

Praise be to Allah who taught man what he did not know and guided His servants through knowledge to the path of piety and obedience to Him. He Himself says in the Holy Book: Only those of his servants who are endowed with knowledge truly fear Allah. (35:28). And Allah's peace and blessing be upon Prophet Muhammad who taught humanity all things good, and guided it to



H. H. Shaikh Khalifa Bin Zayed Al Nahyan
President of the United Arab Emirates



H. H. General Shaikh Mohammad Bin Rashid Al Maktoum
Vice President and Prime Minister of the
United Arab Emirates and Ruler of Dubai



H. H. Shaikh Hamdan Bin Mohammed Al Maktoum
Crown Prince of Dubai

Disclaimer: all information in this catalogue is accurate at the time of publishing this catalogue. University reserves the right to change any information without prior notice. However, all changes will be widely disseminated to all students and staff. Students and staff are responsible for adherence to the latest policies.

Table of Contents

Chairman's Perspective	5
Why choose DMU	7
About the University	8
• DMU Vision	8
• DMU Mission.....	8
• Colleges in University.....	8
• Programs in University.....	8
History of DMU	9
• Milestones achieved by Dubai Medical College and Dubai Pharmacy College:.....	10
Programs' Specifications	12
ACCREDITATION & LICENSURE	13
Organization Chart	14
University Campus	15
• Teaching Facilities	15
• Technological Resources:.....	17
• Student Support Facilities	18
• DHA Facilities	19
• Contractual Relationships for clinical training	19
Life on Campus (Student Services)	20
• Student Advising Services:	20
• Student Counselling Services	21
• Student Career Planning Services	21
• Arrangements for Hospital Training.....	22
• STUDENT UNION	22
Students rights and Responsibilities	26
• Students' rights and responsibilities	26
• CODE OF CONDUCT.....	28
Admission Requirements:	32
Tuition fee:	41
• Refund Policy of Tuition Fees.....	42
• Mode of payment:	42
Academic and Assessment Policies of MBBCh:	43
1) Program Learning Outcomes.....	43
2) Teaching Plan	44
3) Course Description	47

4) Grading Scheme	54
5) Academic Progress	54
6) Faculty for MBBCH	56
Academic and Assessment Policies of B.Pharm:.....	61
1) Program Learning outcomes	61
2) Teaching Plan	62
3) Course Description:	65
4) Grading Scheme	73
5) Academic Progress	75
6) FACULTY for B.Pharm	77
Academic and Assessment Policies of M.Pharm Clinical Pharmacy.....	81
1) Program Learning outcomes	81
2) Teaching Plan	82
3) Course Description	83
4) Grading Scheme	86
5) Academic Progress	87
6) Faculty for MPharm (Clinical Pharmacy)	88
Academic and Assessment Policies of M.Pharm PPD	89
1) Program Learning Outcomes:.....	89
2) Teaching Plan	91
3) Course Description	93
4) Grading Scheme	95
5) Academic Progress	96
6) Faculty for MPharm (Pharmaceutical Product Development)	97
Academic and assessment policies of MSc in Addiction Science	98
1) Program Learning Outcomes.....	98
2) Teaching Plan	100
3) Course Description	102
4) Grading Scheme	106
5) Academic Progress	106
6) FACULTY for MSc in Addiction Science.....	107

Chairman's Perspective

During the early 1980s, it became clear to me that our rising society deserves more than what it had achieved then. Many alternative ideas on how to make my society happier and more prosperous were shuffling in my mind until Allah "Subhanahu Wa Taala" guided me into the very much needed health care education, especially among the women part of our society. The hard work started and expertise were recruited from other countries who would be able to help with ideas, expertise, knowledge and above all be able to work in harmony with our beautiful and civilized culture. The blessing of Allah came clear in 1986 with the establishment of Dubai Medical College for Girls (DMCG): the first medical college for girls in the UAE. The candidate girls were carefully picked from among the best in the UAE and the Gulf and were given the great opportunity of learning and studying medical sciences as taught by international experts from different parts of the world. The graduates blossomed everywhere they worked and proved their excellent knowledge, skills and attitudes in international post-graduate exams.

