published regularly in PMDC recognized journals. Department has built its reputation as one of the best laparoscopic and thyroid surgery unit in Faisalabad and patient from far flung areas come here for these procedures. Department transfers information to students not only by lectures and ward training but also by arranging short group discussions, video sessions for different surgical procedures, CPCs and seminars.

Department provides its services round the clock for elective and emergency patients with the understanding that patient require more than our surgical expertise and advanced facilities. They seek to understand their condition and how they will be cared. All the services are free of cost as Madinah Foundation is bearing all the costs of these needy patients.
Department of Ophthalmology

- Dr. Zahid Siddique (Professor)
- Dr. Basam Mubarik (Associate Professor)
- Dr. Mehmood Hussain (Assistant Professor)
- Dr. Noor Elahi (Registrar)
- Dr. Irfan Rashid Bhatti (Registrar)
- Dr. Gulnaz (PG Resident)
- Dr. Sadia Khalid (Registrar)
- Dr. Haider Ali (Registrar)

The Department of Ophthalmology is equipped with state-of-the-art gadgets. The department has facilities of Corneal Transplant Surgery, Retinal Surgery, Yag Laser Photodisruption, green Laser Photocoagulation and Fundus Fluorescein Angiography. Recently, a latest excimer laser has been installed for photorefractive surgery.

This department is recognized for postgraduate training by College of Physicians and Surgeons of Pakistan and Royal College of Surgeons, England. The clinical teaching of undergraduates starts in third year. This includes tutorials, discussions, observing patients, basics of eye including the anatomy, physiology, pathology and clinical methods. During the fourth year, main emphasis is on eye diseases with relation to clinical methods, patient examination, tutorials and discussions are also dealt with. This department is one of the best in Pakistan and students get exposure to all sort of patients and surgical procedures to improve their knowledge and skill.
The Department of Obstetrics and Gynaecology is a dedicated unit that is destined to improve maternal health. The department offers a broad range of inpatient and outpatient services for women, including high risk obstetrical care, managing advance obstetric trauma and gynaecological emergencies, routine antenatal care, reproductive endocrinology, comprehensive diagnostic and treatment of various gynaecological disorders. With the provision of minimally invasive surgery and advanced radiological facilities, the department has emerged as one of the leading tertiary care centers in the city.

The department offers various educational programs for the undergraduates, post graduates and the nursing students. The department has gained accreditation by various health care authorities including PMDC, UHS, College of Physicians and Surgeons Pakistan, Royal College of Obstetricians and Gynaecology and Pakistan School of Nursing and Midwifery.

The curriculum is designed to meet the challenges of modern obstetrical and gynaecological care as well as to decrease the devastatingly high maternal mortality rate in Pakistan. The department started pilot program of modular system of education for final year MBBS in 2017 and is running it successfully. The students are taught modern concepts of medical education using live demonstrations in clinical practice and skill labs. The course enables many of the students to excel as leading obstetricians and gynecologists in future.
Department of Pediatrics

- Dr Sohaib Riaz
- Dr Ahsan Ahmad
- Dr Maqbool Ahmad
- Dr Aqsa Riaz
- Dr Ramla Rehman
- Dr Aliya Nausher
- Dr Esha Iftikhar
- Dr Syra Liaqat
- Dr Bismah Safdar
- Dr Rabia Tahir
- Dr Tahira Niazi
- Dr Rabia Tahir
- Assistant Professor
- Assistant Professor
- Assistant Professor
- Registrar
- Registrar
- Registrar
- Registrar
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- Registrar
- Registrar

The Department of Pediatrics comprises of the pediatric ward and neonatal unit with well equipped neonatal intensive care. The department provides clinical training at undergraduate as well as postgraduate level. The clinical training for undergraduate MBBS students in the Pediatrics department provides experience in the pediatric inpatient, outpatient’s clinic, intensive care, neonatal intensive care and nursery. The goal of training is to enhance students’ clinical skills through personal experience and direct involvement in patient care. Different teaching methodologies are being used in the department including group discussions, case based discussions and problem passed learning.

Students are also provided with the opportunity to participate in seminars, clinical meetings and hands on clinical skill workshops. Academic excellence of the department is evident by successful annual results of final professional examination including distinctions every year. We believe in achievement and maintenance of excellence in healthcare, education and research to serve the humanity.
Education in ENT begins with out-patient observation, in patient care, attending operation theatre and going through clinico-pathologic conferences, where students participate through case presentation. The department organizes seminars and tutorials on common ENT problems.

The course starts during the third year MBBS, which includes tutorials and discussions, observing patients and basics of ENT including anatomy, Physiology, Pathology and clinical methods are taught. During fourth year MBBS, main emphasis is on ENT diseases with relation to clinical methods, different diagnostic modalities and treatment protocol. Test at the end of posting including MCQ’s oral and clinical examination is taken.
Training is given in administration and management of all types of general and local anesthesia for surgical procedures. Necessary skills in resuscitation and airway management of critically ill and unconscious patients are taught to the medical students.
The Department of Psychiatry and Behavioral Sciences, UMDC provides services to a large catchment area of Faisalabad, Chiniot, Jhang, Toba Tek Singh and Hafizabad. Outpatient and liaison services are provided to different departments of Madinah Teaching Hospital. Teaching activities include clinical and theory classes to the final year MBBS students, while behavioral sciences lectures are delivered to the first year, second year and BDS students. There are library and audio visual rooms for undergraduate and postgraduate students. The department has well-developed psychology section. Psychological assessment and psychotherapeutic services are provided to outpatients.

Psychological assessment includes the area of personality, intelligence and behavior. Individual therapeutic sessions are provided to outpatients. The Department provides daily living skills, individual and family psychoeducation, adult day care and mental health counseling. Many research activities are being carried out in the department, current area of focus is adjustment disorder, reaction to stress, multiple studies have published in reputed journals; others are in pipelines. Teaching of psychology and psychiatry to nursing and paramedical students is also carried out.

