

BAHRIA UNIVERSITY



Committed to Excellence in
Higher Education

Medical & Dental College Karachi



PROSPECTUS

2014-15

BUMDC





Admiral
Mohammad Asif Sandila NI(M)
Chief of the Naval Staff
Chairman Board of Governors & Pro-Chancellor
Bahria University

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Rector's Message



Vice Admiral
Shahid Iqbal HI(M) (Retired)

Welcome to Bahria University

Selecting a career path and where to launch it from, are two crucial decisions that you have to make at this stage of your life. At Bahria University, it is our endeavours to help you make these decisions, with conviction and correctness.

Bahria is a multi-discipline, state-of-the-art university which has made remarkable progress in all fields over a period of time. Our graduates have competed with the best and have shown their mettle in all fields, both in Pakistan and abroad. It is my vision to take Bahria University even further along the path of progress and make it the best educational institute in the country. Our faculty leaves no stone unturned to give you the best in education, leadership and discipline, at the same time fostering an interactive learning environment that will Channel your minds towards creativity and originality.

At Bahria University we groom our students not only to become leaders in their respective fields but also responsible citizens of our great country. You may enter Bahria University with different temperaments, attitudes and backgrounds but on graduation you will walk out as well groomed individuals who exude knowledge and confidence.

I hope that the years spent at Bahria University will be most productive period of your lives and pray that you succeed in your future endeavours.

Message From the Principal



Prof. Dr. Brig. (Retd.) Shaheen Moin
MBBS, FCPS, FRCP (Edin)
Dean of Health Sciences and Principal
BUMDC Karachi

The Bahria University Medical and Dental College will soon be admitting the seventh batch of MBBS students in 2014, Insha Allah.

This college is marching at a great pace in the right direction. It is already housed in its beautiful, custom built college building which has laboratories, lecture halls, tutorials and museums. The library has been recently upgraded to a greatly increased lending section, reference section and a virtual library section. The library is kept open until 8 pm on working days and is well occupied until then. The virtual library is functional and will soon be enhanced. Access to many educational websites is already available. Our department of Medical Education is providing an effective system of educational development both to the Faculty and the students. Both the Associate Deans are qualifying as Medical Educationists. New methods of learning and teaching have been introduced by our very experienced Clinical Professors. The Basic Science Departments will soon start research when the Multi-Disciplinary Laboratory becomes functional. The Community Medicine Department is already providing opportunities for students to carry out research projects in the community.

The teaching hospital is PNS Shifa. This is a tertiary care hospital which serves the Sindh catchment area for the Armed Forces, the veterans of the Armed forces, their families and deserving civilian patients. Currently PNS Shifa has a liaison with the Armed Forces Institute of Cardiology, CMH Rawalpindi and Military Hospital Rawalpindi for the provision of advanced medical care. In the near future PNS Shifa is likely to be upgraded to an advanced independent tertiary care facility. We will then be able to increase the number of postgraduate training posts in many specialties for our graduates.

Clinical teaching is very effective as students have access to all the clinical departments including operating theatres, emergency room, ICU and CCU. They are facilitated by senior consultants both civilian and uniformed, whom they shadow, and the postgraduate registrars who provide practical hands on training. Our very own graduates are now the young house officers seen briskly attending patients and pointing out disease manifestations to medical students. Evening clinics are mandatory for all the clinical years of study. These are well attended and the students write histories and learn patient care first hand. Surgical skills are learnt in the Skills Laboratory and observed by the students in the operating theatres.

I hope, by joining Bahria University Medical & Dental College you will find yourself in one of the forward thinking and upward bound medical colleges. You will be the alumni who will take it forward even higher.

With best wishes welcome to Bahria University Medical & Dental College, you surely have started the noble carrier and will achieve excellence through our educational efforts.

Message From the Principal Dental Section



PROF. DR. NASREEN AMANAT
BDS (Pb) MSc (London)
FDSRCS (Edin)
Principal, Dental Section, BUMDC

This year Bahria University shall be inducting the third batch of Students to the BDS programme. In the past two years Dental Section, Bahria University Medical and Dental College has emerged as a Prime Institute for imparting quality Dental Education. The BUM&DC Dental Section meets all the prescribed guidelines of PM&DC related to BDS Programme.

However with the rapid developments in Dental Technology, Dental Curriculum and its teaching strategies there is a continuous upgrading of infrastructure and equipment with induction of qualified faculty to meet the emerging challenges. Our resolve is to produce graduates who can compete with the best, both in Pakistan and abroad.

As students you shall be required to be diligent and disciplined with an objective to become caring, knowledgeable and competent Dental Surgeons and responsible citizens. Our faculty shall ensure provision of quality education, guidance and mentoring to assist you in your years at BUMDC Dental Section. I hope these years shall be the most productive and memorable years of your life.

BOARD OF GOVERNORS

The Board of Governors of Bahria University is the supreme governing body for all major policy matters, general supervision and control of the affairs of the University and its constituent units/ colleges. Chief of the Naval Staff is the Chairman Board of Governors as well as the Pro-Chancellor of the University.

Admiral Mohammad Asif Sandila NI(M)
Chief of the Naval Staff
Pro-Chancellor / Chairman Board of Governors
Bahria University

Secretary or his/her nominee,
Ministry of Science & Technology, Govt of Pakistan

Vice Admiral Shahid Iqbal HI(M) (Retired)
Rector Bahria University

Director General NCMPR

Vice Chief of Naval Staff / COS

Director General, Bahria University Karachi Campus

Commander Karachi

Commander North

Deputy Chief of Naval Staff (T&E)

Director Naval Educational Services

Deputy Chief of Naval Staff (P)

Educationist as approved by the
Chairman of the Board

DGMS (Navy)

Chairman HEC or his/her nominee

DGNI

Secretary or his/her nominee, Ministry of Finance,
Govt. of Pakistan

Pro-Rector / Director General, Bahria University
Islamabad Campus

Registrar, Bahria University/Secretary BOG

Board of Governors



The Board of Governors of Bahria University is the supreme governing body for all major policy matters concerning the University and its constituent units/colleges. Chief of the Naval Staff is the Chairman of the Board of Governors as well as the Pro-Chancellor of the University.

UNIVERSITY MANAGEMENT

S. No.	Designation	Name	Ext	Email Address
1	Rector	Vice Admiral Shahid Iqbal HI(M), (Retired) M Sc (War Studies)	377	rector@bahria.edu.pk
2	Pro-Rector / DG Islamabad Campus	Real Admiral Saleem Akhtar HI(M) MS (Mech. Engg) USA, M Sc Defence & Strategic Studies, M Sc Joint War Studies.	284	pro-rector@bahria.edu.pk
3	Director General Karachi Campus	Vice Admiral Khalid Amin HI(M) (Retired) M Sc Marine UK, M Sc (Defence & Strategic Studies)	*325	dg@bimcs.edu.pk
4	Advisor (R & D)	Rear Admiral Engr M. Mushtaq HI(M), SBT (Retired) M Engg Sc, Australia	467	advisor@bahria.edu.pk
5	Registrar	Rear Admiral Dr M Javed Khan HI(M) (Retired) MBBS, M Sc (Adv Med Adm)	223	registrar@bahria.edu.pk
6	Advisor Academic Affairs	Rear Admiral Mohammad Ehsan Saeed SI(M) (Retired) M Sc, (Defence & Strategic Studies)	255	daa@bahria.edu.pk
7	Director MIS	Cdre Sajid Ali Hashmi SI(M) (Retired) MS (Elect Engg), MBA (Finance), M Sc (Joint War Studies)	404	dmis@bahria.edu.pk
8	Director HRM	Cdre Syed Shahab Hamid Hashmi SI(M) (Retired)	246	hr@bahria.edu.pk
9	Director Finance	Cdre Habib Tariq SI(M) (Retired) Msc (Defence & Strategic Studies), MBA	219	df@bahria.edu.pk
10	Director Examination	Cdre Farrukh Mahfooz SI(M) (Retired) M Sc, (Defence & Strategic Studies)	203	dexams@bahria.edu.pk
11	Director Admissions	Cdre Naseem Anwar Khan SI(M), T Bt (Retired) MS (WS), LLM	405	director@bahria.edu.pk
12	Director (P&D)	Cdre Ghulam Hasan SI(M) (Retired) MS (WS)	258	ghasan246@gmail.com
13	Director Health Sciences	Surg Capt Dr G M Abbasi TI(M) (Retired) MBBS, M Sc (Advance Medical Administration), MBA (HRM)	209	dhs@bahria.edu.pk
14	Director Quality Assurance	Capt Iqtidar A. Khanzada PN (Retired) M Sc (Chemistry), M Sc (Engg) Metallurgy, Birmingham	345	dqa@bahria.edu.pk
15	Director ORIC/Research & Development	Dr. Faisal Aftab Ph D (Management), UK	322	drd@bahria.edu.pk
16	Director Student Affairs	Ms Sundal Hamad Mufti MPA (HRM)	307	smufti@bahria.edu.pk
17	Deputy Registrar	Cdr Frasad Ali PN (Retired) M Sc (Physics), MA (Education Administration)	264	dr@bahria.edu.pk
18	Deputy Director Examination-III	Surg Cdr Hamid Ullah Ariff (Retired) MBBS, MBA (Health Management), M Sc (Advance Medical Administration), MPH	390	ddhs@bahria.edu.pk
19	Deputy Director Examinations-I	Cdr Muhammad Pervez (Retired) MBA (Finance)	212	dd1@bahria.edu.pk
20	Deputy Director Examinations-II	Cdr Abdul Ghaffar (Retired) M.Phil, M Sc, MBA (HR)	244	
21	DD(Admin)/DD Sports	Cdr Bashir Ahmed (Retired) Bse, LLB, MBA.	342	dd2@bahria.edu.pk
22	Deputy Director Q A	Cdr Mudassir Muttaque (Retired)	256	ali4825@hotmail.com
23	Deputy Director (Coord)	Cdr Khaleeq Khan PN (Retired)	285	syedmisbahbukhari@yahoo.com
24	Deputy Director (P&D)	Engr Shahan Gulrais Bhuttar BE (Civil)	221	internationaloffice@bahria.edu.pk
25	DD(FCP)/DD(HR)	Mr Muhammad Awais Mehmood MBA (Marketing Management & International Business) UK	396	ada@bahria.edu.pk
26	Assistant Director Admissions	Lt Cdr Raja Saleem Akhtar PN (Retired) BE (Mechanical), SEMC (AE) UK, AMIE (PAK)	287	ar@bahria.edu.pk
27	Assistant Registrar	Lt Cdr M Iqbal Mirza PN (Retired) Msc. (Physics)	408	ddha@bahria.edu.pk
28	Assistant Director HR	Lt Cdr Ameerudin Zafar (Retired) EMBA, LLB, Bsc, Sharia Law	226	fm@bahria.edu.pk
29	Finance & Audit HR	Mr Shafqat Ullah Warraich CA (Inter), MBA (Finance)	333	rida.zahra@bahria.edu.pk
30	Manager WEB	Miss Rida Zahra Hashmi M Sc (Computer Science)	286	asrar@bahria.edu.pk
31	Deputy Manager (Accounts)	Mr Asrar Khan MBA, ICMA (Inter)	277	muhammadimran@bahria.edu.pk
32	System Administrator	Mr Muhammad Imran MCS	227	librarian@bahria.edu.pk
33	Chief Librarian	Mr Sher Afzal MLISc, MA (Political Science)	307	saffiamalik@bahria.edu.pk
34	AD(SA)	Ms Safia Malik MBA (HRM)		
35	Public Relations Officer	Ms Mehwish Kamran M Sc (Behavioural Sciences)	220	pr@bahria.edu.pk



Chairman BoGs/Pro-Chancellor Bahria University & Rector Bahria University

INTRODUCTION

Bahria University (BU) is a Federally Chartered Public Sector University, established on 7th February 2000. It is a multi-campus institution of higher education, which is committed to attain the highest standards in teaching, learning and research, compatible with global requirements of practicing different professions. The University is widely recognized for preparing professionals, future leaders and executives/managers through development of their physical, mental, moral and professional competence. The enrollment of students has crossed 11,000 in the three campuses located in Islamabad, Karachi and Lahore.

Islamabad

Bahria University's main campus is situated in the capital city of Pakistan Islamabad, in lush green scenic surroundings. Islamabad has an International Airport accessible by all major airlines of the world. From the Airport, Bahria University is about 40 minutes drive by taxi/cab, which is easily available (cost approximately Rs. 500 or US\$ 5).



The University is located in Sector E-8, Naval Complex, in the heart of Islamabad. The temperatures are extreme; in winters the temperature ranges from 0° C to 18° C (Dec-Feb). Summer temperatures are between 20° C to 44° C (May-Sep). Jul-Aug season brings lots of rain in Islamabad due to NW Monsoon. Cost of living with food is around Rs. 10,000 per month (US\$110) in hired hostels arranged by the students privately, close to the University. High standard hostel facility is also available for females only.

Karachi

Karachi has an International Airport serving all major airlines of the world. Bahria University campus is located at 13, National Stadium Road, about 15 minutes drive from the Airport by taxi, which is easily available (cost approx Rs. 500 or US\$5).



Karachi's temperatures are moderate throughout the year. July and August are rainy months in Karachi. Limited hostel facility is available for male students in Gulistan-e-Jauhar, near the Karachi Campus. Cost of living is approximately Rs. 12,000 to Rs. 14,000 per month (US\$150). Other students have to make accommodation arrangements on their own.

Lahore

Lahore the capital of Punjab has an international airport accessible by all major airlines of the world. Bahria University Lahore campus is located at Civic Centre Johar Town. From the Airport, University is about 30 minutes drive by taxi/cab (cost approximately Rs. 500 or US\$4.8).



OUR CAMPUSES

Lahore features a five season semi-arid climate. The weather of Lahore is extreme cold during the months of December and January (average temperature 5°C-18°C) and very hot in May and June (average temperature 35°C-48°C). From late June until August, the monsoon seasons starts with heavy rainfall throughout the Punjab province. Sufficient private hostels are available in the close vicinity of the Lahore



campus, where cost of living is approximately PKR.8,000 toPKR. 10,000 (US\$93) per month.



Bahria University Headquarters

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Director General
Cdre Syed Hasan Mustafa SI(M) (Retired)
Director



Bahria University Karachi Campus

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Director General

Captain Mohsin H Malik PN
Director

Institute of Professional Psychology

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Dr Zainab Fotowwat Zadeh
Director

Bahria University Lahore Campus

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Vice Admiral Asaf Humayun HI(M) (Retired)
Director General

Captain Tariq Masood (R) PN
Director
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Brig (R) Professor Dr Shaheen Moin
MBBS, MCPS (Medicine), FCPS (Medicine),
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Prof Dr Nasreen Amanat
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Surgery) Edinburgh
Principle Dental Section, BUMDC
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Cdr. Ghulam Hyder Soomro (R)
Dy Director (Admin & Coordination)

Surg Cdr. Dr. Akbar Waheed TI(M) (R)
MBBS, MCPS (Pathology)
DD (Admissions & Student Affairs)

LOCATION MAP OF BUMDC



AFFILIATED COLLEGES

Islamabad Medical & Dental College (IMDC)

Main Murree Road, Bhara Kahu, Islamabad.
Tel: 0092-51-2807201-3
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Email: fmcollege@yahoo.com
Website: www.imdc.edu.pk

Professor Dr Muhammad Naseem Ullah
Dean
MBBS, MRCP, FRCP(London), FCPS(Medicine)
FRCP (Edinburgh)

Professor Dr M. Saleem Khurram
Principal Dental Section IMDC
BDS, MCPS
Main Murree Road, Bhara Kahu
Islamabad.