This success encouraged me to further expand the fruitful experience into the establishment of Dubai Pharmacy College for Girls (DPCG) in 1991. The success story has been repeated and now the twin colleges are collaborating and enforcing the efforts of each other. The graduates are blossoming all over the UAE, the Gulf, and the rest of the world.

However, my ambitions are never satisfied in front of my desire to positively contribute into the wellbeing of my society. The need for a preventative family health and social care providers who would be able to carry the battle against illness, and for health and social care to the society at large, outside the classical health care organizations, appears clear to me. The third sister for DMCG and DPCG became clear in my mind as the Family Health College (FHC) and started to take

precedence in my efforts. I am currently working for that and am determined to beat all the obstacles. At the same time, I can see that the new college (FHC) can benefit from the older more established colleges (DMC and DPC) who have developed the expertise and the scientific/ academic might over decades. A unifying academic organization in the form of Dubai Medical University (DMU) becomes the rationale step forwards to ensure the prosperity and success of the new college (FHC) and continued excellent performance of the older faculties (DMC and DPC). Once the University is established the momentum will go on to add other well-needed colleges like the Nursing College, Rehabilitation College and Biomedical Science College, just to name a few. The progress of DMU will continue to serve the blessed communities of Dubai, UAE, the Gulf and Man-kind at large.

Why choose DMU

1. All degree programs accredited by UAE Ministry of Education
2. Multi-cultural Student body
3. Not for profit
4. Low student-faculty ratio
5. Multicultural faculty
6. Teaching methodology is student-centered
7. Respects the culture and ambitions of UAE
8. Very homely environment in hostel

About the University

DMU Vision

*“To advance health and well-being of community through accredited programs which produce competent professionals while promoting a learning environment that fosters innovation, leadership, continued professional development and quality assurance, making DMU one of the leading universities **in the world**”.*

DMU Mission

*“DMU is committed to providing accredited healthcare educational programs at undergraduate and graduate levels **to serve the profession, scientific community and public.** This will be achieved through a learning environment that fosters Islamic values and promotes research and academic excellence”.*

Colleges in University

Dubai Medical College (since 1986)
Dubai Pharmacy College (since 1992)
Family Health College (under process)

Programs in University

MBBCh
B. Pharm
M. Pharm in Clinical Pharmacy
M. Pharm in Pharmaceutical Product Development
MSc in Addiction Science (initial accreditation granted, will be opened soon)
Bachelor in Family Health (application for initial accreditation is planned for February 2019)

History of DMU

Founder and Chairman **Haji Saeed Ahmed Al Lootah** is famous for his diverse and successful philanthropic ventures, non-profit educational institutions, entrepreneurship, veracity as well as its profound dedication to corporate citizenship and sustainable development. His success spans across key business sectors from construction, real estate and energy conservation, to financial services, applied research, ICT, education, hospitality, media and healthcare.

With the enduring values of education, cooperation and economy which set the foundations of his work, Dubai Medical College was established in 1986 as the first private medical college for girls in the region. The mission of the founder, Haj Saeed Lootah was to set up the medical college for girls in the UAE as there was a need for developing lady doctors.

As a continuation of his vision for educational services, Dubai Pharmacy College (awarding B.Pharm) was established 1992. The founding mission was again rooted to the needs of the national and international needs for pharmaceutical professionals.

The mission statements of both colleges were to make medical and pharmaceutical education locally accessible and to help develop the country by contributing skilled women physicians and pharmacists.

In 2013 Dubai Pharmacy College for Girls(DPC) broadned its educational programs by starting Masters porgram. DPC got initial accreditation from the *Ministry of Higher Education and Scientific Research*, UAE;for Masters Program with two specializations:

- Clinical Pharmacy
- Pharmaceutical Product Development

In 2019, Haj Saeed's vision to expand undergraduate and post graduate program at the colleges led to unification of the two colleges into a University, named Dubai Medical University.

Dubai Medical University is proud to promote Sheikh Mohammed bin Rashid Al Maktoum's vision for healthcare.

"Naturally, health is the most valuable thing one can possess; without good health, a person suffers, as does his family and, ultimately, the economy. Therefore, the growth and development of any successful economy depends heavily on the health of its citizens."