The department is running a outreach program to decrease stigma and increase awareness about mental health and drug abuse. Annual World Mental Health Day is also celebrated by the department. Free medical camps are also arranged in different towns of Jhang, Toba Tek Singh, Jharianwala, Samundari, Chiniot and Hafizabad.

- Ms Zainab Asif   Clinical Psychologist/Student Counselor
- Ms Sana Mustafa  Clinical Psychologist
- Dr Mehwish Yaqoob  Registrar
- Dr Syrah Liaquat   Registrar
Department of Urology

- Dr Muhammad Suhail  Assistant Professor
- Dr Nauman Khalid  Assistant Professor
- Dr Farhan Jamshed  Registrar
- Dr Muhammad Waqas Iqbal  Registrar

Urology is an offshoot of general surgery and diseases of urogenital system are dealt in this field. This is one of the fastest growing fields of medicine. Majority of urological procedures are dealt with endoscopic invasive techniques, dialyses, renal transplantation. Extracorporeal Shockwave Lithotripsy (ESWL), Uretero renoscopy (URS), intracorporallitholopaxy, PCNL (Percutaneous Nephrolithotomy) are the new emerging techniques with TURP and Optical internal Urethrotomy as relatively older techniques.

Undergraduate and post graduate students attend the OPD, Indoor and operation theater in small groups for interactive sessions, clinical demonstration and observation as well as assistant to urological procedure. The Department is fully equipped with latest equipment for majority of urological procedures and is recognized by CPSP for postgraduate training in Urology.
The Department of Radiology provides signposting imaging to the patients of all age groups from new born to geriatrics, in patients as well as ambulatory patients.

Radiology department of Madinah Teaching Hospital is working under supervision of Prof Dr Nayab Alia, FCPS Radiology. Radiology department is giving basic diagnostic facilities. The department of Radiology is the center of excellence for imaging service.

There are exciting imaging service like 64 slices CT Scan, 1.5 MR digital fluoroscopy and digital mammography, CR ultrasound and Doppler ultrasound. We have close working relationship with our clinical and colleagues and offer teaching and clinical training experiences for undergraduate medical student, residents and clinical fellows.
Dermatology, the study of skin diseases is introduced in the fourth year MBBS as part of allied medical subjects. Students attend ward rotation in batches. They not only learn how to diagnose and manage various skin diseases, but also experience how to counsel the patients with sympathy and care.

Interactive methods of teaching including case based discussions are used to foster deep learning. During their stay in the ward, a hand on experience of various diagnostic and therapeutic procedures carried out in Dermatology is provided. Patient encounters in hospital environment prove to be a great source of motivation for the future doctors. Theoretical aspects are covered by interactive lectures in the final year.
The Department of Orthopaedics Surgery starts its teaching in the 3rd professional MBBS. In our department we care for adult and children with all kinds of musculoskeletal injuries as well as those who have chronic problems and complications of previous injuries.

The department has a full-fledged outpatient section. The ward is well-staffed and has all the instruments necessary for handling simple to compound fracture cases. Renowned orthopaedics specialists, plaster technicians and supporting personnel take care of the patients in the wards. The operation theaters are fully functional and several types of operations are carried out with excellent outcomes.

Among these are:
- Open reduction with internal fixation with plate and screw.
- Management of non unions and malunions
- Intra medullary close nails
- Hemiarthroplasty
- External fixators of various types
- Surgical correction of congenital anomalies like club foot, torticollis, springel shoulder and DDH
- Total knee and total hip replacement
- Soft tissue and bone tumor surgery
The Department of Medical Education (DME) has been established at the University Medical and Dental College under instructions from Pakistan Medical and Dental council with the mission to provide service to the community through quality education of health professionals. DME is striving to achieve excellence in medical education and provide the community with doctors and dentists not only better equipped with knowledge of the disease and relevant skills, but also the required attitudes and professionalism.

In other words, the future health professionals we expect to produce will be better armed with medical expertise and communication skills and should be able to stand out among the best in the world. We believe that the universities and medical colleges should not only impart knowledge but also create new knowledge. To this end the Department of Medical Education is endeavoring to launch research projects with participation from faculty and students. DME is also responsible for faculty development. Workshops, seminars and courses are arranged regularly by DME to better equip the faculty with new trends in instruction, assessment and research. “Certificate in teaching and learning” is an example of such a course that has been designed to educate the faculty with the knowledge, skills and attitudes deemed necessary of a successful teacher.

DME is responsible for services such as career counseling for students, support program for students requiring motivational support and consultancy service for faculty members interested in taking educational initiatives.
A course of Islamic and Pakistan Studies is compulsory for the degree. In addition to existing curriculum for degree classes, Muslim students are taught simple translation of the Holy Quran and Hadith and Fiqah relevant to the medical profession.

The curriculum of the Medical Faculty has been developed to meet the demands of modern medical practice. It is community oriented and problem based. Under-graduate medical and surgical training is coordinated and supervised by highly qualified staff, aware of the latest medical research and development. The curriculum focuses on small group work relationship between students and the faculty in accordance with the guidelines of Pakistan Medical and Dental Council.