Frontier Medical College (FMC)

PO Public School, Abbottabad.
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Website: www.fmc.edu.pk

Professor Emiratus Dr A J Khan SI
Principal
MBBS, DCH(Glasgow), MRCP (Glasgow),
FRCP (Edinburgh)

Brig. Prof. Dr Muzaffar Khan (Retired)
Principal Dental Section (FMC)

Yusra Medical & Dental College (YMDC)

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Brig (R) Professor Dr M Sultan Muzaffar SI(M)
Principal
MBBS, FCPS (Surgery)

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Website: www.rihs.edu.pk

Professor Dr Syed Aslam Shah
Principal
MBBS, FCPS (Surgery)Pak, FCPS (Bangladesh)
Honorary

Brig. (Retd.) Professor Dr Manzoor Ahmed
Principal College of Dentistry (RIHS)
BDS, MCPS, FCPS (Operative Dentistry) OJT
(London)
Tel: 0092-51-2241773, Ext. 895
Fax: 0092-51-2617388
Email: info@rihs.edu.pk
Website: www.rihs.edu.pk

College of Teachers Education (CTE)

Basali Complex, Basali More, Rawat, Rawalpindi.

Miss Saira Said
Director





Why Bahria?

A Progressive University,
encompassing all facets of
quality education supported by
most modern educational aids,
highly qualified and experienced
teaching faculty offering education
in market place academic disciplines



WHY BAHRIA?

Because Bahria has the following attributes:

- Federally chartered
- HEC recognized
- Engineering programs are accredited by PEC
- Medical programs are recognized by PM&DC
- Multi-campus
- Highly qualified regular faculty
- Custom built campuses
- State-of-the-art laboratories
- Well-stocked library
- Classroom and research based teaching
- Leadership Development Centre
- Career Office
- Internship opportunities
- Best student to faculty ratio
- Medical cover for students/staff/faculty
- Students Resource Centre
- Secure and disciplined environment
- Availability of scholarships on merit/need basis
- Two percent seats are reserved for disabled persons.

SALIENT FEATURES

Quality Assurance Directorate

The Directorate assesses and reviews the performance of Universities academic programs based on national and international quality parameters pertaining to teaching and



research. It facilitates the departments in preparation of Self Assessment Reports of academic programs as per guidelines given by the Higher Education Commission.

International Linkages

Bahria University has academic partnerships with several Universities across the globe focusing on different areas of collaboration including:

- a. Exchange of Faculty and students
- b. Exchange of research fellows
- c. Joint research projects
- d. Joint conferences and seminars
- e. Joint curriculum development
- f. Sharing / exchange of information & resources
- g. Staff development
- h. Invitation to events
- j. Students' visits

The partnership agreements are in shape of generalised MoUs, incorporating above areas of collaboration, providing a platform to engage in joint academic activities. Faculty, Staff and Students of Bahria University, interested in pursuing any academic activity with BU partner Universities, are encouraged to contact the International Office of Bahria University.

List of partner Universities is as below (Alphabetical order):

1. AIMST University, Malaysia
2. Al-Khwarizimi Intl. College, UAE (Undergraduate programs only)
3. Chabahar Maritime University, Iran (Maritime studies only)
4. Dalhousie University, Canada (Maritime studies only)
5. Damghan University, Iran
6. Dogus University, Turkey
7. Edith Cowan University, AUS (Articulation agreement for BBA)

8. Erzurum Technical University, Turkey
9. Fatih University, Turkey
10. Hakkari University, Turkey
11. International College Beijing, China (Management Sciences only)
12. Institute of Oriental Studies, Azerbaijan (Maritime studies only)
13. International University of Business, Agriculture & Technology, Bangladesh
14. King's College - Corbett Center, UK (Maritime studies only)
15. MIT, USA (Agreement for Open resource sharing)
16. Tongji University, China (School of Political Sciences & IR)
17. Trieste University, Italy (Research project on Environmental Sciences)
18. University of Bedfordshire, UK
19. University of Greenwich, UK
20. University of Idaho, USA (Maritime studies only)
21. University of Leicester, UK
22. University of Northampton, UK
23. University of Nottingham, UK
24. University of Sirtak, Turkey
25. University of Wollongong, AUS
26. Xuzhou Normal University, China
27. York St. John University, UK
28. Yasar University, Turkey

Leadership Development Centre

Leaders of today are faced with many challenges, including globalization, the revolution in information technology, a transformation to a knowledge economy and continuous change. Consequently, successful organizations are now characterized by professionals performing as leaders at all levels. The aim of the Leadership Development Centre (LDC) at Bahria University is to also develop programs satisfying current real-world needs. In order to groom the students for positions of high responsibility and management, highly distinguished personalities of the country are regularly invited to address and talk to them on very important national and international issues. Side by side CEO's and top management from the corporate sector visit and deliver talks pertaining to their businesses. This is done to introduce the commercial sector to the students and vice versa enabling each to offer/help find suitable job placements.

Counseling

Bahria University has taken the initiative to aid its students by introducing emotional counseling at University level. It recognizes the need for guiding its students not only in

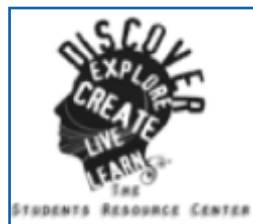


academics but through career placement as well as counseling. It aims at grooming confident individuals, who are emotionally stable and take pride in their achievements. We would like our students to excel in every sphere and emerge as productive citizens, ready to deliver their best, academically, spiritually and emotionally. It is a small step, but a step nevertheless towards a brighter future for each and every one of our students.

The popularity of emotional counseling lies in its confidentiality and accessibility. There is no discrimination based on gender or religion. Our counselors are highly qualified, trained individuals who have an immense sense of humanity. They are available on our campuses five days a week during both the morning and the evening sessions.

Students Resource Center (SRC)

SRC facilitates students and provides them the opportunity to develop their management, communication, team building, social, and leadership skills. In this globally competitive age, it is imperative to provide the students with opportunities to develop and hone the above mentioned skills. Details can be obtained from website www.srcbui.com



Following 5 clubs are currently working under SRC:

1. Arts and Dramatics
2. Literary and Debates
3. Media
4. Events
5. Music

Each club is managed by the SRC and headed

by a chief coordinator, under whom a deputy coordinator and team leaders are nominated according to the requirements. Team leaders report to the deputy coordinator. Under each team leader there are club members who provide assistance in accomplishing the assigned tasks.

ARTS & DRAMATICS

This club lets you release your artistic talents through a series of activities and competitions. These include painting competitions, drama competitions, mime, fashion shows, etc.



LITERARY & DEBATES

The club is dedicated to bring together debaters for: holding and participating in parliamentary, HEC, inter university, national and international debates competitions. The members of this club have made a name for themselves by participating in the Model United Nations' nationally, the English Speaking Union and holding regular in house debates.



MEDIA

Media club brings together young journalists, publishers, photographers, amateur directors and almost everyone interested in the print and electronic media. It also deals with media coverage inside the university covering events, functions, publishing of magazines, movie shows. This club arranges movie nights for the students.



EVENTS

The club hosts a variety of informational, entertaining and social activities throughout the semester including seminars, trips, concerts, spring festival, etc.



MUSIC

The main objective of the Music Club is to expose and nurture talent of the students representation of the university nationwide, providing a platform for musical experiments and exposure for the existing bands in the university. Music society holds regular jam sessions.



Bahria University Sports

The importance of sports in the life of students is invaluable and plays a pivotal role in their overall development. With this perspective in view, the University provides many opportunities and facilities to its students to participate in international, national and university level sports. In the academic year 2009-10 Bahria University won four inter-university competitions in hockey, table tennis, cricket and basketball.

Sports Achievements

Bahria University participated in various sports activities in the years 2011-13. Following are the sports achievements of Bahria University since 2011.

- Winner of zone C Inter University Basketball Championship 2011-12.
- Winner of zone C Inter University Hockey Championship 2011-12.
- Winner of zone C Inter University Hockey Championship 2012-13.

- Mr. Bilal Ahmed from BU Karachi Campus produced excellent results in Inter University Rifle shooting event. He won Gold Medal in National Games while representing HEC. He also represented HEC in World University Games 2013 in Russia.
- Ms. Sana Mehmood, a student of BU Islamabad Campus remained the captain of Pakistan's National Football team and a key player of HEC Basketball team.
- Mr. Uzair Ahmed student of BU Islamabad Campus was a key Basketball player of HEC team in National level events.

Faculty Development Program

The faculty has a major influence on the entire academic spectrum. The continuing development of the faculty and University's physical infrastructure are two concurrent activities, which go hand in hand in achieving long term objective of the institute, i.e. attainment of highest standards in teaching, learning and research at par with international standards. The University therefore encourages and supports its faculty to regularly attend workshops/conferences scheduled within the country and abroad. The University through collaborated efforts with HEC awards foreign scholarships in PhD and MS programs to faculty members. An amount of Rs. 8.79 million has been allocated for the year 2013-14 from university's own resources.





***Bahria University
Medical &
Dental College***



POSITION HOLDERS WITH PRESIDENT OF PAKISTAN ON FIRST CONVOCATION
AT BUMDC KARACHI

Bahria University Medical & Dental College Karachi

Mission

The mission of Bahria University Medical and Dental College is to impart quality education in field of health sciences at the under graduate and post graduate levels.

Objectives

- Providing state of the art educational programmes for health professionals at the under-graduate and post-graduate levels.
- Monitor and upgrade academic facilities and medical & dental curricula for degree programmes at par with the emerging trends and technologies in health sciences.
- Development of fully integrated medical & dental education system at par with international standards through modular / semester based learning for under-graduate, post-graduate and doctorate programmes.
- Develop collaborative relationship with other medical / health educational / dental institutions at local and international levels by sharing programmes, visiting faculty and exchange of students.
- Developing research facilities for students and faculty of the college.



The New campus itself is an aesthetically designed mammoth structure of Basement and Ground Plus 7 floors, covering approx 257,000 sq ft of covered area with a capacity to house 1000 students. The Medical College is housed in the first 5 floors, while the Dental Section in the 6th & 7th floors. The ground floor is designed as the administration floor, whereas the basement is designed as recreation area housing an International standard Cafeteria, Common rooms, Gymnasiums and Aerobic rooms. The building also has a large auditorium of 500 capacities.

Faculty Board of Studies Health Sciences

The Faculty Board of Studies Health Sciences implements the decisions of the Board, the Executive Committee and the Academic Council all matters relating to academic



standards, examinations and research. Faculty Board of Studies Health Sciences Meetings are chaired by the Dean Health Sciences Bahria University. The other members includes Principals of constituent and affiliated medical and Dental colleges of Bahira University (by designation),

Professors nominated by Bahria University, Director Academic Affairs Examinations, Director Health Sciences. The Board meetings are held six monthly and board can meet earlier as and when need arises.

Accreditation

The Bachelor of Medicine and Bachelor of Surgery (MBBS) and Bachelor of Dental Surgery (BDS) degree at BUM&DC are a five and four years Programs respectively, accredited by the Pakistan Medical and Dental Council (the Statutory, regulatory and registration authority for medical and dental education and practitioners in Pakistan).

- The BUMDC is also accredited with FAIMER for USMLE.
- Listed in AVICENNA Medical Director
- WHO Directory of World Medical Colleges



BUMDC EVOLUTION

Pakistan Navy established Bahria Colleges at Islamabad and Karachi in late eighties. These Colleges were aimed at providing uninterrupted education to the children of naval personnel on their transfer from one station to another up to intermediate level. Due to high quality education and disciplined environment, these colleges soon joined the ranks of top institutions and became the first choice of parents. This success encouraged Pakistan Navy to contribute further to the cause of promotion of education at the National level and to take a humble start as Bahria Institute of Management and Computer Sciences with evening classes at Bahria Colleges in 1995. Over the years, these institutes have grown in size and facilities, leading to the launch of Bahria University, Federally Chartered Public Sector University established through Presidential Ordinance V/2000 on 7th February 2000. In a short span of time, Bahria University is ranked among the top Universities of Pakistan, having nearly 10000 students at Campuses, Karachi, Lahore and Islamabad. Since then, Bahria University has always endeavored to introduce disciplines of national significance to its portfolio such as, Engineering, Law, Psychology, Earth and Environment Sciences and the last feather in the cap is Bahria University Medical and Dental College equipped with state of the art facilities.

BAHRIA UNIVERSITY MEDICAL AND DENTAL COLLEGE:

The Bahria University Medical and Dental College (BUMDC) was started in the second half of 2008 with the induction of experienced and highly qualified faculty members for different departments under the guidance of Rector, Vice Admiral Farooq Rashid HI(M). High quality teaching tools

were procured and all the laboratories were established. The academic journey started with the first batch of first year medical students in 2008. Admiral Noman Bashir NI(M) Chief of Naval Staff inaugurated BUMDC on 29th January 2009.

Under the guidance of Rector Vice Admiral (Retd) Mohammad Haroon HI (M) the college moved forward at the old campus on Stadium Road, the Bahria University Karachi Campus with full facilities to students. By the Grace of Allah Almighty and under the dynamic guidance and leadership of present Rector Vice Admiral (Retd) Shahid Iqbal HI(M), BUMDC moved forward with increased number of students and faculty to the new site. Admiral Mohammad Asif Sandila NI(M) Chief of Naval Staff inaugurated the new campus, a state of art, purpose built medical and dental college building with all facilities to the students and teachers, located adjacent to PNS-Shifa, on 29th January 2013. Throughout all these years the higher hierarchy was assisted by the vigilant vision of the pioneer Dean Health Sciences and Principal BUMDC Professor Dr. Syed Tipu Sultan during his specified tenure. Now this task has been handed over to Brigadier (Retd) Prof. Dr. Shaheen Moin. She is pursuing all the policies elegantly with a touch of innovation to further raise the standard of this esteemed institution.

The allocated college budget for 2013-14 is over 238 million rupees. The medical college building has 7 floors, with the first 5 floor housing the medical college and the top 2 floors housing the dental section. There are 5 lecture halls each with a capacity of 150 seats. There is a beautiful auditorium with a seating capacity of 500. All lecture halls have teaching aids such as multimedia, sound systems and are air conditioned. There are

Bahria University
Medical & Dental College



fully equipped laboratories, museums, dedicated teaching rooms for small group teaching and a skills laboratory in the process of being equipped.