His Highness Sheikh Mohammed bin Rashid Al Maktoum

Milestones achieved by Dubai Medical College and Dubai Pharmacy College:

- 1986** The first DMC students begin classes.
- 1987** H.H. Sheikh Hamdan bin Rashid Al Maktoum, Deputy Ruler of Dubai and Minister of Finance and Industry, Government of UAE, formally inaugurates the College.
- 1989** DMC signs two agreements of scientific co-operation one with the University of Leicester, United Kingdom and one with the Cairo University of Egypt.
- 1991** Sheikh Mohammed bin Rashid Al-Maktoum, Crown Prince of Dubai & UAE Minister of Defense, graces the first DMC graduation ceremony.
- 1992** The first batch of 27 students was enrolled to the Degree of Bachelor of Pharmacy (BPharm) program in Dubai Pharmacy College.
- 1992** An evaluation team from Michigan State University, U.S.A., is sent to assess DMC by the Ministry of Higher Education and Scientific Research of UAE. The team approves of DMC and recommends that the College be granted accreditation.
- 1994** The Ministry of Higher Education and Scientific Research of UAE grants licensure to DMC's Degree of Bachelor of Medicine and Bachelor of Surgery (M.B.B. Ch).
- 1995** The General Medical Council of Great Britain grants recognition to the MBBS degree awarded by DMC.
- In 1995, a tie-up with the DPC with Dubai Hospitals Authority (DHA) and Global Pharma gave DPC students the opportunity to participate in educational internship programs.
- 1996** DMC receives accreditation by the Ministry for Higher Education and Scientific Research with the recommendation of Michigan State University's evaluating team. This accreditation represents worldwide recognition.
- 1998**, the Bachelor's received full accreditation from the Commission of Academic Accreditation (CAA), Ministry of Higher Education and Scientific Research (MoHSR), UAE. This recognition represents worldwide recognition.
- 2000** The World Health Organization lists DMC in the March 2000 (7th) edition of the World Directory of Medical Schools as a recognized and accredited medical school.
- 2004** A Memorandum of Understanding is signed between the DHA and DMC for the integration of DMC.
- 2004** The Sheikh Hamdan Award for distinguished contribution to medical science is awarded to Haj Saeed Bin Ahmed Al Lootah, for founding Dubai Medical College.
- In 2004, First educational institution to be awarded the Dubai Quality Appreciation Program (DQAP), is awarded to Dubai Pharmacy College, a testament to the College's excellence.
- 2005** First Medical Education Symposium is conducted by DMC.

- 2006** DMC wins the Dubai Quality Appreciation Program (DQAP).
- 2008** DMC signs agreement with AIIMS, New Delhi for summer training program
- 2008: DPC signs MoU with SEHA - **Abu Dhabi Health Services** for clinical pharmacy hands on experience.
- 2009** DMC makes UAE the first country to join the FAIMER network
- 2010** DMC wins the DEWA award
- 2011** Silver jubilee celebrations are graced by H.H. Sheikh Mohammed bin Rashid Al-Maktoum, Vice President of UAE and Ruler of Dubai
- 2011** DMC wins World Education Asia award
- 2011** Haj Saeed Bin Ahmed Al Lootah wins 'Head of State Merit Award' from H.H. Shaikh Khalifa Bin Zayed Al Nahyan, President of the UAE on 40th National Day of UAE, for his role played in building the nation.
- 2011** DMC participates in the WHO EMRO regional consultation for framing regional standards for medical education
- 2011** Dubai Medical College Wins World Education Congress Asia award - Best Educational Institute in Healthcare
- 2012** DMC wins the Dubai Quality Award (DQA) in recognition of its drive for excellence and it's the first Higher Education Institute to be awarded for its quality standards.
- 2012** Mohammed Bin Rashid Al Maktoum Business Award 2011 (MRM) - Best Performance in Service Category.
- In **2013** was a proud moment in the history of the DPC as they got initial accreditation from the CAA, for the Master of Pharmacy programs with two specializations in, Clinical Pharmacy and Pharmacy Practice, Pharmaceutical Product Development
- In 2014, DPC was honored the GCC Pharma Outstanding Education Award in the GCC Pharmaceutical Congress to be among the top 5 institutions in pharmacy education.
- 2016** Haj Saeed Bin Ahmed Al Lootah wins as 'the Educational Personality of the Year' from Khalifa Award for Education.