### Scheme of Studies MBBS

<table>
<thead>
<tr>
<th>First Professional MBBS</th>
<th>Fourth Professional MBBS</th>
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<tbody>
<tr>
<td>1. Anatomy</td>
<td>1. Special Pathology</td>
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<tr>
<td>2. Physiology</td>
<td>2. Community Medicine</td>
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<tr>
<td>4. Islamiat/Pakistan Studies</td>
<td>4. ENT</td>
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<tr>
<th>Second Professional MBBS</th>
<th>Final Professional MBBS</th>
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<tbody>
<tr>
<td>1. Anatomy</td>
<td>1. Medicine &amp; Allied</td>
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<tr>
<td>4. Islamiat/Pakistan Studies</td>
<td>4. Paediatrics</td>
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<th>Third Professional MBBS</th>
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<tbody>
<tr>
<td>1. Pharmacology and Therapeutics</td>
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<td>2. Forensic Medicine and Toxicology</td>
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<tr>
<td>3. General Pathology</td>
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<td>4. Behavioral Sciences</td>
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### (a) Anatomy and Histology

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<td>Internal Evaluation</td>
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<tr>
<td>Oral &amp; Practical</td>
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<td>Internal Evaluation</td>
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<td><strong>Total</strong></td>
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### (b) Physiology

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<td>One Paper:</td>
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<td>Internal Evaluation</td>
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<tr>
<td>Practical &amp; Oral Exam</td>
<td>90</td>
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<tr>
<td>Internal Evaluation</td>
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<td><strong>Total</strong></td>
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### (c) Biochemistry

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<td><strong>Total</strong></td>
<td>200</td>
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**Note:**

Any student who fails to clear the first Professional and second Professional MBBS examination separately in three chances availed or un-availed after becoming eligible for each examination, shall cease to become eligible for further medical education in Pakistan.
# Third Professional MBBS Examination

(a) Pharmacology & Therapeutics  
- Theory: 135 Marks  
- Internal Evaluation: 15 Marks  
- Oral & Practical: 100 Marks  
- Animal experiment: 35 Marks  
- Internal evaluation: 15 Marks  
- Total: 300 Marks  

(c) Forensic Medicine  
- Theory: 90 Marks  
- Internal Evaluation: 10 Marks  
- Viva Voce/OSPE: 90 Marks  
- Internal Evaluation: 10 Marks  
- Total: 200 Marks  

(b) Pathology General & Microbiology  
- Theory: 135 Marks  
- Internal Evaluation: 15 Marks  
- Practical & Oral Exam: 135 Marks  
- Internal Evaluation: 15 Marks  
- Total: 300 Marks  

(d) Behavioral Sciences  
- MCQs: 90 Marks  
- OSCE: 90 Marks  
- Internal Evaluation: 20 Marks  
- Total: 200 Marks  

# Fourth Professional MBBS Examination

(a) Community Medicine  
- Theory: 135 Marks  
- Internal Evaluation: 15 Marks  
- Oral & Practical: 110 Marks  
- Project: 25 Marks  
- Total: 300 Marks  

(c) Otorhinolaryngology (ENT)  
- Theory: 90 Marks  
- Internal Evaluation: 10 Marks  
- Oral & Practical: 90 Marks  
- Internal Evaluation: 10 Marks  
- Total: 200 Marks  

(b) Special Pathology  
- Theory: 135 Marks  
- Internal Evaluation: 15 Marks  
- Practical & Oral Exam: 135 Marks  
- Internal Evaluation: 15 Marks  
- Total: 300 Marks  

(d) Ophthalmology  
- Theory: 90 Marks  
- Internal Evaluation: 10 Marks  
- Oral & Practical: 90 Marks  
- Internal Evaluation: 10 Marks  
- Total: 200 Marks
### Final Professional MBBS Examination

#### (a) Medicine including Psychiatry & Dermatology

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory</td>
<td></td>
</tr>
<tr>
<td>Paper I</td>
<td>135</td>
</tr>
<tr>
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<td>15</td>
</tr>
<tr>
<td>Paper II</td>
<td>135</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>300</strong></td>
</tr>
<tr>
<td><strong>Clinical/Practical exam</strong></td>
<td></td>
</tr>
<tr>
<td>Clinical</td>
<td>240</td>
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<tr>
<td>OSCE</td>
<td>30</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>300</strong></td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>600</strong></td>
</tr>
</tbody>
</table>

#### (b) Surgery including Orthopedics & Anesthesia

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
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</thead>
<tbody>
<tr>
<td>Theory</td>
<td></td>
</tr>
<tr>
<td>Paper I</td>
<td>135</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>Paper II</td>
<td>135</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>300</strong></td>
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<tr>
<td><strong>Clinical/Practical exam</strong></td>
<td></td>
</tr>
<tr>
<td>Clinical</td>
<td>240</td>
</tr>
<tr>
<td>OSCE</td>
<td>30</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>30</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>300</strong></td>
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<tr>
<td><strong>Grand Total</strong></td>
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#### (c) Obstetrics and Gynaecology

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
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<tbody>
<tr>
<td>Theory</td>
<td></td>
</tr>
<tr>
<td>Paper I</td>
<td>90</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>10</td>
</tr>
<tr>
<td>Paper II</td>
<td>90</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>10</td>
</tr>
<tr>
<td>Oral &amp; Practical</td>
<td>180</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>400</strong></td>
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#### (d) Pediatrics

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
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<tbody>
<tr>
<td>Theory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>90</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>10</td>
</tr>
<tr>
<td>Oral &amp; Practical</td>
<td>90</td>
</tr>
<tr>
<td>Internal Evaluation</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
</tr>
</tbody>
</table>
Total Quality Assurance (TQA) is a process driven approach with specific steps to help define and achieve goals. This process considers design, development, production and services. The goal is to ensure that excellence is achieved in every component of the process. Quality assurance also helps determine whether the steps used to provide the services by UMDC are suitable. University Medical & Dental College is always geared up to maintain and ensure high quality education in MBBS & BDS programs.

Quality Enhancement Cell was established in UMDC in February 2012. Ever since its emergence, all departments of UMDC have set Standard Operating Procedures (SOPs) that are strictly followed and regularly audited. Program teams are in place. This helps greatly to maintain the standard and assure quality in the functioning of departments. The QEC assures that the quality of these departments is further enhanced by providing support and guidance using the Internationally accepted QA tools in addition to guidelines by PMDC & HEC.