BUMDC strictly follows the curriculum specified by the Pakistan Medical and Dental Council. However it is modernized to modular system by including strategies like problem based learning and interactive learning. Teaching of Behavior Science and Medical Ethics are given special emphasis to foster moral values and performance in BUMDC graduates. Student`s clinical teaching takes place in PNS Shifa, a tertiary care hospital, well run and well equipped with departments of Medicine, Gynecology and Obstetrics, Pediatrics, Radiology, Pathology, Plastic Surgery, Urology as well as a very busy General Surgery Department. The hospital also has a Coronary Care Unit, an Intensive Care Unit, a Dialysis unit, Orthopedics unit, Rehabilitation unit and an Emergency room with a dedicated minor operating theatre.

The clinical faculty consists of a combination of qualified and experienced civilian and naval academicians selected on their ability, knowledge and commitment to teaching. Students are taught in small group of 3-4 and attached to a clinician whom students shadow and who teaches them as he/she fulfills clinical care, surgery and medical procedures. The students thus get hands on learning from experienced physicians and surgeons.

BUMDC at present has six batches of MBBS with 100 enrolled medical students in each batch and two batches of BDS with 41 and 50 dental students respectively. The first batch of MBBS doctors graduated in December 2013. The graduation ceremony was held on

3rd March 2014. These graduates are doing their further clinical training as house job in PNS Shifa Hospital.

Bahria University Medical and Dental College is listed in the international Avicenna Directory and International Medical Education Directory (IMED). Thus BUMDC graduates can pursue their further education and training in USA, UK and other countries.

Professional development of faculty is a very important component of teaching and learning which is catered at BUMDC throughout the year by workshops. BUMDC strongly encourages research culture among the students as well as faculty. Bahria University has initiated cash awards for original research work. Establishment of multidisciplinary research laboratory and post-graduate degree program in basic medical sciences are projects of the near future that are progressing with full support and cooperation of Rector Bahria University. Publication of a medical journal and a newsletter are also salient achievements of BUMDC that provide a good platform to both faculty and students for expressing their work and achievements. The College has organized three national symposia in which the faculty and students shared their research work with other researchers of Pakistan.

In future endeavors the university is planning to build on-campus hostels for its medical and dental students. Besides enhancement of medical seats from 100-150 students, formalities to commence post graduate studies program at BUMDC is also under process with Pakistan Medical and Dental Council (PMDC).

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Anatomy



Prof. Zia ul Islam MBBS,
M. Phil, HOD

Anatomy is the branch of science concerned with the bodily structure of humans, animals, and other living organisms, especially as revealed by dissection and the separation of parts.

The Department of Anatomy at Bahria Medical and Dental College is on the first floor of the BUMDC building. It comprises of well trained and experienced postgraduate faculty members. The department consists of a very large air-conditioned museum. The museum has a large collection of plastic models which are procured from Germany. These models depict various human body structures and the students can use these teaching aids to learn and enhance their knowledge in the subject of Anatomy.

The dissection hall is well lighted and fully air-conditioned. It is provided with a large mortuary which can accommodate more than six bodies. Human cadaverous are

available for dissection purpose. Students are encouraged to do dissection in order to increase their psychosomatic skills.

The department had also a very spacious air conditioned state of art histology laboratory. The laboratory is provided with large number of latest Olympus Binocular microscopes and imported Carolina series of slide boxes. There is also a latest multi-headed microscope which is connected with a closed circuit camera so that slide images can be projected on a wall mounted 36" LCD monitor. A micro technique section is also present where tissues are processed for preparation of slides. All the labs are equipped with multimedia / OHPS etc.

The Anatomy Curriculum is developed in such a way that the subject is integrated with other basic science subjects and clinical sciences. Interactive lectures, case base discussions, problem based learning and structured practical sessions are some of the teaching strategies used to help students to learn both relevant knowledge and acquire skills.



Histology Laboratory



Dissection Hall



Model Museum

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Physiology



Prof. Dr. Nighat Rukhsana
MBBS, M. Phil
HOD

Human Physiology is the branch of medicine that deals with the study of functions of human body. It is intimately related with Human Anatomy, Biochemistry, Pharmacology, Pathology, Behavioral Sciences, and is mother

of the Medicine.

The Physiology Department is on the third floor of the BUMDC building. The physiology laboratory is very well equipped with latest and modern gadgets, apparatus and instruments like Biopac, Spirometer, Stethograph, Ergometer, Binocular

microscopes, Ophthalmoscope, Perimeter, PEF meter, Centrifuge and ECG machine etc. The laboratory is also provided with overhead projector and multimedia facilities such a provision at our disposal will benefit students maximally in demonstrating CDs and conducting tutorials and practicals.

The first year syllabus is taught in three modules in integration with Anatomy, Biochemistry and Community Medicine. The course is basically designed as student-centered with maximum involvement of students as active learners. The mode of information transfer includes lectures, tutorials, interactive sessions, problem based learning (PBL), presentations, and case based discussions.



Physiology Laboratory



Physiology Laboratory

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Biochemistry



Prof. Dr. Hasan Ali
MBBS, M. Phil
HOD

Biochemistry is the science concerned with the chemical basis of life. The key objective of biochemistry is to learn molecular basis of all biochemical process. Biochemistry encompasses large areas of cell biology, molecular biology, and molecular genetics. The knowledge of biochemistry is essential to all

life sciences. Biochemistry and medicine are intimately related. Health depends on a harmonious balance of biochemical reactions occurring in the body, and disease reflects abnormalities in biomolecules, biochemical reactions, and biochemical processes. Biochemical approaches are often fundamental in illuminating the causes of disease and in designing appropriate therapies. The department of Biochemistry is located on the third floor of the BUMDC building.



Biochemistry Laboratory



Biochemistry Laboratory

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Pathology



Prof. Dr. M. Mohiuddin Alamgir
MBBS, M. Phil-Histopathology
HOD

A dynamic and rapidly evolving field, Pathology is the study of disease, or more generally, the study of the biological response to adverse conditions. As an intellectual

discipline, Pathology bridges the basic and clinical sciences. Basic research into the causes and mechanisms of disease (experimental pathology) goes hand in glove with identifying the morphologic and biochemical manifestations of disease in human patients (anatomic and clinical pathology, respectively). All of the aspects of Pathology have important diagnostic and therapeutic implications for patient care. Teaching of this body of knowledge at various pre- and post-doctoral medical and scientific levels of interest and understanding provides a unifying component to laboratory and

clinic.

The Department of Pathology at Bahria University is located on the second floor of the BUMDC building. It is a large multi-disciplinary department having two wings: Basic, located in the premises of Bahria University Medical & Dental College, Karachi and Clinical, functioning at PNS Shifa, Karachi. It is one of the seven basic science departments at BUMDC. Our diverse faculty teaches in different phases of MBBS and BDS undergraduate programs as well as engaged in post-graduate fellowship training in various specialties of pathology.

Our mission is to provide a research-based academic environment that allows our faculty, students, fellows and staff not only to succeed, but to excel. Our goal is to advance our fundamental understanding of the pathology and the patho-physiologic mechanisms of disease, and to bring this knowledge to others through teaching and publication.



Pathology (Histopathology) Laboratory



Pathology (Microbiology) Laboratory

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Pharmacology



Prof. Dr. Nasim Karim
MBBS, M. Phil, PhD,
Post-doc), HOD

Pharmacology is the branch of Basic Health Science that deals with the drugs (medicine) and their use in a rational manner. It is the study of the effects of chemical substances

on the functions of living system. As a science it was born in the mid-19th century based on the principles of experimentation. The knowledge of pharmacology is essential as modern medicine relies heavily on drugs as main tool of therapeutics to treat any disease. The horizons of Pharmacology includes understanding of why, when and how to give a drug? How the given drug will solve or even create a problem? How the drug interacts with the tissues and other simultaneously administered drugs leading to side effects and adverse effects? The Department of Pharmacology is located

on the fourth floor of the BUMDC Building. It comprises of Professor and faculty rooms, museum, laboratory and a transient animal house. Whereas the tutorial rooms and lecture halls are shared with other basic sciences departments. Pharmacology laboratory is well equipped with instruments and fine glassware. The museum has every nidus to arouse subject interest among the students. Subject information is passed on to the MBBS and BDS students by combined teaching methodologies as per devised by the department of medical education with an aim to keep our students in pace with the academic standards of any esteemed institute of the country. Every year as a part of training and grooming student competition is organized in the department. The faculty member whose assigned student(s) win the competition is also acknowledged. This healthy educational activity provides a means of grooming of the faculty also.



Pharmacology Laboratory



Pharmacology Laboratory

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Forensic Medicine



Dr. S. Zubair Ahmed Tirmizi
MBBS, DMJ
HOD

Teaching of forensic medicine starts from 3rd year of MBBS. Different terms like forensic medicine, medical jurisprudence and legal medicine are used to denote this branch of medicine which deals with the

application of principles and knowledge of medicine to solve the problem of law and helps in administration of justice. Unlike the previous doctors, today's physicians are dealing with new and multiple problems. Spread of the violence and increase in crimes has also aggravated the problems for the practicing doctors due to which it is now appropriately constituted as an integral part of undergraduate and postgraduate medical curricula. New specialties are emerging

utilizing newer techniques with the changing concepts of teaching/ training. It is essential that the medical student gains a clear understanding of the practical, legal and philosophical issues in forensic medicine during the course of his or her training. The Department of forensic medicine is located on the fourth floor of the BUMDC building. It comprises of forensic museum, laboratory, tutorial and demonstration rooms. Museum of forensic medicine is well equipped with weapons of assault, models, Forensic as well as toxicological specimens, medico legally related X-rays, Forensic & toxicological slides, microscopes, spectroscope, human skeleton and separate bones, autopsy kit (box), abortion set and the facility of multimedia for better teaching of future graduates. Student observes medico legal cases and autopsies at hospital as a part of practical work of the subject.



Forensic Museum



Forensic Museum

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Community Medicine



Prof. Dr. Imran Shaikh
MBBS, MPH, FCPS
HOD

The aim of the Department of Community Health Sciences is to contribute towards the betterment of the health status of the Pakistani population by producing graduates who can work effectively and

efficiently within the constraints of the health system. Graduates equipped with research and lifelong learning skills will be able to identify health related problems of families, communities and solve problems based on scientific evidence.

The CHS curriculum cover priority health concerns of Pakistan and emerging global health issues that can have an impact on health of Pakistani population. The curriculum has been designed in modular form and include PHC and PHC technologies, Biostatistics, Epidemiology, Demography, Survey Methodology, Biomedical Ethics, Research Methodology , Health System Evaluation; immunizations and causes of common conditions and prevention such as

Acute Respiratory Infection (ARI), diarrhoea, malnutrition, reproductive health issues, infections prevalent or emerging in societies ; occupational hazards and natural disasters; and emerging global health issues.

CHS provides BUMDC students exposure to primary health care system, Family Centre, Non-governmental Organizations working for improved health of concerned communities within Karachi and surrounding catchment areas. The Department also intends to develop a field site for medical students training in primary health care settings.

Students in small groups undertake research projects on common medical problems, lifestyles, traditions, socio-economic factors affecting health of families and communities. Faculty members supervise the projects and ensure that theoretical concepts of research are applied in students' research studies. Continuous feedback, presentation of projects before a larger audience, and evaluation are important components of student research activity.



CHS Museum



CHS Museum

BUMDC DEPARTMENTAL INTRODUCTION BASIC SUBJECTS

Department of Medical Education



Ms. Nighat Huda
MS Education
Joint Director DME

Medical education worldwide has expanded beyond discipline-based curriculum, large classroom teaching and annual assessment. Major changes in medical education now focus

on integrated competency-based curriculum, student-centered learning, continuous assessment and feedback. Bahria University Medical and Dental College (BUMDC) has encouraged student-centered learning methods such as Problem-Based Learning (PBL), small group case-based sessions, and Problem Solving Integrated Learning (PSIL) based on common health problems prevalent in Pakistan. Continuous assessment and feedback through mentors and faculty are integral part of BUMDC education system.

The Department of Medical Education (DME) has focused on meeting the educational needs of the health professions faculty (medical and dental) by developing a pool of trained faculty members conversant with educational concepts, changes in curriculum practices, newer teaching and learning methods and skills in writing quality test items. Faculty development programs focus has been on educational theory and principles applied to implementation of

learner-centered approaches, and structured assessment process. Participating in faculty development programs is mandatory, and for this purpose faculty experiences interactive, practical and hands-on workshops that raises awareness and clarifies educational concepts on practices of medical education at BUMDC. Workshops are primarily focused on integrated curriculum, current and effective modes of medical teaching and assessment and research. Few examples of workshops include: planning modular teaching, mentoring, research methodology, writing problems for PBL, PBL process, MCQs and other methods of assessment.

Finally self-reflection and critiques of teaching techniques are vital to propel medical schools towards promoting and aiming for uncompromising excellence in medical educations. Students' feedback on regular basis enhances quality teaching and assessment practices.

DME also extends support to the Department of Examination of Bahria University (Islamabad) on planning and implementation of workshops on MCQ for colleges affiliated with Bahria University. DME department is located on fifth floor of the BUMDC building.

Learning Strategies

Interactive Lectures (IL)

The traditional lectures are used only to introduce a subject and to discuss the broad concepts in that specific field of study.

Interactive lectures remain an effective and essential way of teaching.

Group Based Learning (GBL)

Small group tutorial sessions are regularly held every week to facilitate students to develop clear concepts. Students prepare presentations on applied topics and discuss the implications with their peers. The lecturer acts as a facilitator. By participating in these group discussions, students have the opportunity to interact, share and learn from one another.

Hands-on- Training (H-O-T)

Practical sessions are conducted to reinforce concepts developed during theoretical sessions. Laboratory work is a vital part of Physiology, Biochemistry, Histology, Pharmacology, Microbiology and Pathology courses. The sessions provide provides an opportunity for students to make their own personal observations in relation to their theoretical knowledge.

Problem Based Learning (PBL)

In MBBS first three years problem-based session is scheduled. PBL is a small group student centered learning activity held in two scheduled sessions. In the first session 8-10 students discuss a case (prepared by faculty) and derive learning objectives of what students do not know about the case. The findings are summarized in the following sessions.

Case Based Learning (CBL)

In MBBS first three years case based learning session is scheduled. Cases made by the faculty with the learning resources mentioned is given to the students one week ahead of the allocated session. Students study the case and derive the possible

questions out of it along with their answers. The facilitator discuss the case, responds to the queries of the students and encourage them to acquire the basic concepts and relevant details related to the particular case.

Clinical Case Presentation (CCP)

Theoretical and practical knowledge is supplemented by clinical case presentation to provide students with essential hands-on experience and clinical practice.

Symposia/ Seminars / Workshops

BUMDC regularly organizes symposia and seminars where groups of students independently present on topics of general interest before a large audience. This encourages students to read beyond their textbooks and learn how to support their knowledge with research. Same is true for the faculty which is groomed professionally on regular basis by the symposia/ seminars/ workshops. The faculty facilitates students with an innovative touch in medical teaching.

Remedial Learning

BUMDC offers remedial program for students who face difficulties in learning or show deficiencies in their academic performance. These programs focus on objectives already covered and currently being taught. For evaluation, objectives of the relevant module are assigned for the remedial program.

Community Oriented Research Projects

BUMDC involves students in research projects. Students are encouraged to participate in the improvement of quality of life, Families in Primary Health Care Field setting.