Programs' Specifications

Courses offered	M. B. B. Ch.	B.Pharm	M.Pharm	M.Pharm	MSc/PGD
Degree Title	Bachelor of Medicine and Surgery	Bachelor of Pharmacy	Master of Pharmacy with specialization in Clinical Pharmacy	Master of Pharmacy with specialization in Pharmaceutical Product Development	Master of Science/PG diploma in Addiction Science
Type and Minimum Duration	Full-time, 6 years program	Full time, Four academic years	Weekend study, Two academic years	Weekend study, Two academic years	Weekend study, Two academic years for MSc and one academic year for PGD
Academic year	Late-August to Mid-July	Late-August to Mid-July	Late-August to Mid-July	Late-August to Mid-July	Not yet started

ACCREDITATION & LICENSURE

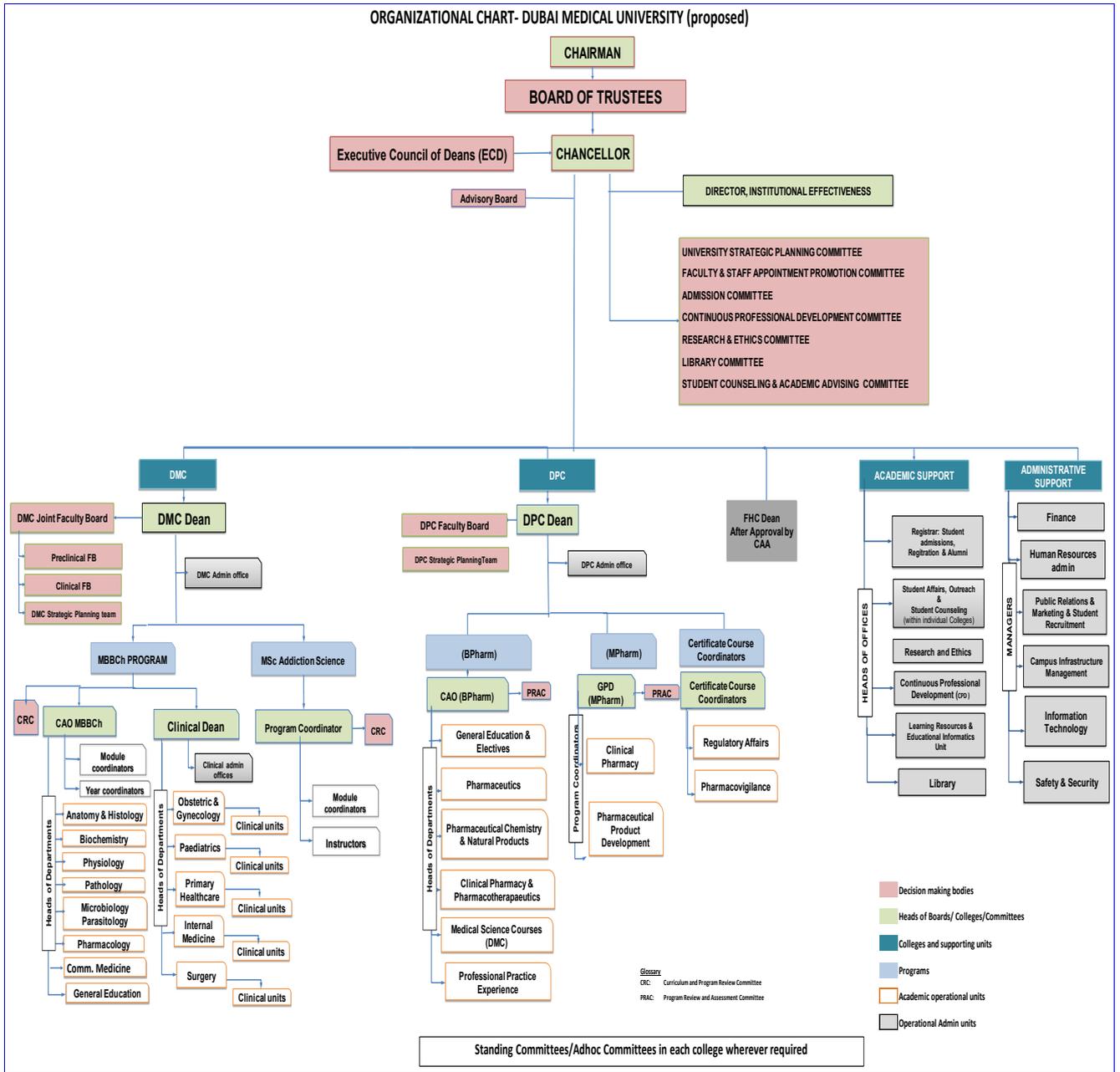
“Dubai Medical College, located in the Emirate of Dubai, is officially licensed from 27th April 2015 to 31st Dec 2018 by the Ministry of Higher Education and Scientific Research of the United Arab Emirates to award degrees/qualifications in higher education.”