- Dr Syed Hussain Mustafa Gillani
  Director
- Prof Dr Saif ud Din
  Additional Director
- Prof Dr Mian Farrukh Imran
  Additional Director
- Prof Dr Akram Malik
  Deputy Director
- Prof Dr Zahid Masood
  Deputy Director
- Prof Dr Tanzeela Khalid
  Deputy Director
- Prof Dr Zahid Siddique
  Deputy Director
Dental College

Introduction

The ‘Dental College’ of University Medical and Dental College started in 2008 has now established as an institute to groom dental students for graduate and postgraduate degrees. This is the first private sector female dental institute that offers programs of dental education to produce competent dental professionals to serve the country. We have an excellent faculty to teach and train dental students on scientific grounds, a dedicated staff and latest state of the art equipment and educational facilities to enhance technical capability of students. The college is serving to provide professionally skilled human resources at national and international level.

Here at the college, we have created an environment of professionalism built upon standards of ethics and quality. The students are engaged for sustained learning and continuing professional development. The dental students are exposed at an early stage to clinical dentistry through our school health programs which takes students to rural & urban localities of the city & adjoining areas to examine and educate children, and the public at large regarding their oral health care. In order to equip students with real time experience they work on the dental simulation systems in state of the art laboratories.

The postgraduate programs are prepared to promote inter-disciplinary approach of dental education and practice of dentistry that enhance team-work and develop leadership skills in dental graduates. These programs increase opportunities of integration of science in clinical practice.

The college has been upgraded and facilitated to provide scientific environment for
1) Undergraduate Dental Education
2) Postgraduate Dental Education, Training & Research opportunities
3) Dental Auxiliary programs

The ‘dental clinics’ at Madinah Teaching hospital has latest oral health care facilities for patients. Highly qualified faculties cater the needs of dental patients at par excellence and provide safe clinical practice. We have first ever fully digitalized dental hospital, with latest digital radiography equipment and computer generated imaging systems, in the country.
Prosthodontics is the Science & Art of replacing teeth and its associated structure by means of removable and fixed Prosthesis.

It covers clinical and laboratory techniques. This subject is taught from third year and in final year BDS. The syllabus includes history taking and examination for partial dentures, complete dentures, impression making techniques, jaw relation recording, concepts of articulators and occlusion, mounting and insertion along with post insertion complaints.

The new treatment modality of dental implants, have been included to keep pace with modern dentistry.
Oral and Maxillofacial Surgery is the specialty of dentistry which includes the diagnosis, surgical and adjunctive treatment of oral diseases, injuries and defects involving both the functional and esthetic aspects of the hard and soft tissue of the oral and maxillofacial regions. Our core curriculum includes anesthesia, diagnosis, patient assessment, dento-alveolar surgery, temporomandibular surgery, orthographic surgery, trauma, reconstructive surgery, oral pathology and Tumors of the Head & Neck area. Oral and Maxillofacial Surgery is introduced in third year of BDS with the basic Principles of Oral Surgery, Sterilization, Disinfection, Local Anesthesia & Extraction of Teeth.

It is a major subject in the Final year, which is taught and examined according to the prescribed PMDC Syllabus. At a time other discipline of medicine, like neurosurgery, plastic surgery and ENT are incorporated for different patients working as a team to provide the best possible treatment.

We hope that department of Oral and Maxillofacial Surgery will become a centre of excellence for the patients of the Punjab.
Operative Dentistry is recognized as the Foundation of dentistry and the base from which most other aspects of dentistry are evolved. It is the art and science of diagnosis, treatment and prognosis of the defects of teeth which require restoration. These restorations, restores the tooth's form, function and esthetics along with maintaining the physiological integrity of the teeth. The specialty of Operative dentistry is concerned with the treatment of carious, discolored and broken down teeth. Each undergraduate dental student learns to microbiological causes and treatment of caries, discolored tooth and malformed teeth along with fracture of tooth and emergency care. The students learn the basic information through lectures, Seminars and then apply this knowledge in preclinical Simulation labs and clinics, where they treat typical dental condition on patients.

The dynamic Specialty of Operative dentistry is made up of several Sub Specialties. It includes;
1. Conservative dentistry
2. Endodontic
3. Paedodontics
4. Cosmetic dentistry
5. Crown & Bridge
Orthodontics deals with Malocclusion, which is a technical term for crooked, crowded or protruding teeth which do not fit together properly.

Most malocclusions are inherited. These include overcrowding of teeth, too much space between teeth, extra or missing teeth, cleft palate and a variety of irregularities of the jaws and face. Some malocclusions are acquired. They can be caused by thumbsucking, tongue thrusting, dental disease, premature loss of primary or permanent teeth, accidents or some medical problems. Crooked and crowded teeth are hard to clean and maintain. This may contribute to conditions that may cause tooth decay, eventual gum disease and tooth loss. A bad bite can also cause abnormal wear of tooth surfaces, difficulty in chewing and excess stress of the supporting bone and gum tissue.

Beautiful smile is just one of the benefits orthodontist has to offer. Bringing lips and jaws into proper alignment not only produces a great smile, but a healthy one as well. Straight teeth simply function better and are easier to clean. And last but far from least is the increased confidence and self-esteem that a healthy smile provides.
Periodontology is the study about “Periodontium”, which includes all the supporting apparatus of the tooth, such as:

- Gingiva
- Cementum
- Periodontal ligament
- Alveolar bone

It deals with the biology of periodontium in health and in disease. This branch of dentistry covers both the non-surgical, surgical as well as medicinal approach in managing the diseases of periodontal tissues & its associated structures. The subject is taught to 3rd year BDS class Learning of this subject shall prepare the students for clinical management of periodontal patients in general dental practice.
Oral medicine is also an important subject of dentistry, which deals with the diagnosis, investigations, management and treatment of the various non-surgical oral conditions. It also educates us to understand the oral manifestations of different systemic conditions which have a very important role in patient management.

This subject is included in 3rd Professional BDS course.
Oral Pathology & Oral Microbiology deals with the diagnosis of "Oral Diseases". It is the confluence of basic sciences such as, knowledge of gross "Oral Microscopic Anatomy, Biochemistry, Oral Microbiology and Physiology incorporating Clinical Dentistry. Information regarding clinical dentistry is obtained through clinical history, diagnostic tools such as Radiographic / Analysis & Laboratory findings. The definite diagnosis of Oral diseases is established by means of Histological Analysis.