CLINICAL SUBJECTS

Medicine



Principal & Dean Health
Sciences Brig (R)
Prof. Dr. Shaheen Moin
MBBS, FCPS, FRCP
HOD

Medicine is the “Science of Healing”. It is the practice of the diagnosis, treatment and prevention of disease, and the promotion of health.

Teaching of the subject of medicine begins with the integration of the basic

sciences in 1st and 2nd years. These topics are as important as topics of the final year. They are taught early because they are better understood when the anatomy and physiology and biochemistry of the body are being learnt. Emphasis is given to hands on learning in the emergency room, wards and OPD, observation of procedures such as GI endoscopies, bronchoscopes, ETT, echocardiogram, coronary angiogram, dialysis sessions, mechanical ventilation, lumbar punctures, pleural and peritoneal aspiration and biopsy of various organs.

Surgery



Prof. Dr. Asad Ullah Khan
MBBS, MCPS, FCPS,
FRCS, FICS(USA)

Surgery is the treatment of injuries or disorders of the body by incision or manipulation, especially with instruments.

The subject of surgery is taught in integration with the basic sciences particularly anatomy and pathology. Surgical skills such as bandaging,

splinting, rescue and resuscitation techniques begin from first year. In clinical years, in addition to performing basic skills such as suturing and anastomosis, preoperative care, students will observe procedures such as diagnostic imaging, GI endoscopy (flexible), preoperative preparation, care in the operating room, aseptic techniques, biopsies; operative techniques including laparoscopic, surgical procedures and techniques in anesthesia (end tracheal intubation, ventilator care during rotation of anesthesia). Students will experience structured program throughout the clinical years.

Gynaecology & Obstetrics

The branch of medicine dealing with the care of female reproductive organs's health and dedicated at the management of obstetric (fetal) complications, even through



Surg. Cdr. (R)
Prof. Dr. Khalida Nasreen
MBBS, MCPS, FCPS
HOD

surgery is gynecology and Obstetrics. Learning in the wards is expected to be driven by the student's own initiative. Medical students will practice communication, interviewing and examination skills by taking histories from female patients with symptoms pertaining to reproductive system. The students maintain the privacy of

CLINICAL SUBJECTS

the patients, without breaking cultural and gender norms as practiced in Pakistani society. Students will attend patients in the outdoor clinics, labor room, operation theatre, and participate in the management of emergencies. Students will write histories and clinical reports of cases attended in the OPD, labor room, and operation theatre and maintain a log book which will be assessed for internal evaluation



Prof. Dr. Shakeel Ahmed
MBBS, MCPS, FCPS, MRCPCH
HOD

Pediatrics

Pediatrics is the branch of medicine dealing with children and their diseases. The curriculum of Pediatrics is based on common health related problems of Pakistani children. A

medical student should have the minimum knowledge and skills to provide comprehensive health care to children, counsel mothers and care givers on immunization, nutritional diet, and risk factors. Medical students should be sensitive to children needs and behavior. The students are taught Social and Preventive Paediatrics, Growth and Development, Nutrition, Perinatology, Neonatology, Genetics and Dysmorphology, Nephrology, Cardiology, Respiratory system, Haematology/ Oncology, Rheumatology, Infectious and Parasitic diseases, Endocrinology, Neurology, Gastroenterology and Hepatology, Paediatric

Emergencies, Paediatric Surgery.

ENT

Otorhinolaryngology is the specialty which deals with the diseases of the ear, nose, throat, head & neck. This subject is mainly taught in 3rd and



Prof. Dr. Iqbal Hussain Udaipurwala
MBBS, DLO, FCPS
HOD

4th years. Final examination of the subject is held at the end of 4th year MBBS. Instructional strategy for this subject includes lectures, tutorials, OPD teaching, ward rounds and Operation Theater teaching. Students of 3rd year are rotated for ENT clinical teaching in small groups for 2 to 3 weeks. Students of 4th year are rotated for ENT clinical posting two times for 3 weeks each. Whole ENT subject is divided into 3 modules during the 4th year. First module (module X) covers the diseases of the ear, second (module XI) is pharynx, larynx, head & neck while the third (module XII) is diseases of the nose and para nasal sinuses.

Ophthalmology (EYE)

The branch of science that deals with the study of normal structure, diseases, treatment and surgical procedures on the eye



Surg. Cdre. Prof.
Dr. Abdul Majeed Malik
MBBS, FCPS, HOD

CLINICAL SUBJECTS

is called

Ophthalmology. The aim of teaching Ophthalmology is to train the undergraduate students about basic clinical ophthalmology. Student training will focus on how to evaluate, investigate, treat or refer the patient to the appropriate specialist.

The curriculum emphasizes on recognition of common eye diseases as well as counseling patients and community on promotion and

preventive strategies. Third year students training will focus on history taking and basic clinical examination skills. Fourth year students in patient care, clinical examinations, case presentations discussion; observe & assist minor surgical procedures; and observe advanced investigations e.g. FFA, OCT and computerized visual field analysis etc.



DENTAL SECTION

Department of Science of Dental Materials

The Science of Dental Material is a Basic Science subject taught in the first professional year BDS. It entails the study of mechanical, physical and chemical properties of dental materials with special emphasis placed on materials-structure in correlation with both clinical and non clinical aspects. It provides the insight of Dental Materials that are currently used in Clinical Dentistry and covers the underlying principles of their functional properties, bioactivity and biocompatibility. The course begins with an introduction to the major classes of materials used in dentistry including polymers, metals, ceramics and restorative materials with their properties, manipulation, chemistry, testing methods, and placement. The department of Dental Materials provides both the scientific background and the practical skills needed to make the best use of new and available dental materials.

Dental material laboratory is well lighted, fully air conditioned and is provided with the enough working stations for the students to diligently perform the practical work. The laboratory area includes plaster room, curing room, working stations and dental museum. This is the area where they get the actual understanding of the different materials starting from wire bending to the manipulation of plaster and acrylic material. Pre-clinical Prosthodontics which is a second professional subject is also taught in this Lab.

Department of Oral Biology

Oral Biology is a basic science subject taught in the second professional year BDS. The

specialty is concerned with the nature of the oral and craniofacial tissues and with the application of basic scientific knowledge to oral tissues in health. This full year course includes a comprehensive study of oral embryology, growth and development, oral biochemistry, oral genetics and oral physiology. The teaching modules include areas in: growth and development of the cranio-orofacial complex, combined with details of the structure, composition and function of cells, tissues and organs of the oral cavity.

Oral Biology laboratory is fully equipped with world class microscopes to study the histological features of oral & Para oral structures. Students analyze the normal tooth morphology by carving teeth in wax, preparing hard & soft tissue slides and viewing them under microscopes. This enables them to appreciate the diseased tissue & differentiate between diseased and normal tissues. By having in depth understanding of normal growth & development of oral & para oral structures, students can plan treatments of various dental procedures.

Department of Community & Preventive Dentistry

Community/Preventive dentistry is the dynamic field of dentistry which provides basic & advanced health knowledge to an individual and group of people, prevention of oral/dental diseases & awareness of oral hygiene in population. Community Dentistry is a basic science subject taught in the second

professional year BDS. The main purpose of this subject is to achieve good oral hygiene & health awareness in public through organized community efforts.

This course aims to stimulate the interest and encourage a questioning approach to community dental health issues and their relationship to clinical practice. The curriculum covers the philosophy and basis of the dental public health, primary health care approach, the epidemiology of oral diseases, oral health promotion, and prevention of oral diseases, behavioral sciences, biostatistics and oral health services.

This subject is essential to the practice of dentistry as it puts it in the context within society and seeks to answer questions at a population level.

Pre-Clinical Dentistry (Phantom Head Lab)

Pre-Clinical Lab introduces a dental student to clinical environment. Over all aim of this course which is conducted in second year is to ensure that the undergraduate dental students have the knowledge and skills to operate safely in the dental environment and can demonstrate chair side skill across a range of dental procedures. There are 15 stations in the Phantom Head lab with all the latest attachments. The lab is also equipped with audiovisual teaching aids.



Department of Oral Pathology
Oral Pathology deals with the nature,

identification, and management of diseases affecting the oral and maxillofacial regions. It is a science that investigates the causes, processes and effects of these diseases. This subject provides a scientific basis for understanding the etiology, pathogenesis, as well as the practical skills needed in diagnosis of oral and maxillo-facial diseases. This basic science subject is taught in the third professional year BDS. The discipline of oral pathology acts as bridge between basic sciences and clinical dentistry. The course offers an in-depth study into the pathology of the oral cavity including teeth, peridontium, oral mucosa, tongue, jaws, salivary glands, temporo-mandibular joint and maxillary sinus. The students are trained to correlate the clinical appearance of the disease with their underlying histopathological features. Many of the systemic diseases can have oral manifestations, characteristic enough to lead to diagnosis of the underlying syndrome.

Oral Pathology laboratory is fully equipped with world class microscopes to study the histopathological features of oral diseases. Students compare microscopic features of



diseased and normal tissues to analyze the management & prognosis of disease process which in turn enable them to develop problem solving skills.

Department of Oral Diagnosis & Oral Medicine

Oral Diagnosis & Oral Medicine is subject taught in 3rd year BDS. Oral Diagnosis and Oral Medicine is concerned mainly with diseases involving the oral and perioral structures, especially the oral mucosa, and the oral manifestation of systemic diseases. Oral Medicine essentially is the non-surgical management of disorders of the oral mucosa and salivary glands and of abnormal sensation of the orofacial region. The subject aims to provide an understanding of the aetiology, epidemiology and clinical presentation of well-characterised disorders of the teeth, oral mucosa and salivary glands, and disorders of sensation of the mouth (pain and abnormalities of taste). It offers an understanding of the relevant investigation and non surgical management of oral diseases.

Department of Periodontology

Periodontology is intended to provide a sound and intensive knowledge of the basic principles of the aetiology, progression and pathogenesis of periodontal tissues as well as the diagnosis & management of advanced periodontal diseases. Initial therapy, non-surgical management, and simple surgical procedures also form part of this one year subject taught in 3rd year BDS.



Department of Operative dentistry

Operative Dentistry is one of the branches of dentistry that deals with restoration of dental tissue lost due to disease or trauma. Operative Dentistry is indicated primarily for dental caries, malformed, discolored or fractured teeth, replacement or repair of existing restorations as well as providing preventing treatment for dental decay. Treatment should restore proper tooth morphology, function, esthetics and harmonious relationship with the surrounding tissues.

Operative Dentistry aims to support the academic goals of the institution through teaching, patient treatment and research.

The department of Operative Dentistry has several sub specialties like:

- Paedodontics
- Endodontics
- Restorative dentistry

The department is equipped with modern day facilities to provide students with opportunities to learn and develop skills in latest operative techniques.

Department of Prosthodontics

Prosthetic Dentistry is a branch of dentistry pertaining to the restoration and maintenance of oral functions, comfort, appearance and health of the patient by restoration of teeth and/or replacement of the missing structures with removable & fixed Dental prostheses. An understanding of the choice of materials and techniques is crucial in delivering a high standard of prosthetic care.

The objective is to be a premier department in providing a high standard of teaching, training and research to produce caring dental professionals with holistic approach in

Prosthetic Dentistry and to be a center of excellence in oral health science, education and research and to function as a catalyst to promote learning and research in Prosthetic Dentistry.

The Department includes outpatient department as well as fully equipped prosthetic and Ceramic laboratory.

Department of Orthodontics

Study of Orthodontics provides in-depth education in the biological, biomechanical, and surgical treatment principles related to orthodontic. The subject aims to present a comprehensive understanding of the knowledge and treatment of crowding of teeth, increased space between teeth, extra or missing teeth, thumb-sucking, tongue thrusting habits, premature loss of primary or permanent teeth, cleft palate, and related disciplines and instill in our students the ability to critically assess the literature of orthodontics and related disciplines. The teaching strategies include interactive session as well as hands on demo and clinical exercises. This enables students to diagnose, and prepare treatment plan, and deliver comprehensive orthodontic health care service.

The department includes modern orthodontic clinic, reception and waiting area, fully equipped clinical laboratory for appliance construction and plaster work and cephalometry room. The purpose of teaching this subject at an undergraduate level at BUM&DC, Dental Section is to provide students with a balanced academic and clinical experience in the domain of orthodontics and dentofacial orthopedics in order to develop comprehensive scientific competence.

Department of Oral & Maxillofacial Surgery
Oral & Maxillofacial Surgery is a branch that deals with the art of diagnosis and treatment of various diseases, pathologies and defects involving the oro-facial region. This specialty has evolved through the ages and presently the oral & maxillofacial surgeon in addition to Minor Oral Surgery deals with the various craniofacial pathologies in a multi disciplinary environment.

The specialty of Oral & Maxillofacial Surgery has a varied scope. The under graduate program deals with extraction of teeth and management of complications arising thereafter, the management, along with the management of medical emergencies on the dental chair variable dentoalveolar procedures.

This program involves lectures, seminars, clinical training in the last two years of the four-year dental curriculum. Students are exposed to a wide variety of orofacial pathologies, maxillofacial trauma and reconstructive osteotomies. All students get an extensive knowledge of asepsis in clinical practice along with clinical experience in extractions and observation and assistance in minor & major oral surgical procedures. Those interested in research will be able to collaborate in some of the ongoing research projects in the department.



Medical Education Department
Medical teaching around the world has expanded beyond the classroom and now includes teaching in small groups as well as continuous assessment and provides instructional materials beyond the syllabus. Bahria University Medical and Dental College aims to encourage problem-based learning, learner-centered teaching, clinical teaching and ready to provide effective feedback to enhance the learning process. The department of medical education at Bahria University Medical and Dental College is interested in raising the standards of the teaching and in developing a pool of trained faculty members. Faculty development is essential to train medical faculty in educational theory and specific teaching skills as well as to encourage a flexible and

learner-centered approach to teaching. For this purpose interactive, practical and hands-on workshops have been designed to lay the foundations of medical education. Workshops are primarily focused on current and effective modes of medical teaching in order to enhance facilitation skills of our faculty.

Finally, self-reflection and critique of teaching techniques are vital to propel medical schools towards promoting and aiming for uncompromising excellence in medical education. In order to promote excellence in teaching Bahria University Medical and Dental College is aware of the current and effective strategies which are applied in our own settings to enhance and maintain the standard of this prestigious institute.



Teaching Hospital

Pakistan Navy Hospital, PNS SHIFA, one of the largest hospitals in Karachi, is situated in DHA Phase-II, about 30-minute drive from Quaid-e-Azam International Airport Karachi.



Administration of the Hospital (PNS SHIFA)

Surgeon Commodore Muhammad Ayub Sabir
MBBS, M.Sc(Adv Med Admin),
Commandant

Surgeon Captain Hassan Iqbal
MBBS, M.Sc (Adv Med Admin)
Deputy Commandant

Commander Iftekhar Saeed, PN
B.Sc (Hons) Naval Sciences,
Professional Diploma in Hospital Management (NUST)
Executive Officer

Captain (AFNS) Shahnaz Yaqub
Matron

Over the past three decades, PNS SHIFA has evolved into one of the best hospitals of the country. It not only provides tertiary healthcare facilities but is also a recognized hospital for postgraduate medical training in virtually all disciplines by College of Physicians and Surgeons Pakistan. PNS SHIFA is also playing an important role in the teaching and training of nursing officers, nursing cadets and medical technicians.