Dubai Pharmacy College for Girls is officially licensed to award following degrees:

- I. Bachelor of Pharmacy (accredited by Commission for Academic Accreditation (CAA), Ministry of Education – Higher Education Affairs, UAE.
- II. Master of Pharmacy* with specialization in
 -  Clinical Pharmacy
 -  Pharmaceutical Product Development

*Initial Accreditation awarded for the Masters of Pharmacy program

Organization Chart



Teaching Facilities

The following facilities are available at the College:

Lecture Halls

There are 10 lecture halls all of which are duly equipped with state of the art audio-visual aids and wireless network access.

Laboratories

We have following state-of-the-art laboratories for our students.

a. Biochemistry Laboratory:

This facility is equipped with:

- Equipment for training on laboratory diagnostics such as balances, centrifuge machines, ovens, water baths, a pH meter, a thermal cyclor, an electrophoresis, a UV camera, spectrophotometers and so forth.
- Reagents, chemicals, glassware and pipettes necessary for biochemical and molecular tests and experiments.

b. Histopathology Laboratory:

This facility is equipped with par-focal, illuminated, binocular microscopes for each student, binocular teaching microscopes and explanatory slides on various body systems for the study of diseases. Microtome has also been made available for the preparation of slides.

c. College Museum:

This facility is equipped with gross specimens of different organs.

d. Anatomy laboratory

This facility is equipped with cadavers preserved in formalin in addition to plastinated organs, plastinated sections, plastic models, human bones, skeletons, X-rays, CT scans & MRI's and interactive audiovisual aids.

e. Histology Laboratory

This is another laboratory which is equipped with par-focal, illuminated, binocular microscopes for each student, accompanied by explanatory slide packages.

f. Physiology Laboratory:

This facility is equipped with state of the art teaching facilities like Power Lab software, a Bio Pack System, ECG apparatus, Stethoscopes, Haemocytometer, Respirometer, Sphygmomanometer, Oscillograph, Westergreen tubes, Korr system, cardiac monitor, Life form with speaker, Coagulometer, Snellen chart, Treadmills, Ishihara chart and Kymographs.

g. Pharmacology Laboratory

This facility is equipped with power lab and PCCAL companion software. The lab is also equipped with an electrical pressure calibrator, a dbl tissue bath set, a mammalian heart perfusion isolator and hot plates.

h. Microbiology and Parasitology Laboratory

This facility is equipped with sterilization devices, incubators, ovens, centrifuges, microbe culturing plates, culturing media, light microscopes, explanatory slides and videos for practical sessions.

i. Molecular Biology Laboratory

This facility is well equipped to conduct tests like PCR, ELISA, and Western Blot.

j. Pharmaceutics laboratory

k. Pharmaceutical Analysis and Natural Products Laboratory

l. Pharmaceutical Chemistry-1 Laboratory

m. Cell Culture Laboratory

n. Pharmaceutical Chemistry-2 Laboratory

o. Pharmacy practice Laboratory

Library

The preclinical library is equipped with a reasonable collection of medical textbooks, journals, periodicals and internationally peer-reviewed literature. Wireless access and computerized literature search facilities are also provided. An attached study room is available for students wishing to study on campus.