Undergraduate students will be provided sufficient knowledge about all aspects of oral diseases, so that they are able to identify and treat the diseases, at UMDC.

This subject is included in 3rd Professional BDS course.
Department of Science of Dental Materials

- Dr Tahmeenah Ateeq  Senior Lecturer
- Dr Amna Afzal   Lecturer
- Dr Kiran Firdous   Lecturer
- Dr Asma Riaz   Lecturer

Sciences of dental materials encompass the development, characterization, use and evaluation of the materials used to repair or replace teeth. It represents a nexus between the basic and clinical sciences.

This discipline to dentistry is an interdisciplinary area that applies Biology, Chemistry, Physics and Metallurgy to the development, understanding, and evaluation of materials used in the practice of dentistry; principally involved in restorative dentistry, Prosthodontics, pedodontics, and orthodontics.

This subject is taught in 1st year and it forms the pillar of basic clinical dental practice & the undergraduate students at UMDC will be taught the material handling and their applications with the passage of time at different levels of their educational career in dentistry.
Community Dentistry is a multifaceted discipline defined as "The science and art of preventing and controlling oral dental diseases, promoting oral health and improving the quality of life through organized community efforts".

In addition to disease prevention, oral health promotion, and dental health education, the activities undertaken in the field of community dentistry include administration of dental care programs, planning and evaluation of dental care services, and basic/applied dental research.

The various sub-disciplines involved in this specialty are epidemiology and biostatistics; political, social, and behavioral sciences; biological and physical sciences; health economics, health education, and health administration. The main domains of activity of the Department of Community Dentistry are Oral Health Promotion and Dental Research. The subject is taught to 2nd year students.

Department of Community Dentistry

- Dr Hina Barkat, Senior Lecturer
- Dr Asseha Sadiq, Lecturer
- Dr Syeda Mariam, Lecturer
- Dr Iram Irshad, Lecturer

Asst Prof Dr Jamal Hussain
(Head of Department)
The subject of Oral Biology & Tooth Morphology deals with the detailed basic knowledge of early development, histology & morphological aspects of all the oral tissues. Saliva, which forms the nutritional medium of oral cavity, is responsible for maintaining the integrity of normal oral health as it forms the basic pillar of dentistry is taught in depth in this subject.

The various stages of early tooth development, facial bones, the temporomandibular joint, tongue & all related soft & hard tissues are included in this subject. This subject makes as dental undergraduate student competent enough to differentiate between a deciduous and a permanent tooth, so they can apply this subject knowledge at their clinical practice.
Post Graduate Programs

University Dental College under the umbrella of The University of Faisalabad is introducing following Post Graduate training Programs:

a) Fellowship (FCPS) Training Programs in the Clinical Dental Sciences.
b) Post Graduate Programs (MPhil and PhD) in Basic Dental Sciences

Dental Auxiliary program

At present there are very limited teaching and training facilities available for dental auxiliary sciences; University Dental College, Faisalabad, in addition to under- and post-graduate training programs will also have Dental Auxiliary programs in order to cater the ever increasing demand of dental auxiliaries in Pakistan.

This Dental Auxiliary programs shall offer Diploma, Graduate and Postgraduate courses in Dental Auxiliary Sciences. The admission to Dental Auxiliary programs will be announced very soon.

Continuing Professional Development (CPD) Program

UMDC Dental section has planned to launch a CPD Program for General Dental practitioners in order to update their knowledge and enhance their professional skills for better patient care.
# Curriculum for Bachelor of Dental Surgery (BDS)

The curriculum is in line with the curriculum laid down by PM&DC, HEC & University of Health Sciences.

## First Professional
1. General Anatomy, Neuro-Anatomy, Histology & Embryology
2. General Physiology
3. Biochemistry
4. Oral Biology & Tooth Morphology

## Second Professional
1. General & Dental Pharmacology & Therapeutics
2. General Pathology & Bacteriology
3. Sciences of Dental Materials & Laboratory Techniques
4. Community Dentistry

## Third Professional
1. General Medicine
2. General Surgery
3. Oral Pathology, Histopathology, Microbiology & Oral Diagnosis
4. Oral Medicine
5. Periodontology

## Final Professional
1. Oral & Maxillofacial Surgery, Anesthesia & Exodontia
2. Orthodontics & Oral Radiology
3. Operative Dentistry, Including Paedodontics & Endodontics
4. Prosthodontics
# Scheme of Studies BDS

## Year and Subject wise Distribution of Marks

### First Professional BDS

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Theory</th>
<th>Practical</th>
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<tbody>
<tr>
<td>General Anatomy</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>General Physiology</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Oral Biology and Tooth Morphology</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Islamiyat / Pak Studies</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>450</strong></td>
<td><strong>350 = 800</strong></td>
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### Second Professional BDS

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<thead>
<tr>
<th>Subjects</th>
<th>Theory</th>
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<tbody>
<tr>
<td>General Pathology &amp; Bacteriology</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Behavioral Sciences</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Science of Dental Materials</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Community and Preventive Dentistry</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>500</strong></td>
<td><strong>500 = 1000</strong></td>
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### Third Professional BDS

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</thead>
<tbody>
<tr>
<td>General Surgery</td>
<td>100</td>
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</tr>
<tr>
<td>General Medicine</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Oral Pathology</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Periodontology / Oral Medicine</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Oral Medicine</td>
<td>50</td>
<td>50</td>
</tr>
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<td><strong>Total</strong></td>
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<td><strong>450 = 900</strong></td>
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### Final Professional BDS

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<tbody>
<tr>
<td>Prosthodontics</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Operative Dentistry</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Oral and Maxillofacial Surgery</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Orthodontia</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>400</strong></td>
<td><strong>400 = 800</strong></td>
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### The University of Faisalabad

**SIXTH CONVOCATION**

27 December, 2018
Eleven batches of University Medical & Dental College (UMDC) have passed out. All are well placed and sizeable number of graduates are taking PLAB for UK, USMLE for USA and AMC for Australia. Furthermore number of graduates have passed FCPS Part-I and Part-II in various disciplines and are serving in different parts of the country.