It houses over 700 beds and offers various modern day indoor and OPD facilities including:

Medicine, Surgery, Obstetrics and Gynaecology, Cardiology, Neurosurgery, Orthopedic, Urology, Ophthalmology, Pediatrics, Pathology, Radiology, Anesthesia, Intensive Care Units, Rehabilitation Medicine, Skin & Venereal Diseases, ENT, Dentistry, Emergency and Trauma Department and Burn Centre.





STUDENTS SUPPORT FACILITIES

- Academic Advisory**
- Student Services**
- Student Affair Office**
- Talent Enhancing Activities**
- Academic Support Services**
- Library**
- Cafeteria**
- Hostel Accommodation**
- Health Care**
- Student Code of Conduct**
- Transport**

STUDENTS SUPPORT FACILITIES

Mentor System

Bahria University provides academic guidance to students through academic advisors. The student-advisor relationship is viewed as a partnership where both members of the team have responsibilities which if properly fulfilled, enhances the students' opportunities for academic success. Responsibilities of the academic advisor include guidance in selection of courses, informing and explaining admission procedures, transfer of credits, assistance in general adjustments to university life, serving as a resource person for university information and guiding students to meet their academic requirements.

It is the students' responsibility to know their



degree requirements, to be accountable for university policies, and to obtain course-scheduling information. Students are encouraged to meet with their advisors to discuss problems affecting their academic performance. Students are advised to use their advisor's expertise in achieving their academic goals.

Student Affairs Office

The Students affairs office coordinates administrative co-curricular and extracurricular activities. Students are advised to approach the Deputy Director Admissions and Student Affairs for any academic or nonacademic matter.

The Deputy Director Admission and Student

Affairs is also responsible for organizing sports and club activities. Matters pertaining to admissions, registration with the university, degrees etc. are also dealt by the Students Affairs office.

Hostel Accommodation

Hostel facilities are very limited and will be provided on first come, first served basis, (There is a separate hostel facility for female & male students) Students are advised to apply for hostel accommodation immediately on confirmation of admission. However, to avoid any inconvenience students are advised to arrange accommodation at their own if hostel accommodation is filled. Hospital charges are payable in advance.

Sick Bay

Present in the college premises to look after the health issues of the students

Academic Support Services

One of Bahria University's main attractions is its impressive and extensive range of academic support services. These state-of-the-art services include computer laboratories, hardware laboratories, communication and electronics labs, multimedia, internet, e-mail facilities, an auditorium, a Leadership Development Centre, presentation hall, cafeteria and the library.

Partnership in Learning

It is the University's endeavor to set out the general principles of the partnership between the University and its students, so that both can work to get the best out of your student life for you. This includes specifying objectives and standards for all University services offered to students and identifying the principles which a student should adopt for the relationship to be mutually beneficial.

“Partnership in Learning” is given below so that you can get a flavor of the kind of commitments and principles that we will follow in order to give you the best student experience that can be achieved.

To this end the University will:

- Ensure that everyone who can benefit has the right to higher education. Students will therefore be treated fairly and on merit, in line with best equal-opportunities.
- Provide quality education that will enhance the intellectual ability, practical skills and career prospects of each student. The University will, wherever practicable, provide students with choice within their academic programs.
- Provide accurate and up-to-date information about its courses, methods of assessment, type of teaching and services.
- Supply a detailed statement about the curriculum being followed by its students and will provide a comfortable and well-equipped learning environment.
- Provide suitable support and guidance services which include personal counseling and career advice.
- Involve students in the decision-making process regarding academic matters through a process of evaluation based on.
- Feedback received on a regular basis from students.
- Maintain independent and impartial procedures for dealing justly with appeals, complaints and redress.

The students on their part will:

- Take advantage of the educational opportunities available to them, including taking part in seminars, tutorials and group projects.
- Engage other students and teaching staff in intellectual debate and inquiry.

- Respond appropriately to course work deadlines, and other assessment requirements.
- Conduct themselves as per University norms in such a way as to ensure opportunities for all students to take part in University life, through adherence to the Code of Conduct.
- Contribute via their representatives towards the improvement of courses, syllabi and curriculum.

Student Code of Conduct

Integrity and honesty are the prime and foundation ingredients of any institution of higher learning and form the character building blocks of its students. The University strives for the highest standards of academic integrity and discipline prevalent at any reputable institution in the world. A “Student Discipline Committee” and various other measures regularly monitor the activities of the students. The Committee is empowered to take necessary measures for maintenance of standards in the institute pertaining to:

- Unauthorized use of the University’s name or logo that is the property of the University.
- Harassment, sexual or otherwise, or intimidation of any member of the University community while on University premises or during University sponsored events.
 - Coming late for classes.
 - Improper/inappropriate dress.
 - Horseplay, skylarking etc in Cafeteria/Common areas.
 - Non-clearance of bills/dues.

Dress Code

Bahria University expects its students to be decently dressed at all times.

Following are prohibited:

- ☞ Boys entering the University wearing shawls, slippers, shorts and jeans.
- ☞ Girls entering the University wearing jeans, tight trousers and blouses, sleeveless and cap sleeve shirts, without dupatta, slippers and flip flops.

Student Card

All Bahria University students are issued Student ID Cards. They are required to have their ID Cards displayed on their dress while in the campus. No student is permitted to enter the campus without a card.

Smoking

Smoking is strictly prohibited within the University premises.

Transport

Bahria University provides its students with transportation so that those living far can reach on time. This facility is available for most of the students on allocated routes at nominal charges.



ADMISSIONS

Application Form

Personal Information

Please review all questions carefully before preparing your application.

(Initial)

Document number, if any)

ADMISSIONS

Policy Statement

BUMDC is open to all academically qualified candidates, regardless of gender, religion, race, creed, or domicile. Students from anywhere in Pakistan and overseas may apply. Admission is strictly based on merit which is determined on the basis of candidates' academic records and on their performance in the entry test. The college is allowed to admit 100 students in MBBS Program and 50 students in BDS Program annually.

How to Apply?

Admissions are advertised in all the leading newspapers of the country and are also displayed on the Bahria University and BUMDC websites. The prospectus and admission forms are available from the admission office of the BUMDC upon payment of rupees 2000. Requests by mail should be addressed to the Admission Office and accompanied by a bank draft of rupees 2200, payable to Bahria University. Overseas and foreign candidates are required to enclose a bank draft of US \$ 100 of any bank that has a branch in Karachi and Islamabad. The cheques and postal orders are not accepted. Please do not send cash by post. It will not be entertained.

Applicants aspiring to join the Medical and Dental programs at Bahria University Medical & Dental College are advised to read the eligibility criteria for the desired program and application form carefully. Admission to any medical and dental institution is always competitive and is very well contested. Applicants are advised to prepare themselves for the admission process with full concentration and commitment.

Provisional application along with a hope certificate can be submitted with HSSC Part-I result by those candidates who have already appeared in HSSC Part-II examination and are awaiting the result. However, awaiting result must reach the Admission Office latest by the day of Entry Test, otherwise candidates shall be ineligible to sit in entry test. Failing this, all provisional application forms will cease to receive any further attention and no further communication will be carried out with such an applicant thereafter.

Application Package

The Application package comprises of following documents:

- Prospectus
- Application Form
- Admit Card
- Medical Form

Minimum Academic Requirements for Admission in the MBBS/BDS Course:

1. For Local Pakistani Students

The candidates who have passed the Intermediate Science (FSc) (Examination Medical Group) securing at least 60 % marks aggregate, unadjusted, from a Pakistani University or an equivalent examination of Board of Secondary Education in Pakistan shall be considered eligible to take the entry test for admission in MBBS/BDS course.

Or

The candidate who has passed any other examination of a foreign university or examining body, which contains the subjects declared as essential by Pakistan Medical and Dental Council (PMDC) in scope and standard and is found equivalent upon certification by the IBCC to the Intermediate Science (F.Sc with 60% marks) Examination of a Pakistani

University or Board of Secondary Education, shall be eligible to take the entry test for admission in MBBS/ BDS course.

Or

The candidate who has passed an examination higher than F.Sc from a Pakistani University with Biological Sciences provided he/she has passed the Intermediate Science (F.Sc. Examination) (Medical Group) securing at least 60% marks in aggregate, unadjusted, from a Pakistani University or an equivalent examination of a Board of Secondary Education in Pakistan shall be eligible to take the entry test for admission in MBBS/ BDS course.

2. For Overseas/Foreign Students

- a. The candidate who has passed an examination equivalent to intermediate level of Pakistan from a foreign education system with three science subjects out of which Biology and Chemistry are essential subjects with 60% marks in each as certified by IBCC, is eligible to appear in the entry test of MBBS/BDS course. On open merit seats no admission shall be given except through the provincial entry test. Subject wise equivalence by IBCC shall be acceptable; study group mentioned by IBCC shall have no effect on the eligibility for admission, if any.
- b. On foreign seats only and not on open merit seats, in lieu of the entry test of the admission authority, the candidate is required to have passed SAT II examination with a minimum score of 550 marks in each of the three science subjects of which two have to be Biology and Chemistry.
- c. The candidate is required to present a

valid TOFEL or IELTS with a score of 500 or 5.5 only if the medium of instruction of study two years prior to application for admission/entry test is not English. An alternate to TOFEL and IELTS is a certification by NUML Islamabad after a one year English language course.

- d. Foreigners and Pakistanis having dual nationality shall be eligible for admission on foreign/overseas seats irrespective of the place of their premedical study, Pakistan or abroad.

Admission on Overseas/Foreigner Seats and Eligibility Criteria for Foreign Students, Pakistani Students who have done Pre-Medical Studies from abroad.

No admission shall be given in MBBS program course on the overseas/foreign seats, without an entry test or the requisite SAT II score of 550 marks in each of the three science subjects of which two have to be Biology and Chemistry. 10 and 5 seats are reserved for overseas/foreign students in MBBS and BDS respectively.

The following Categories of Students shall be Eligible for Admission on Overseas Foreign Seats

1. Pakistani national student having passed an examination equivalent to intermediate level of Pakistan after study abroad from a foreign education system with three science subjects out of which Biology and Chemistry are essential subjects with 60% marks in each as certified by IBCC, is eligible to appear in the entry test for admission in MBBS. Subject wise equivalence by IBCC shall be acceptable irrespective of study group mentioned by IBCC if any. In lieu

of the entry test of the admission authority, the candidate is required to have passed SAT II examination score with minimum 550 marks in each of the three science subjects of which two have to be Biology and Chemistry. The candidate is required to present a valid TOEFL and IELTS with a score of 500 or 5.5 only if the medium of instruction of study two years prior to application for admission /entry test is not English. An alternate to TOEFL and IELTS is a certification by NUML Islamabad after a one year English language course.

2. Foreigners and Pakistanis having dual nationality shall be eligible for admission on foreign/overseas seats irrespective of the place of their premedical study, Pakistani or abroad. They shall either have to appear in the entry test or present the admitting authority/University with the requisite SAT scores and entry test marks. The candidate is required to have passed intermediate from a Pakistan board or an examination equivalent to intermediate level of Pakistan after study abroad from a foreign education system with three science subjects out of which Biology and Chemistry are essential subjects with 60% marks in each as certified by IBCC, is eligible to appear in the entry test for admission in the MBBS. Subject wise equivalence by IBCC shall be acceptable irrespective of study group mentioned by IBCC, if any. In lieu of the entry test of the admission authority, the candidate is required to have passed SAT II examination score with minimum 550 marks in each of the three science subjects of which two have to be Biology and Chemistry. The candidate is required to present a valid TOEFL or IELTS with a score of 500 or 5.5 only if the medium of instruction for admission / entry test is not

English. An alternate to TOEFL and IELTS is a certification by NUML Islamabad after a one year English language course.

3. Pakistani students who have studied abroad for premedical but appearing in the Pakistani boards from abroad are also eligible. They shall either have to appear in the entry test or present the admitting authority/University with the requisite SAT scores and entry test marks. The candidate is required to have passed intermediate from a Pakistan board or an examination equivalent to intermediate level of Pakistan after study abroad from a foreign education system with three science subjects out of which Biology and Chemistry are essential subjects with 60% marks in each as certified by IBCC, is eligible to appear in the entry test for the admission in MBBS / BDS. Subject wise equivalence by IBCC shall be acceptable irrespective of study group mentioned by IBCC, if any. In lieu of the entry test of the admission authority, the candidate is required to have passed SAT II examination score with minimum 550 marks in each of the three science subjects of which two have to be Biology and Chemistry, The candidate is required to present a valid TOEFL or IELTS with a score of 500 or 5.5 only if the medium of instruction of study two years prior to application for admission / entry test is not English. An alternate to TOEFL and IELTS is a certification by NUML Islamabad after a one year English language course.

Age Limit for Admission in MBBS / BDS

There is no minimum or maximum age limit for admission in MBBS / BDS programs at BUMDC.

Entry Test

All applicants will be required to take the college entry test conducted by NTS. The entry test is an essential segment of the admission process. As an alternate Overseas and Foreign candidates having minimum SAT II score 550 marks in each three science subjects of which two has to be Biology and Chemistry are exempted from entry test and shall be required to appear in the interview directly.

The entry test is conducted on-campus, or at locations as advertised. The test encompasses questions on Biology, Chemistry, Physics and English (HSC level). The duration of the test is 2 hours, and the format is a series of multiple-choice questions (MCQs) for each subject.

Before the test, each applicant is issued an Entry Test Card, which outlines the necessary instructions. Candidates are not allowed to enter the examination hall without this Card. The results of the entry test are subsequently made available on the university website.

Selection Criteria

The final merit list is based on the following criteria as per PMDC admission policy:

a.	Entry Test	50%
b.	HSSC/Equivalent	40%
c.	SSC/Equivalent	10%
	Total	100%

Note: The entry test is conducted from Fsc (Pre Medical) course (Biology, Chemistry, Physics and English).

Interviews

Interviews are part of verification of original credentials, meeting with candidates and his / her parents / guardian. Applicants are cautioned that interview, although held

towards the end of the admission process, is only one component of the whole process and contribute a small weightage to the cumulative merit. It is very rare that a candidate is rejected on the basis of his/her interview.

Final Selection

The relative weightages of all the components of admission process are added upto prepare at the final merit list. The top applicants on the merit list are invited, in writing, to join the first year MBBS class. No formal waiting list is announced, but all the remaining applicants stay on the waiting list. Any dropouts from the class are replaced by candidates on the waiting list, according to merit, before commencement of classes.

Note: Selected students are required to confirm their intent to join the college by depositing the admission fee, tuition fee and other fees, within the stipulated period. If a seat in the first year class is not confirmed by the specified date then it is offered to the next candidate on the waiting list. No further claim of admission by the incumbent applicant is valid in such an eventuality.

Note: Since BUMDC is a constituent unit of Bahria University, its students are required to abide by all rules and regulations, academic as well as administrative including the dress code promulgated by the University through statutes, notifications, circulars, resolutions of regulatory bodies, students handbook and executive or administrative directives.