Our graduates have served in well reputed hospitals like Aga Khan University Hospital Karachi and Shaukat Khanum Memorial Cancer Hospital Lahore.

FEATHERS IN THE CAP OF UMDC

- Dr Sundus Tariq and Dr Saba Tariq from first batch after doing postgraduate degrees are serving as Associate Professor Physiology and Pharmacology at UMDC.
- Dr Qurrat ul Aain, our graduate of 2013, did Master of Public Health (MPH) from Bradford University UK and currently she is doing PhD from University of Hertfordshire, London UK.
- Dr Samreena Salim now in USA has passed all steps of USMLE and doing residency in USA.
- Ms Natasha Qutab secured 1st position in final professional MBBS 2010 in University of Health Sciences Lahore.
- Ms Samreena Salim secured 3rd position in final professional MBBS 2009 in University of Health Sciences Lahore.
- In recent past six students of 4th year MBBS took part in All Pakistan Intercollegiate Undergraduate Research Competition and presented their research work in a professional way, which was highly appreciated by the audience. This clearly reflects a conducive environment for research in UMDC with all kind of facilities provided to the students.
- Ms Muqaddas Shafiq then student of MBBS final year and now a Doctor won 3rd Prize in “All Pakistan Art & Photography Competition” organized by King Edward Medical University (KEMU) Lahore on June 4, 2012. She is currently doing GP training in UK.
- In a short span performance of UMDC students remained phenomenal and over 250 students have secured distinctions in different subjects of MBBS program.
- Faculty Member of the UMDC have over 400 original research papers published in PMDC & HEC recognized Journals. Moreover, there are many International publications in impact factor journals.
- UMDC has the honour to publish its own research Journal by the name of JUMDC duly recognized by HEC and PMDC and is placed in category “Y”.
- Every year our students interested in elective studies in eminent university hospitals of USA, visit during fourth and final year MBBS. This in fact is recognition of high quality of education imparted at UMDC.
- Hana Shabir, Ayesha Zahra, Fatima Shahzad & Nosheen Batool Batch of 2013, are doing FCPS training in Gynecology
- Batch of 2013 Irum Asrar completed her M Phil in histopathology.
- Batch of 2011 Hira Mumtaz is doing training in Midland Regional Hospital Mullingar in Medicine sponsored by CPSP
- Sonia Zahid Batch of 2011 is doing residency in a teaching hospital of USA.
- Kanwal Anwar & Maryam Zia Batch of 2014 both have completed their residency training in USA in Internal Medicine.
- Anum Saleem & Samreen Saleem have passed FCPS in Hematology & Histopathology from Sheikh Zayyed Hospital and Aga Khan Hospital respectively.
- Rida Shahid, student of UMDC secured 2nd position in BDS Final Professional, UHS Examination 2016.
- Students of UMDC Namal Ilyas secured 3rd position (536 marks) in MBBS 2nd Professional, UHS Examination 2017.
- Dr Sundus Tariq, our proud alumnus, member of American Physiological society and Associate Professor of Physiology has various publications on her credit including 21 original articles, a book chapter and 10 published abstracts with a total impact factor score of 39.
- Dr Saba Tariq (MBBS, M Phil) has various international and national scientific publications on her credit including 24 original articles, a book chapter and 10 published abstracts with a total impact factor score of 46. She was awarded Gold Medal in her MPhil Pharmacology and Therapeutics from Shaikh Zayed Hospital Lahore. She is also a member of American College of Clinical Pharmacology.
Admission Procedure

Applications for Admission
University Medical & Dental College follows new admission policy notified by Pakistan Medical Commission (PMC), PMDC: MBBS & BDS (Admissions, House Job and Internship) Regulations, 2018 (as amended on 30th May, 2019)

Eligibility Criteria for MBBS and BDS as per requirement of PMC and UHS

1. Categories of Seats:
i. The University of Health Sciences (UHS), Lahore, shall make admissions in private sector medical/dental institutions of Punjab against the following categories of seats:
   a. Local Open Merit
   b. Foreign/Overseas
ii. For information regarding eligibility criteria, number of seats, documentary requirements and other rules and regulations, please carefully go through the detail available on UHS Website (www.uhs.edu.pk). There shall be separate applications for MBBS and BDS which shall be treated as separate categories.

2. Eligibility Criteria:
(A) For Local Open Merit Seat:
In accordance with “MBBS and BDS (Admissions, House Job and internship) Regulation, 2018 as amended on 30th May, 2019” of Pakistan Medical Commission, the basic eligibility criteria for admission are as follows:

i. The applicant has passed, obtaining minimum Seventy percent (770/1100) marks, in Higher Secondary School Certificate (HSSC) or FSc (Pre Medical) or equivalent examination having minimum twelve year education;
   OR
The applicant has passed obtaining minimum Seventy percent marks in aggregate, in an examination of a course from a foreign university or examining body or foreign education system with at-least three science subjects, that is, Biology, Chemistry and either Physics or Mathematics, and such course must have been duly certified by the Inter-Board Committee of Chairmen (IBCC) as equivalent to Higher Secondary school Certificate (HSSC) or F.Sc. or Intermediate level of Pakistan.

ii. The applicant has passed the Admission Test (MDCAT) of any province/region for current year with minimum 60 percent (120/200) marks OR having minimum scours of 550/800 in each of three subjects, i.e. Biology, Chemistry and Physics/Mathematics OR having minimum score of 500/528 in MCAT*. (SAT II/MCAT* scores notified prior to 7th October, 2017 and after 7th October, 2019 shall not be acceptable.