Regulatory Bodies Rules/Regulations

The Rules of Higher Education Commission, Pakistan Medical and Dental Council shall be the binding on the students.

Curriculum & Assessment Methodology



BUMDC CURRICULUM AND ASSESSMENT METHODOLOGY

Curriculum

The curriculum followed at BUMDC for its five years MBBS and four years BDS Programs have been developed according to the needs of the health care system and is compatible with the curriculum of leading Medical Colleges /Universities in Pakistan and abroad. The curriculum meets the minimum standards of the Pakistan Medical and Dental Council (PMDC).

Examinations Rules

The examination schedule is announced well before the commencement of examinations, so as to allow sufficient time for students to prepare. It is mandatory for students to fulfill the minimum requirement to be eligible to sit in the examination, on the following criteria.

Students Performance Assessment/Evaluation

Evaluation is an ongoing process, comprising of continuous assessment test (CAT), end of module examinations, and annual/ professional university examinations. Credit from continuous assessments contributes towards the final performance in professional examination. The assessment process is designed to achieve the instructional objectives.

To evaluate student's knowledge, skill and attitudes multiple assessment methods are used, including short answer questions (SAQ), MCQs, OSPE, OSCE and oral examination. In line with the PMDC stipulation, the minimum pass level for all tests and examinations is 50%. (fifty percent) BUMDC evaluation system encourages each student to create personal standards of excellence. Students who fail to achieve the criteria are helped by remedial coaching if

necessary.

Mandatory student attendance requirement of 80% at least is needed for sitting in the annual university examination. However, persistent unsatisfactory performance or chronic absenteeism could lead to withdrawal of the student from the college.

Internal Assessment

In MBBS and BDS 10% of total marks of each subject contribute to internal assessment. Internal assessment of theory is based on continuous assessment test (CAT), module exam conducted by the college, while internal assessment of Viva Voce/Practical is based on practical, OSPE, OSCE and ward assessment/tests/visit reports. Attendance and student behavior also contribute to internal assessment.

The BUMDC examination cell works in liaison with the Examination Department of Bahria University main Campus situated in Islamabad.

The Examination Cell Has The Following Responsibilities:

- Conducts various internal and modular examinations, facilitates the department of examination Bahria University Islamabad to conduct professional examinations.
- Compile results of different examinations.
- Maintain MBBS and BDS internal assessments record of the students.

General Eligibility for Any Professional Examination

A student is eligible to appear in a professional examination, at the end of an academic year, subject to fulfilling the

following conditions. He/She

- a. Has studied the prescribed courses during the academic year.
- b. Has attended at least 80% lectures, demonstrations, practical and clinical sessions in each subject separately.
- c. Has paid the tuition fee as prescribed by the university.
- d. Has filled the student's examination form for the particular examination and that has been submitted to the director of examinations by the BUMDC.
The student criteria for professional examination of MBBS course is described in the ensuing paragraphs.

Professional Examination

- a. The university examinations are held only twice each academic year (that is annual & supplementary) for each class.
- b. There are no more than two professional university examinations in an academic year.
- c. The same examination fee is payable whether a candidate appears in one or more subjects.
- d. There is External Examiner for each subject of all the MBBS Professional Examinations who assesses with the internal examiner the theory, practical, clinical and Viva Voce examination as per rules laid down by the Pakistan Medical and Dental Council (PMDC).
- e. Whatever may be the system of marking for all examinations throughout the Medical course, the percentage of pass marks in each subject is not less than fifty that is 50% in theory and 50 % in oral and

practical / clinical examinations separately.

- f. No grace marks are allowed to the medical students in any examinations.
- g. No student is promoted to the higher class unless he passes all the subject of the previous class.
- h. A students who fails in any subject in the annual examination shall be allowed to attend next class till the supplementary examination however, if he / she fails to clear all subjects in supplementary examination then he / she will be relegated to his / her previous class.
- i. The final professional MBBS examination is not taken before the close of the fifth that is the fourth academic year of Medical and Dental students respectively.

Academic Standard for Award of MBBS Degree

A candidate, who has passed the final professional MBBS examination, from Bahria University constituent/affiliated college shall be entitled to the degree of bachelor of Medicine and Bachelor of Surgery (MBBS) from Bahria University, provided he / she has conformed to all the requirements of PMDC which may be in forced from time to time.

Registration and Examination of MBBS Students

First Professional MBBS Part I Examination

- a. A candidate shall be eligible to appear in the first professional MBBS part I, if he/she has studied the prescribed courses during the first academic year.

- b. Any student who fails to clear the first professional MBBS part I examination in four chances availed or un-availed after becoming eligible for each examination shall cease to become eligible for further Medical education in Pakistan.
- c. Under no circumstances students shall be promoted to second year class MBBS till he / she has previously passed all subjects of first professional part I examination.

First Professional MBBS Part II Examination

- a. To be held at the end of the second academic year in the subject in coursework completed in the second year.
- b. A candidate shall be eligible to appear in the first professional MBBS examination part II at the end of second academic year if he / she has studied the prescribed courses during the second academic year.
- c. Any student who fails to clear the first professional examination in four chances availed or un-availed after becoming eligible for the examination shall cease to become eligible for further Medical education in Pakistan.
- d. No student shall be promoted to third year class till he / she passes the university examinations in the prescribed subjects of second year.

Second Professional MBBS Examination

- a. A candidate shall be eligible to appear in the second professional MBBS examination at the end of third academic year if he / she has passed the first professional MBBS

examination part I and II and has studied the prescribed courses during third academic year.

- b. A candidate who fails (whether appear or absent) in one or more subjects in second professional annual examination shall be eligible to re-appear in the subsequent university examination (supplementary/annual) in the subject or subjects in which he / she has failed.
- c. No student shall be promoted to fourth year class till he / she passes the university examinations in the prescribed subjects of third year.

Third Professional MBBS Examination

- a. A candidate shall be eligible to appear in the third professional MBBS examination at the end of fourth academic year, if he/she has passed the second professional MBBS examinations from a recognized institute and has studied the prescribed courses during the fourth academic year.
- b. A candidate who fails (whether appear or absent) in one or more subjects in third professional annual examination shall be eligible to re-appear in the subsequent university examination (supplementary/annual) in the subject or subjects in which he / she has failed.
- c. No student shall be promoted to fifth year class till he / she passes the university examinations in the prescribed subjects of fourth year.

Final Professional MBBS Examination

- a. A candidate shall be eligible to appear in the final professional MBBS examination, if he/she has passed the third professional MBBS examinations and has studied the prescribed courses during the fifth academic year.
- b. The final MBBS examination in Medicine, Surgery, Pediatrics, Obstetrics and Gynecology shall not be further subdivided from qualifying in the final professional MBBS examination.
- c. Three academic years at least shall intervene between the date of passing the first (part I and II) and the final professional examination for MBBS degree.
- d. A candidate who fails (whether appeared or absent) in one or more subjects in final professional annual examination shall be eligible to re-appear in the subsequent university examinations (supplementary / annual) in the subject or subjects in which he / she has failed.

Academic Standard for Award of BDS Degree

A candidate who has passed the final professional BDS examination, from Bahria University constituent/affiliated college shall be entitled to the degree of bachelor of Dental Surgery (BDS) from Bahria University, provided he / she has conformed to all the requirements of PMDC which may be enforced from time to time.

Registration and Examination of BDS Students

First Professional BDS Examination

- a. A candidate shall be eligible to appear in the first professional examination

at the end of first academic year if he/she has studied the prescribed courses by the PMDC / Bahria University in the BUMDC.

- b. A candidate who fails (whether appeared or absent) in one or more subjects in first professional annual examination shall be eligible to re-appear in the subsequent university examinations (supplementary) in the subject or subjects in which he / she has failed.
- c. Any student who fails to clear the first professional examination in four chances availed or un-availed after becoming eligible for the examination shall cease to become eligible for further Dental education in Pakistan.
- d. No student shall be promoted to second year class till he / she passes the university examinations in the prescribed subjects in first year as mentioned by PMDC / Bahria University.

Second Professional BDS Examination

- a. A candidate shall be eligible to appear in the second professional BDS examination at the end of second academic year if he / she has passed the first professional BDS examination and has studied the prescribed courses during the second academic year.
- b. A candidate who fails (whether appear or absent) in one or more subjects in second professional annual examination shall be eligible to re-appear in the subsequent university examinations

(supplementary) in the subject or subjects in which he / she has failed.

- c. No student shall be promoted to third year class till he / she passed the university examinations in the prescribed subjects in second year by PMDC / Bahria University.

Third Professional BDS Examination

- a. A candidate shall be eligible to appear in the third professional BDS examination at the end of third academic year, if he/she has passed the second professional BDS examinations and has studied the prescribed courses during the third academic year.
- b. A candidate who fails (whether appear or absent) in one or more subjects in third professional annual examination shall be eligible to re-appear in the subsequent university examination (supplementary) in the subject or subjects in which he / she has failed.
- c. No student shall be promoted to fourth year class till he / she passed the university examinations in the prescribed subjects of third year as mentioned by PMDC / Bahria University.

Final Professional BDS Examination

- a. A candidate shall be eligible to appear in the final professional BDS examination at the end of the fourth academic year if he/she has passed the third professional BDS examinations and has studied the prescribed courses in the fourth academic year by PMDC / Bahria University.
- b. Has fulfilled the minimum requirement for the clinical training at a recognized hospital / institute, as laid down in the PMDC regulations.

Liaison with Parents by Student Affairs Department of BUMDC

This office also serves as a bridge between the college administration and parents. Student progress reports are regularly mailed to parents at the conclusion of every term and annual examinations. Similarly, student attendance, following short in attendance, is brought to their notice. Matters relating to college discipline, any violation of college rules and regulations are also referred to parents.

Fee Structure



COLLEGE FEES & OTHER CHARGES
MBBS BATCH 2014-19, BDS 2014-18

(A) PAKISTANI STUDENTS

Annual Charges	Amount in Rs	
Tuition	565,675	
Examination	27,500	
Student Support Fund	1,100	
Health Insurance	2,000	
Total	5,96,275	
Admission	100,000	
Security (Refundable)	13,300	
Degree	5,500	Only on Admission
Registration of University and PMDC	7,700	
Sub – Total	126,500	
Total	722,775	(- Security 12,100/-)
Withholding Tax @ 5%, As per FBR Circular # 6 of 2013 (Section-2361)	35,474	
Grand Total	758,249	

(B) OVERSEAS (FOREIGN) STUDENTS

Annual Charges	Amount in Rs	
Tuition	US \$ 12,100	
Examination	Rs. 27,500	
Health Insurance	Rs. 2,000	
Student Support Fund	Rs. 12,100	
Admission	US \$ 1,210	
Security (Refundable)	Rs. 13,300	Only on Admission
Degree	Rs. 5,500	
Registration of University and PM&DC	7,700	
	US\$ 13,310 (FE) &Rs. 68,100 (LC)	
Withholding Tax @ 5%, As per FBR Circular # 6 of 2013 (Section-2361)	US \$ 13,310	
	5% 666	
	Total US \$ 13,976	

Rs.	68,100 (-Security 13,300/=)
5%	2,740
Total Rs.	70,840 (LC)

Note: The University reserves the right to change fee structure at any time.

All fee charges are to be paid in advance through Bank Draft / Pay Order in favor of Bahria University Islamabad.

Fee Refund Policy

If a selected candidate after depositing the dues gets his /her admission cancelled before the commencement of the first year classes then there shall be a 100% refund of all deposited fee that is the one time admission fee. If the student wishes to leave the institution within two month of commencement of classes than there shall be 50% refund of all deposited fees and if the student wishes to leave the institution after two months of joining 1st year MBBS / BDS class then there shall be no refund at all.

The security deposit is kept against breakage and / or any other damage caused by the student. This deposit shall be refunded to the student whenever he / she cease to be the student of the university but only after deduction, if any.

Instructions

- All dues which include annual fee and hostel charges will be deposited through Bank Draft / pay order in favour of Bahria University.
- At the time of acceptance for admission in the College, dues will have to be deposited by a non-extendable date. In case of non-payment by the specified date, the

offer of admission will stand cancelled and the seat will be offered to the next candidate placed on the merit waiting list.

- Later on, every year, student has to clear College dues on regular basis and without delay, by a specified date given by the College authorities, through issuing the fee deposit notice which will be within 15 days of start of new session.
- 15 days additional period will be given for deposit of fee along with Rs. 5,000/- on balance amount as late fee. If the dues still remain outstanding even after expiry of this period, Student will be debarred to attend the classes till clearance of his/her dues along with the late fee charges.
- If the dues still remain outstanding, for another two weeks, after debarring the student from class attendance, the admission of the student will be cancelled and for re-admission he/she will have to pay admission fee again along with the balance amount.
- The college will not be held responsible for making up attendance short fall for the period a student is debarred from attending the classes.



Faculty



Faculty

ANATOMY DEPARTMENT

Professor

Dr. Zia Ul Islam
MBBS, M. Phil

Associate Professors

Dr. Ambreen Usmani
MBBS, M. Phil, DCPS-HPE

Dr. Aisha Qamar
MBBS, M. Phil

Assistant Professors

Dr. Sadaf Sadiq
MBBS, MCPS, FCPS

Dr. Yasmeen Mahar
MBBS, M. Phil

Lecturers

Dr. Ayesha Saba Naz
MBBS

Dr. Zehra Akhtar
MBBS

Dr. Quratulain Omaeer
MBBS

Dr. Ambreen Surti
MBBS

Dr. Humera Waqar
MBBS

Dr. Navaid Siddiqui
MBBS

Dr. Naureen Ali
MBBS

Dr. M Shahab Shafi
MBBS

PHYSIOLOGY DEPARTMENT

Professor

Dr. Nighat Rukhsana
MBBS, M. Phil

Associate Professor

Dr. Shazia Shakoor
MBBS, M. Phil

Lecturers

Dr. Rabiya Ali
MBBS

Dr. Fatima Zehra
MBBS

Dr. Sana Akbar Ali
BDS

Dr. Naila Aneel
MBBS

Dr. Hina Moazzam
MBBS

Dr. Rabia Siddiqui
MBBS

Dr. Lala Rukh Munawar
MBBS

Dr. Tamazur H Karim
MBBS

Dr. Saif Ullah Shaikh
MBBS, MSc (Physiology)

BIOCHEMISTRY DEPARTMENT

Professor

Dr. Hasan Ali
MBBS, M. Phil

Faculty

Associate Professors

Dr. Raffat Murad
MBBS, M. Phil

Dr. Zehra Naz
MBBS, M Phil, FCPS, PGD

Assistant Professors

Dr. Sadaf Saleem Uppal
MBBS, M. Phil

Dr. Iffat Ara
B.Sc, M.Sc, PhD

Lecturers

Dr. Sara Saeed
MBBS

Dr. Madiha Soban
MBBS

Dr. Meisha Gul
BDS

PHARMACOLOGY DEPARTMENT

Professor

Dr. Nasim Karim
MBBS, M. Phil, PhD, Post-doc

Associate Professor

Dr. Khalid Mustafa
MBBS, M. Phil

Assistant Professors

Dr. Riffat Farooqui
BDS, M. Phil

Dr. Talea Hoor
MBBS, M. Phil

Dr. Tahira Asad
MBBS, M. Phil

Lecturers

Dr. Farheen Saboor
MBBS

Dr. Mehtab Munir
MBBS

Dr. Muhammad Tanvir Ahmed
MBBS

Dr. Ayesha Khan
MBBS

Dr. Syeda Hafiza Afsheen Nazar
D.Pharm
Demonstrator

Dr. Touseef Sayyar (D.Pharm)
Pharmacist

PATHOLOGY DEPARTMENT

Professors

Dr. M. Mohiuddin Alamgir
MBBS, M. Phil (Histopathology)

Surg. Cdre. Dr M. Jaleel Anwar
MBBS, MCPS, FCPS (Hematology)

Surg. Cdre. Dr M Tahir Khadim
MBBS, FCPS (Histopathology)

Associate Professor

Surg. Capt. Dr. Irfan Ali Mirza
MBBS, MCPS, FCPS-Microbiology

Assistant Professors

Surg. Cdre. Dr. S. Raza Jaffar
MBBS, FCPS-Chemical Pathology

Faculty

Surg. Capt. Dr. Farhan Akhtar
MBBS, FCPS-Histopathology

Dr. Naveed Faraz
MBBS, M. Phil

Dr. Summayya Shawana
MBBS, M. Phil

Surg. Lt. Cdr. Dr. Sajida Shaheen
MBBS, FCPS

Lecturers
Dr. Akbar Waheed
MBBS, MCPS

Dr. Hina Wasti
MBBS

Dr. Sabahat Irfan
MBBS

Dr. Beenish Hussain Noman
MBBS

Dr. Shazia Aziz
MBBS

Dr. Shafaq Sultana
MBBS

Dr. Ghazal Ishtiaq
MBBS

FORENSIC MEDICINE DEPARTMENT

Assistant Professor
Dr. S. Zubair Ahmed Tirmizi
MBBS, DMJ

Lecturers
Dr. Bagh Ali
MBBS, Msc (Med Adm)

Dr. Abdul Waheed
MBBS, M.Sc (Med. Adm)

Dr. Mehr Fatima
MBBS

Dr. Huma Mumtaz
MBBS

COMMUNITY MEDICINE DEPARTMENT

Professor
Dr. Imran Shaikh
MBBS, MPH, FCPS

Assistant Professors
Dr. Zaheen Baig Sajjad
MBBS, M.Sc. (Epidemiology & Biostatistics)

Dr. Abdul Qadir Khokar
MBBS, MPH

Dr. Sabeena Jalal Khan
MBBS, MSc., PhD

Lecturers
Dr. Riaz ul Haq
MBBS, Msc (Med Adm), MPH

Dr. Saeedullah Channa
MBBS

Dr. Dost Muhammad Hulio
MBBS

Dr. Shadman Nasreen
MBBS

Dr. Nadia Khalid
MBBS

Faculty

Dr. Khola Noreen
MBBS
Dr Abdul Shahkoor
MBBS

MEDICINE DEPARTMENT

Professor
Brig (R) Dr. Shaheen Moin
MBBS, FCPS, FRCP

Associate Professors
Dr. Muhammad Sajid Abbas Jaffri
MBBS, MCPS, FCPS

Surg. Cdr. Dr. Muhammad Asif Farooq
MBBS, FCPS

Assistant Professors
Surg. Cdre. Dr. Javaid Iqbal Khattak
MBBS, FCPS

Surg. Cdre. Dr. Javed Iqbal
MBBS, FCPS

Surg. Cdre. Dr. Shahzad Saeed
MBBS, FCPS

Surg. Cdre. Dr. M Shahid Aziz
MBBS, FCPS

Surg. Capt. Dr. Sarfaraz Ali Zahid
MBBS, FCPS

Registrars

Dr. Sumerah Jabeen
MBBS

Dr. Aisha Bibi
MBBS

Dr. Hina Zehra Ashfaq
MBBS

Dr. Madiha Hanif
MBBS

Dr Zara Tul Ain Bashir
MBBS

SURGERY DEPARTMENT

Professors
Dr. Asadullah Khan
MBBS, MCPS, FCPS, FCPS (Hon Bangladesh)
FRCS, FICS-USA

Dr. Anis Hussain Jaffery
MBBS, FCPS

Associate Professors
Surg. Cdre. Dr. M Riaz Akhtar
MBBS, FCPS

Surg. Cdr. Dr. Rehan E Kibria
MBBS, FCPS

Assistant Professors
Surg. Cdre Dr. Saadat Ali Janjua
MBBS, FCPS, FRCS

Surg. Capt. Dr. Ahmed Tashfeen Ashraf
MBBS, FCPS, FCPS (Neurosurgery)

Surg. Capt. Dr. Muhammad Rafiq Zafar
MBBS, FCPS, FCPS (Urology)

Surg. Capt. Dr. Asif Asghar
MBBS, FCPS (Thorasic Surgery)

Surg. Capt. Dr. Zubair Ahmed Khan
MBBS, FCPS, FCPS (Ortho)

Faculty

Surg. Cdr. Dr. Zahid Saeed
MBBS, FCPS

Dr. Nisar Ahmed
MBBS, MCPS, FCPS

Registrars

Dr. Marjana Arbab
MBBS

Dr Syed M. Sibtain
MBBS

GYNAECOLOGY & OBSTETRICS DEPARTMENT

Professors

Dr. Khalida Nasreen Abdullah
MBBS, MCPS, FCPS

Dr. Razia Korejo
MBBS, MCPS, FCPS

Associate Professor

Dr. Rozina Mustafa
MBBS, FCPS

Assistant Professors

Surg. Cdre. Dr. Shehla M. Baqai
MBBS, FCPS

Surg. Cdre Dr. Jahan Ara Rafiq
MBBS, FCPS

Surg. Cdr Dr. Ayisha Raja
MBBS, FCPS

Surg. Cdr Dr. Nusrat Noor
MBBS, FCPS

Registrars

Dr. Rehana Jamil
MBBS

Dr Naila Izhar Kazi
MBBS

Dr. Saba Kanwal
MBBS

Dr Saba Muneer
MBBS

Dr Faiza Majeed
MBBS

Dr Salma
MBBS

EYE (OPHTHALMOLOGY) DEPARTMENT

Professor

Surg. Cdre. Dr. Abdul Majeed Malik
MBBS, FCPS

Assistant Professors

Surg. Cdr Dr. Kashif Ali
MBBS, FCPS

Surg. Cdr Dr Qamar ul Islam
MBBS, FCPS

Surg. Lt. Cdr. Dr. Nauman Ayub Shaikh
MBBS, FCPS

Dr. Sajida Parveen
MBBS, FCPS

Faculty

ENT DEPARTMENT

Professor

Dr. Iqbal Hussain Udaipurwala
MBBS, DLO, FCPS

Assistant Professors

Surg. Cdre. Dr. Amer Sabih Hydri
MBBS, FCPS

Surg. Capt. Dr. Shaukat Hussain PN
MBBS, FCPS

Surg. Capt Dr. Shoaib Ahmed PN
MBBS, FCBS

Surg. Cdr. Dr. Muhammad Shahzad Hanif
MBBS, FCPS

Registrars

Dr. Sana Sadiq
MBBS

Dr Fatima Sadiqui
MBBS

Dr Shamaila Nawaz Khan
MBBS

PAEDIATRICS DEPARTMENT

Professor

Dr. Shakeel Ahmed
MBBS, MCPS, FCPS, MRCPCH

Assistant Professors

Surg. Cdre. Dr. Arshad Mahmood
MBBS, FCPS

Surg. Capt. Dr. Imran Asghar
MBBS, FCPS

Surg. Cdr. Dr. Muhammad Faisal Shafiq
MBBS, FCPS

Registrars

Dr. Sajida Akbar
MBBS

Dr Nadia
MBBS

Dr Rida
MBBS

Dr Kanwal
MBBS

Dr Majid Ali
MBBS

PSYCHIATRY DEPARTMENT

Assistant Professors

Surg. Cdre. Dr. Shahid Rashid
MBBS, FCPS

Surg. Cdr. Dr. Sabih Ahmed
MBBS, FCPS

DERMATOLOGY DEPARTMENT

Assistant Professors

Surg. Cdre. Dr. Ajmal Rashid
MBBS, FCPS

Surg. Capt. Dr. Naveed Akhtar Malik
MBBS, FCPS

Registrar

Dr. Rabia Ghafoor
MBBS

Faculty

ANESTHESIA DEPARTMENT

Associate Professors

Surg. Cdre. Dr. Zahid Akhtar
MBBS, MCPS, FCPS, M.Sc-Pain Medicine

Surg. Cdre. Dr. Muhammad Aneel Aslam
MBBS, FCPS

Assistant Professors

Surg. Cdre. Dr. Naseem Ahmed
MBBS, FCPS

Surg. Cdr. Dr. Maqsood Ahmad
MBBS, FCPS

Surg. Cdr. Dr. Khan Muhammad Yaqub
MBBS, FCPS

RADIOLOGY DEPARTMENT

Assistant Professors

Surg. Capt. Dr. Rahat Shahid
MBBS, FCPS
Surg. Cdr. Dr. Mazhar Shafiq
MBBS, FCPS

Surg. Cdr. Dr. Nisar Ahmed
MBBS, MCPS, FCPS

REHABILITATION MEDICINE

Assistant Professor

Surg. Lt. Cdr. Dr. Farah Mahboob
MBBS, FCPS (Rehab Medicine)

MEDICAL EDUCATION DEPARTMENT

Ms. Nighat Jahan Huda
MS-Education
Join Director

Dental Section

Principal
Professor Dr. Nasreen Amanat
BDS, MSc (London), FDSRCS (Edin.)

Assistant Professor
Dr. Syed Ahmed Omer
BDS, MSc

Lecturers
Dr. Omer Moosani
BDS

Dr. Isra Ahmed
BDS

Oral Biology Department

Senior Lecturer
Dr Nida Siddiqui
BDS, Msc

Lecturers
Dr. Hira Raza
BDS

Dr. Sehrish Ahmed
BDS

Oral Pathology Department

Assistant Professor
Dr. Dawood Mirza
BDS, MSc. (London)

Lecturers
Dr. Syed M Faizan
BDS

Dr. Zahra Karim
BDS

Community & Preventive Department

Assistant Professor
Dr. Kulsoom Fatima Rizvi
BDS, MSc. (London), DDPHRCs (Eng.)

Lecturers
Dr. Sana Mubarak
BDS

Dr. Raima Bashir
BDS

Periodontology Department

Professor
Dr. Mushtaq Ahmed
BDS, MSC

Registrars
Dr. Forzana Sajjad
BDS
Dr. Moona Mumtaz
BDS

Oral Medicine Department

Registrar

Dr Muhammad Aqeel Aslam
BDS

Oral and Maxillofacial Surgery Department

Professor
Prof. Dr. Nasreen Amanat
BDS, Msc. (London), FDSRCS (Edin.)

Registrars
Dr Saad Uddin Siddiqui
BDS

Dr. Asma Hayat Khan
BDS

Operative Dentistry Department

Assistant Professor

Dr. Shama Asghar
BDS, FCPS

Registrars

Dr. Farheen Fatima
BDS

Dr Mahvish Hassan
BDS

Orthodontics Department

Assistant Professor

Dr. Tabassum Ahsan
BDS, FCPS

Registrars

Dr. Rafia Mujahid Zafar
BDS

Dr Umair Majeed
BDS

Dr. Mariam
BDS

Prosthodontics Department

Assistant Professor

Dr. Saman Hakeem
BDS,FCPS

Registrars

Dr. Asim Monpuri
BDS

Dr. Anum Baqar
BDS

ENTRY TEST
BAHRIA UNIVERSITY
MEDICAL & DENTAL COLLEGE, KARACHI
INSTRUCTIONS FOR CANDIDATES
YOU MAY LOSE MARKS IF YOU DO NOT FOLLOW
THE INSTRUCTIONS GIVEN BELOW

1. The entry test will be conducted by NTS from FSc (Pre Medical) course.
2. Write in CAPITAL LETTERS your Name and Seat Number as given in your Admit Card in the allocated column on your Answer Sheet, Question Paper and Rough Work Sheet.
3. Put your Signature on the allocated column on the Answer sheet.
4. All answers must be marked on the answer sheet only. Do not mark any answer on the question paper. Answers marked on the question paper will NOT be considered as attempted questions.
5. All answers must be marked by filling/ shading the appropriate circle with pencil/ball point.
6. The answer sheet is scored by a machine. Please mark your choice by filling in the appropriate circle completely, making it a dark circle as shown below.
7. The machine will record 'zero mark' for improperly filled / dual marked circles.
8. The answer sheet is extremely sensitive, be absolutely sure before marking an answer. If you wish to change an answer, erase it completely and then mark a new answer.
9. Pay attention to the announcements instructions given in the examination center. You will be told when to start and when to stop.
10. Do not spend too much time on one question, you may run short of time for other question.
11. Rough work, if required, may be done only on the blank rough work sheet provided.
12. Calculators or any type of tables are NOT allowed.
13. Do not borrow any article, talk, whisper or turn your eyes or head away from your own papers. Non-compliance with these instructions will disqualify you from the test.
14. Use of 'unfair means' or 'misconduct' during the test will result in cancellation of your paper.
15. You are not allowed to take away any part of the question paper or note question elsewhere.
16. Submit the Original Copy of answer sheet together with question paper and rough work sheet before you leave the examination hall or when asked.
17. Please put your Signature and write your Seat Number at the place indicated below to confirm that you understand the rules given above and that you will abide by them.

FREQUENTLY ASKED QUESTIONS (FAQ's)

Q1. What is the system of education at BUMDC?

Ans. BUMDC has a hybrid type system and both large class format (lectures) and small group class format sessions (small group discussions) are used to deliver information to the students. Scenario based teaching methods are used to create interest among the students about the subject and to broaden their base of knowledge. Moreover problem based learning (PBL) tool is also applied for the self empowerment of the students. Evidence based medicine is the recent tool being used as one of the teaching methods. All the subjects are integrated to have better comprehension of the medical curriculum.

Q2. Is BUMDC recognized by PMDC?

Ans. Yes, BUMDC is recognized by the PMDC. In fact we seek approval from the PMDC before enrollment of students in our medical college.

Q3. How students are facilitated in their education?

Ans. The students are facilitated by the mentoring system throughout their educational process and stay at the BUMDC. There is one mentor for every 10 students. The mentor, a faculty member is responsible to facilitate the student in his/ her academic activities.

Q4. What is the overall marking scheme in each professional year?

Ans. Ten percent (10 %) marks are reserved for internal evaluation and 90% for the professional (annual) examination conducted by the Bahria University. Internal evaluation includes continuous assessment test(CAT), three module examinations test,

problem based learning(PBL), journal, assignments, attendance, objective structured practical examination (OSPE), objective structured clinical examination (OSCE), Viva, field visits, evidence based medicine and behavior of the student at the campus.

Q5. How are student's kept aware of emerging trends in medical education?