(B) For Foreign/Overseas Seats:
i. The applicant holds a permanent foreign nationality or is an Overseas (being a Pakistani citizen permanently residing in a foreign country) Pakistani student, and is resident of a foreign country at the time of applying for admission having completed his /her last two years of education from abroad. The applicant must possess a certificate from the institution last attended to this effect.

ii. The applicant has studied and passed obtaining minimum Seventy present marks in aggregate, in an examination of a course from a foreign university or its examining body or its education system in at-least three subjects, i.e. Biology, Chemistry and Physics/Mathematics, and such course must have been duly certified by IBCC as equivalent to HSSC/F.Sc./Intermediate level of Pakistan.

iii. The applicant has passed Admission Test (MDCAT) of any province/region for current year with minimum 60 percent (120/200) marks OR having minimum scours of 550/800 in each of three subjects, i.e. Biology, Chemistry and Physics/Mathematics OR having minimum score of 500/528 in MCAT*. (SAT II/MCAT* scores notified prior to 7th October, 2017 and after 7th October, 2019 shall not be acceptable.

3. Aggregate Percentage Calculation Formula:
i. In accordance with “MBBS and BDS (Admission, House Job and Internship) Regulations, 2018, as amended on 30th May, 2019”, the merit for the purpose of admissions shall be calculated as an Aggregate Percentage of marks derived from the weightage formula of Pakistan Medical Commission (PMC) by adding the marks in the following ratio:
   FSc, Pre-Medical/HSSC/Equivalent - 50%
   Admission Test - 50%

Note: Aggregate Percentage can be calculated by adding the percentages of HSSC/FSc Pre-Medical/Equivalent marks and Admission Test marks and then dividing the sum by two.
Required Documents
Eligible candidates for admission must submit attested copies of the following documents along with the application forms:

- Matric/Senior Cambridge or equivalent certificate: Six copies
- FSc (pre-medical) or equivalent certificate: Six copies
- Detailed mark sheet FSc (Pre Medical): Six copies
- In case of Foreign qualified candidates, an equivalence certificate from Inter-Board Committee of Chairman, Islamabad.
- MDCAT result sheet: Two copies
- Recent passport size color photographs : Twelve

Fee Structure/Rules
- Student must pay dues within the notified period.
- Students defaulting themselves due to non payment within the due dates may be suspended and/or barred from the classes and examination until the clearance of dues in accordance with the policies and procedures of the college. Fee will be deposited in advance in the form of post dated cheques. Fee will be deposited in advance in the form of post dated cheques. Late fee/Cheque return fine (as the case may be) shall be paid by students.

Cancellation of Admission
Admission of the candidate will be cancelled at any stage of MBBS/BDS course if
1. It is found that the candidate was not entitled for admission according to admission policy of PMC and UHS
2. The candidate failed to deposit the prescribed fee by due date
3. Candidate is found medically unfit to study the MBBS/BDS course
4. Any document/information provided by candidate is found false/fake or fabricated.

Rules and Regulations

a) Disciplinary Rules

Punctuality
Students are required to be seated in the specified lecture room five minutes before the start of the lecture. Students are expected to be quiet and well behaved.

Uniform
Students must wear the following uniform while attending class rooms, laboratories, dissection hall, library and clinical session in the hospital etc:

Summer Uniform
- White shalwar kameez (swan white with band collar and full sleeves)
- Maroon scarf/Dopatta
- Shoes (Black with small heals)
- Socks (Black)
- Knee long white overall

Winter Uniform
In addition to the summer uniform, students will wear maroon blazer (single breasted), alternately maroon woolen V-necked sweater.

Mobile Phones
Mobile Phones are not allowed in Academic Block.

Identity Cards
It is compulsory for students to display their College Identity Cards while in campus.

Smoking
The College is a ‘No Smoking’ area. Students are strictly forbidden to smoke in the College, inside the College premises, hostel, cafeteria or on the roads inside the College.

Notice Boards
Students are expected to read the notices/ instructions displayed on the Notice Boards.

Class Room
Students are expected to extend highest level of courtesy and respect towards their teachers. No student is allowed to leave the room during the lecture, lab session and clinical training session without permission of her teacher or until the class is dismissed.

Politics
- Students are strictly forbidden to involve themselves in any political or sectarian activity whatsoever while in the College. This includes any sort of grouping among students for ulterior motives.
- No student should address any conference including press conference, nor write to the press on a political or related subject or on matter concerned directly with the administration of the college or any government or educational institution, college in Pakistan or aboard.
- No poster or banner shall be displayed without the approval of Principal/Administration.
• No gathering or meeting of students will be allowed in the premises of college and hostels.
• Any student want to make a representation on any subject has the right to direct access to the Principal/Dean at any time during college hours by previous appointment, if not satisfied by her interview with the Chief Proctor or the Vice Principal.

Forbidden Acts
Unauthorized drugs and solvents, explosives, firearms and inflammable liquids, possession or use of fire arms, weapons etc betting, lending or gambling, unauthorized possession of any key of the College, going to the roof top for any purpose and visiting Administration block in groups are strictly forbidden and therefore will lead to serious disciplinary action including rustication/expulsion from the College.

Interaction with Faculty
• Students are not expected to socialize with faculty and administration staff more than what is necessary for academic pursuit.
• Students are forbidden to visit the faculty in their houses or in the faculty mess either individually or in groups.
• Students’ interaction with faculty should pertain to studies or any difficulties faced in studies. This interaction should be during the College timings.
• If an entire class wishes to invite faculty to a students’ event. At least three teachers should be invited. Written permission from the management of the College is necessary to invite the teachers.

Disciplinary Requirements
• All members of the College and other persons authorized for the purpose have authority, and to check disorderly or improper conduct or any breach of regulation by students of the College in College buildings, including premises occupied by the students, or College grounds.
• Any member of the academic staff may, if s/he deems it necessary, require any student who is guilty of disorderly or improper conduct in a lecture room, library or laboratory to withdraw from the room, and may bring the offence to the notice of the Principal, Dean, Disciplinary Committee, and Administration of the College.
• Fines or other penalties may be imposed by the Disciplinary Committee, or by any other authorized person on any student of the College for any breach of Regulations, or for any act of behavior detrimental to the good order of the College.
• A student of the College may be required to bear the cost of making good any damage to College property for which she may be responsible, which may be in addition to a fine or other penalty which she may have incurred in connection therewith.