Ans. We invite eminent speakers for guest talk lectures from abroad as well as our national experts to create awareness among students regarding current issues of public health, their suggested remedies and emerging trends and innovations in the field of medical education. Besides, symposia and seminars are also conducted to groom our students.

Q6. Is there any age limit for applying for admission to Bahria University Medical &Dental College.

Ans. No.

Q7. Is there any restriction on year of passing to apply in Bahria University Medical &Dental College.

Ans.No, there is no such restriction for applying to Bahria University Medical & Dental College.

Q8. Are there any scholarships available for the medical students?

Ans. At present there are no scholarships offered to the students but scholarship policy is being framed by the headquarter Bahria University for need based students and will be announced in near future.

Q9. Does the college have hostel facility?

Ans. Yes, there is limited hostel facility

available for both boys and girls. The allocation of hostel seat is on first come first serve basis.

Q10. Are the students offered admission on self finance basis?

Ans. No, Admissions are strictly and purely on the basis of merit.

Q11. Can a student apply on an overseas Pakistani seat?

Ans. Only candidates who fulfill the criteria of being an overseas Pakistani can apply for these seats. Details regarding these seats can be obtained from the BUMDC admission office.

Q12. What is the mode of payment of college dues?

Ans. College dues have to be paid annually, in lump sum for a period of one year. All dues must be paid in advance for each year.



BUMDC CAMPUS TOUR COLLEGE BUILDING TRANSPORT FACILITY AND HOSTELS

BASEMENT AREAS



Cafeteria



Library Reading Room



Boys Namaz Area



Boys Common Room



Girls Common Room



Sports Area



Transport Facility



Strict Security Check



Girls Hostel:
Girl in Hostel Dining Room

CAMPUS TOUR

GROUND FLOOR



Rector Bahria University & his BUMDC office



DG Karachi Campus & his BUMDC office



Principal BUMDC in her office



Admission & Students Affair office



BUMDC Auditorium



BUMDC Child Care Centre for Faculty

CAMPUS TOUR

FIRST FLOOR
ANATOMY DEPARTMENT

SECOND FLOOR
PATHOLOGY DEPARTMENT

THIRD FLOOR
PHYSIOLOGY DEPARTMENT AND BIOCHEMISTRY DEPARTMENT

FOURTH FLOOR
PHARMACOLOGY DEPARTMENT AND FORENSIC MEDICINE DEPARTMENT



Editor JBUMDC in her office



Undergraduate Skill Lab



Animal House

FIFTH FLOOR
COMMUNITY HEALTH SCIENCES DEPARTMENT
MEDICAL EDUCATION DEPARTMENT AND EXAMINATION CELL



Workshop in Progress in DME Hall



Examination Cell BUMDC

SIXTH AND SEVENTH FLOOR DENTAL SECTION BUMDC LIFE AT A GLANCE CURRICULAR ACTIVITIES



Inauguration Ceremony: Symposium 2012



Welcome: Symposium 2012



Dean and Principal BUMDC addressing Inaugural Ceremony: Symposium 2012



Rector with Faculty: Symposium 2012



Session in Progress: Symposium 2012



Inauguration of Poster Competition by Rector: Symposium 2012

CAMPUS TOUR



Poster Contestants: Symposium 2012



Judges in Poster Competition: Symposium 2012



Session in Progress: Symposium 2012



Expert Panel in a Session: Symposium 2012



Certificate Distribution: Symposium 2012



Concluding Ceremony: Symposium 2012

CAMPUS TOUR



Session in Progress: Symposium 2013



SPSS Workshop: Symposium 2013



Work Based Assessment Workshop: Symposium 2013



Hands-on Animal Handling Techniques:
Workshop Symposium 2013



Workshop in Pathology Department: Symposium 2013



Registration Desk: Symposium 2013

CAMPUS TOUR



Announcers: Symposium 2013



Announcers: Symposium 2013



Rector Addressing Inauguration Ceremony:
Symposium 2013



Souvenir Presentation to Rector: Symposium 2013



Judges with a Poster Contestant: Symposium 2013



Students in "Poster Gallery": Symposium 2013

EXTRA CURRICULAR



Cricket Match in Progress: 2012



Winning Cricket Team: 2012



Tablo in Fund Raising Ceremony: 2013



Contestants Table Tennis Competition: 2013



Pink Ribbon Day BUMDC: 2013



Table Tennis Match in Progress: 2013

EXTRA CURRICULAR



Winning Girls Cricket Team with Vice Principal
BUMDC: 2013



Winning BUMDC Boys Cricket Team: 2013



Winning BUMDC Cricket Team in the LCMD Host
Ground: 2013



Students with Supervisor for Community
work at Koochi Goth: 2013



Tribute to the Graduating Class: 2013



Farewell to the Graduating Class: 2013

EXTRA CURRICULAR



Farewell to the Graduating Class: 2013



Annual Blood Drive at BUMDC: 2013



Qirat Competition: 2014



Contestant in Qirat Competition: 2014



World Health Day Walk: 2014



Participants of World Health Day Walk at Quaid's Mazar: 2014



Basant night at BUMDC: 2014



Dj night at BUMDC:2014



Dj night at BUMDC: 2014



Blood Donation Camp: 2014



Cricket events: 2014



Cricket events: 2014

BUMDC LANDMARK – CONVOCATION 2014
BAHRIA UNIVERSITY MEDICAL AND DENTAL COLLEGE (BUMDC)
HOLDS 1ST CONVOCATION OF MBBS GRADUATES
BATCH 2008-2013

The First Convocation of the Bahria University Medical & Dental College, Karachi was held on Monday, March 3, 2014 at 10 am to award the MBBS degree to students of the first batch 2008-2013, who were declared successful. The students were awarded Gold and Silver Medals, Certificates and MBBS degree by the President Islamic Republic of Pakistan and the Chancellor Bahria University Mr. Mamnoon Hussain. The Chief of Naval Staff and the Pro Chancellor Bahria University Admiral Asif Sandila NI (M), the Rector Bahria University Vice Admiral (Retd) Shahid Iqbal, HI (M) graced the occasion with their presence.

This auspicious occasion was attended by the Commandar Karachi, Vice Admiral Khawaja Ghazanfar Hussain HI(M), the Pioneer Rector, Vice Admiral (Retd) Mohammad Haroon HI(M), the Pro-Rector of Bahria University Rear Admiral (Retd) Agha Danish HI(M), Senior Naval Officers, Eminent Educationists, Principals of various Medical and Dental Colleges of Karachi, Principals and Chairpersons of affiliated Medical and Dental Colleges of Bahria University, distinguished guests and the graduating students.

The academic procession was led proudly by the Registrar Bahria University, Rear Admiral Dr Mohammad Javeed Khan HI (M) and entered the convocation hall gracefully at 10am. The Naval band enthusiastically beat the tunes of national anthem that was followed by the recitation of verses from the Holy Quran.

The Rector Bahria University, Vice Admiral (Retd) Shahid Iqbal HI (M) in his welcome address said that the universities have great responsibility of producing quality graduates who could contribute positively in various fields. He highlighted that Bahria University Medical and Dental College (BUMDC) has been designed to be a state of the art Medical College with an excellent, well qualified and experienced faculty in all the departments, and the Medical Education department dedicated particularly to quality education and faculty development at BUMDC. He appreciated the entire team, the Dean Health Sciences and the Principal Brig. (Retd) Prof Dr Shaheen Moin and the zealous faculty of Bahria University Medical and Dental College that stands as a testament to this commitment. He also briefed the audience about the institutional tools available for scholastic inquiry, training and research at Bahria Medical and Dental College.

The Rector Bahria University congratulated the students and their parents and wished them a prosperous future. He also expressed pride that students had strived very hard to acquire knowledge and skills at par with international standards. He encouraged the students who wished to pursue their profession abroad to attempt USMLE and other examinations in their final and pre-registration years. He applauded that teaching modalities at BUMDC are designed in such a way that the graduates can be absorbed in all international programs.

On the request of registrar, conferment of

degrees was carried out by the President, Islamic Republic of Pakistan Mr Mamnoon Hussain. Principal BUMDC and Dean Health Sciences Brig. (Retd) Prof. Dr. Shaheen Moin conducted the oath taking ceremony. In total 77 students were awarded the MBBS degree. Dr Samreen Komal was declared the best graduate of the batch with 12 distinctions and received the Gold Medal Award. She secured highest marks in the subjects of Physiology, Forensic Medicine, Ophthalmology, Special Pathology, Medicine, Gynaecology & Obstetrics. Dr Sana Khalid was declared second with 11 distinctions and received the Silver Medal Award. She secured highest marks in the subjects of Anatomy, Biochemistry, Pharmacology, General Pathology and Paediatrics. The other high achievers were Muhammad Faisal Hashmi in Community Medicine, Yumna Khan in ENT, Muhammad Ifraheem Khan and Sanaullah Chaudhry in Surgery.

The President of Pakistan, Mr. Mamnoon Hussain while speaking on the occasion congratulated the students and their parents on their splendid success and said that this degree is only the first milestone of a very long learning roadmap that lies ahead of the graduates. He said that illiteracy is the greatest hindrance to our country's prosperity and economic growth. He appreciated Pakistan Navy for striving to win the war against illiteracy, beside defending and safeguarding the sea frontiers of the country. He assured the audience that the Government of Pakistan is determined to

improve medical education and health care facilities in Pakistan. The President received a silver souvenir with the insigna and logo of BUMDC by the Chief of Naval Staff Admiral Mohammad Asif Sandilani (M).

The Signing out ceremony marked the end of the convocation day. Each graduate in the presence of the parents/guardian signed out the register which he/she had signed in at the beginning of the MBBS in BUMDC.

The Convocation Ceremony set a high standard of dignity and grace which, it is hoped will improve even more in future.



BUMDC: Standing with Pride



Elegant Floral Pattern: Highlighting the Stage



Registrar Bahria University:
leading the Procession



Faculty: in the Convocation Procession



Chancellor, Pro-Chancellor, Rector, Registrar,
Principal BUMDC:
Standing in Honor of National Anthem



Eminent Guests & Faculty: In the Convocation



Principal BUMDC:
Taking Oath from Graduates



Graduates: Taking Oath



Dr. Samreen Komal:
Receiving Gold Medal from the President



Dr. Sana Khalid:
Receiving Silver Medal from the President



The President:
Addressing the Convocation



The President Receiving Souvenir from the
Chief of Naval Staff



Medal & Certificate Winners: With the Chancellor Pro-Chancellor, Rector, Registrar and Principal BUMDC



The President: Writing views in the Visitor's Book



The President & The Chief of the Naval Staff: Cake Cutting Ceremony



Passed Out Graduates with the Principal BUMDC



Graduates joyfully raising the caps



Graduate at the Signing Out Ceremony

JBUMDC-STUDENT`S CORNER

The Journal of Bahria University Medical and Dental College abbreviated as JBUMDC is a peer reviewed biannual, multidisciplinary biomedical journal of basic and clinical health sciences. The Journal encompasses manuscripts from all fields of biomedical sciences in the form of Editorial (Invited), Original Article, Review Article, Article on Medical Education, Short Communication, Commentary, Case report and Letter to editor. Undergraduate students are highly encouraged to contribute their undertaken projects for "Student`s Corner" At BUMDC it is mandatory for the medical students to convert their assigned projects into original papers and contribute at least one manuscript during their undergraduate period to JBUMDC. This provides a reliable platform to these young researchers to groom themselves professionally by

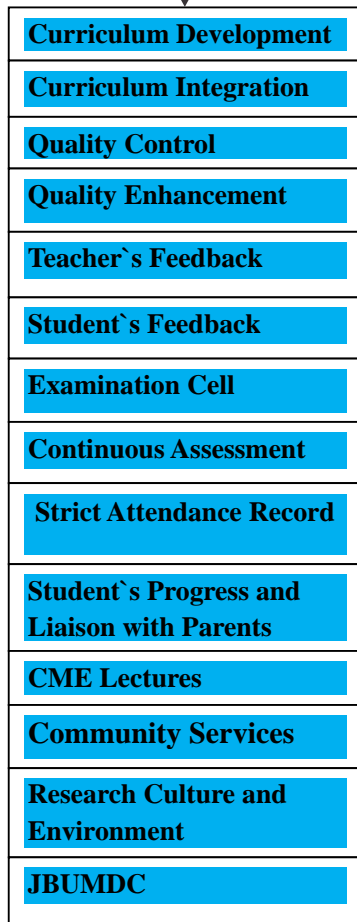
publishing their scientific research work with the facilitation and guidance of their esteemed teachers. This also adds credits to student`s portfolio and facilitate them in their future carrier build up both in Pakistan and abroad .

BUMDC - PROGRAMS UNDER PROCESS

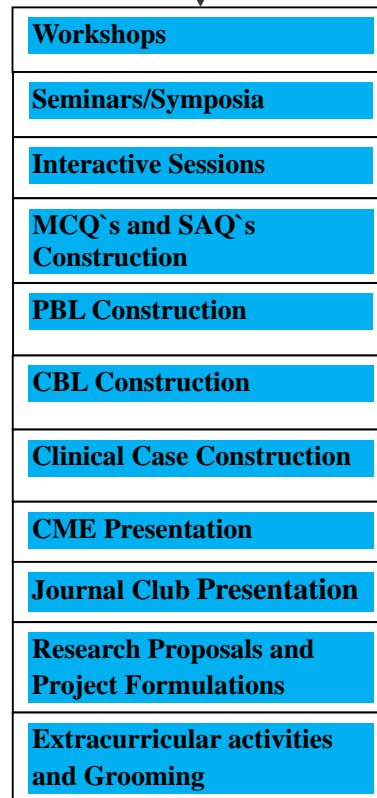
- a. Multidisciplinary Laboratory (MDL) For Facilitation of Faculty Research and
- b. Post-Graduate Research.
- c. Animal Facility and Laboratory Animals
- d. MPhil in Basic Medical Sciences Subjects
- e. PhD in Basic Medical Sciences Subjects
- f. On-Campus Student Hostel Facility

BUMDC – PROFILE FLOW CHART

A) BUMDC INSTITUTIONAL ACTIVITIES



B) BUMDC FACULTY DEVELOPMENT



C) BUMDC STUDENTS' CURRICULAR LEARNING EXPERIENCES

- Interactive Lectures**
- Tutorials**
- Small Group Discussions**
- Problem Based Learning**
- Case Based Learning**
- Clinical Case Presentation**
- Demonstrations**
- Practicals**
- OSPE**
- OSCE**
- Clinical Rotations**
- Computer Skills**
- Clinical Skill Laboratory**
- Library E-Books**
- Self Study**
- Academic Competitions**
- Seminars/ Symposia**
- Research Projects**
- Student's Corner JBUMDC**
- National and International Liaisons**

D) BUMDC STUDENTS' EXTRA-CURRICULAR LEARNING EXPERIENCES

- Sports Club**
- Debate Club**
- Declamation Club**
- Quiz Club**
- Poster Club**
- Drawing Club**
- Painting Club**
- IT and Media Club**
- Photography**
- Music Club**
- Research Club**
- Culture Festivities Club**
- Drama Club**
- Magazine Club**
- Poetry Club**
- Welfare Club**



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