Time Table
The programme of lectures, practical classes and hospital training will be notified by the Principal before the commencement of the academic session and during the session if a change is required.

Vacations
Students will avail vacations in accordance with the schedule decided by the College Academic Council. Hospital teaching continues during summer vacations. Students performing hospital duty will be divided in batches. Timetables for various batches will be prepared by the Timetable Committee. If needed, classes may also be continued during the summer vacation.

Classes
Teaching, training, syllabus, courses, send up examinations etc, are carried out according to the rules and regulations of the College.

Cleanliness
Every part of the College building and hostel premises shall be kept clean e.g. walls, fixtures, models, specimens, charts, etc should not be tempered, defaced, mutilated or damaged in any way or form. It is the duty of each student to maintain highest degree of cleanliness of College premises and the hostels including toilets and kitchens.

b) Attendance Rules
• Every student shall be required to attend at least 85% of the lectures, seminars, tutorials, practicals, and clinical classes of each subject of each class failing which she will not be allowed to appear in final examination of the concerned class.
• The margin of 15% of absence in theory, lectures, practical classes, demonstrations and in hospital practice is intended to cover absence only on account of sickness or special emergency considered justifiable by the Principal/Dean. A written application should be sent to the Principal/Dean by the student or her parent or her guardian, reporting her illness or cause of absence.
• Every student is required to attend punctually at the hours notified for lectures, demonstrations, seminars, tutorial classes, practical and hospital wards. Students absenting themselves from College or hospital work shall be liable to a fine imposed by the head of department or Principal/Dean.
• Students have to be present in time at any specified activity of the institution.
c) Library Rules
• Students desirous of using the Library must get themselves registered by applying for Library membership on a prescribed form. A registered student will be issued a library card.
• Presentation of a Library membership card is obligatory for students for any check in/out at the circulation desk.
• Books borrowed must be returned within stipulated time after issuance date. On overdue books a fine will be charged.
• Issuance of books may be renewed (maximum twice).
• Overdue books will not be renewed.
• Reference material, CDROMs, periodicals, newspapers, theses, syllabi and other circulating items will not be issued.
• Library material borrowed by any member is subject to recall if needed by the library.

Library membership could be suspended or cancelled along with a penalty in the following cases:
• Non payment of Library fine
• Theft of Library material
• Non returning of temporarily issued material within due time
• Any kind of disturbance in Library
• Misconduct with the Library staff
• Breaching of established Library rules and norms.

d) Hostel Rules
• Allotment for accommodation in the hostel is considered only after the Allotment Committee has scrutinized the application and satisfied itself of the merit and eligibility of the student and that her stay in the hostel shall in no way be prejudicial to the interest of other residents in hostel and the institution.
• The hostel accommodation will be given to students domiciled in places other than Faisalabad only.
• Students are not allowed to reside in private hostels in Faisalabad.
• **Allotment of Hostel Accommodation:** Student's applications for allotment of accommodation in the hostel are undertaken from parents/guardians on the prescribed form attested and verified by the Judicial Magistrate of the area, Copies of National Identity Cards and undertaking on the prescribed form certifying good conduct of the applicant have to be attached with application form. In case of foreign students, the recommendation and undertaking on the prescribed proforma for the admission, guarantee for payment of hostel dues and of good behavior will be obtained from respective embassies or consulates.
• **Use of Electrical Appliances:** Students are allowed to use their personal electrical appliances i.e. microwave oven and refrigerator with the permission of the hostel warden. They have to pay additional cost for all such items as decided by the management.
• **Leave from Hostel/Meeting Guests:** Leave application must be submitted to the hostel warden. Girls cannot go outside the hostel/campus for shopping, visiting their relatives or for recreation on their own. While going home students are required to get permission from the warden as per procedure. Departure and arrival in the hostel is only allowed before sunset. Girls are not allowed to receive any visitor except those nominated by their parents/guardians. Students must inform their intending guests about the visiting hours in the hostel. Following visiting hours shall be strictly observed:
  - **Summer:** Sunday 8:00 am to sunset
  - **Winter:** Sunday 8:00 am to sunset
• Visitors on other days of the week are not allowed.
• Un-concerned persons are not allowed to enter the hostel premises.
• Students not complying with the rules and regulations will be expelled from the hostel.

e) General Rules
• Students must stay quiet in College premises. They are forbidden to sing, whistle, hoot, create noise in any form or indulge in any unseemly behavior or activity in the College at any time.
• No student is allowed to loiter in and around College premises or while-away her time in college cafeteria or market place.
• Students are not allowed to indulge in abusive language or fight.
• Students have to be present in time at any specified activity of the college.
• It is compulsory for all the students to join at least one co-curricular activity.

f) Disciplinary Suspension or Dismissal
• An complaint will be investigated by senior members of the staff. If it is of serious nature it will be forwarded to the Disciplinary Committee for further investigation and the recommendation will be forwarded to the Principal for further necessary action.
• In dealing with any breach of discipline infringement of the rules and regulations mentioned above, the competent authority may decide to order appropriate penalty including apology (verbal or written), fine, temporary suspension from the College, removal from the College and/or rustication after due concurrence of Disciplinary Committee.
• The competent authority may expel a student from College or hostel at any time if not satisfied with her health, conduct or character.
This prospectus provides information about academic programs in UMDC and should not be taken as binding on the information contained in it, including educational admission procedure or criteria to the examination, regulation or discipline as periodically reviewed by the competent authorities. The UMDC reserves the right without notice to make changes in rules and regulations, courses and financial policy applicable to students whenever it is deemed appropriate or necessary.