The learning and assessment center

This center is equipped with 80 computers and projection facilities, where computerized examinations are conducted. This center is also the venue for conducting elective project presentations, interactive learning and clinical skills training.

DRUG INFORMATION CENTER (DIC)

The Drug Information Center has been established along with Model Pharmacy in the College to acquaint the students with the role of DIC for answering questions of health care team and also to acquaint them with the needs required to initiate self-community pharmacy or hospital pharmacy DIC. It also provides information to students on pharmaceutical or medical topics which help them to write projects, essays, review articles for seminars and research.

The DIC of the College has thirty-three computers, internet, primary literature, CD-ROMS and also reference books like USPDI, Martindale, PDR and Internal Medicine, and BNF.

Technological Resources:

The college provides the students with the LMS (Learning management system) to facilitate learning. The LMS is a software application for the administration, documentation, tracking, reporting and delivery of electronic educational (also called e-learning) courses materials or other training programs.

You will be provided with a unique username and password which will allow you to login to the system. On the system you can do the following:

1. You can read the news of your university, college or new specific update for a certain course
2. You can read course material and download it
3. You can respond to assignments or quizzes and upload your response
4. You can see your total grade or grades of specific exam
5. You can raise your voice and speak your opinion or exchange comments on discussion forum
General or specific to each course
6. You will sit for mid semester, semester or final exam on the system
7. You may be requested to complete surveys on the system
8. You can see on the calendar all important events in your college and deadlines of different activities.
9. Your instructor may build a survey to take your opinion and record it on the system.
10. You can keep some of your files, notes in a special locker which can be seen by you only to use it later on.

You can also send email to instructor and paste your photo in your profile and much more. When you need to know how to maximize the use of LMS you can go to the section of “@D2I friend of students” to find material, video, documents and tutorials on how to use our LMS.

Student Support Facilities

1. MOSQUES

The College has mosques inside its campus for faculty, staff and female students which sustains the Islamic atmosphere in the College.

2. Transportation

Daily transportation facilities are available for close destinations. Every weekend (Thursday) buses take students staying at the hostel back to their homes in Abu Dhabi, Fujairah, Ras Al Khaimah and Al Ain and bring them back to the College on the next working day.

3. Student Lounge

A plush resting area located around the round hall allows students to rest and relax during their intervals.

4. Other services

The College provides a study room, mosque, a mini-mart and a dining hall.

5. Hostel Facilities

Hostel facilities include boarding rooms, study rooms, a restaurant and a mosque. The cozy single and double boarding rooms are furnished with all basic amenities. The hostel facility is provided to all external and UAE candidates, except those belonging to Dubai, Sharjah, and Ajman. All relevant information for those interested in boarding is included in the application form.

6. Recreational Facilities

It is our desire to help students develop coordination and self-confidence. Our international fitness centre is located beside the campus of DMC and offers recreational services at a reduced rate. Amenities include a gymnasium; equipped with various exercise machines, table tennis, and a swimming pool. Professional instructors are also available for personal training.

DHA Facilities

Comprehensive, advanced and up-to-date teaching facilities are provided for our students by the Department of Health and Medical Services (DOHMS). They include wards for patients, clinics, health centers, operation theatres, laboratories, and diagnostic facilities (such as X-ray, CT-Scans, Nuclear Medicine).

There are three lecture theatres available at the Dubai Health Authority; one at Dubai Hospital and one at Latifa Hospital, each with a seating capacity of 100 people, and another at the Rashid Hospital campus with a seating capacity of 500. All three theatres are fully equipped.

The DHA has an extensive library service which is divided into:

- A) The main library which is in the same building as the clinical faculty on the Rashid hospital campus
- B) Satellite libraries at all the hospitals and clinics belonging to the DHA

Contractual Relationships for clinical training

From the first batch of DMC onwards the clinical training has been in the DHA hospitals. The members of Dubai Medical College and Dubai Health Authority form the Executive Board which runs the educational activities. Based on an agreement between Dubai Medical College and Dubai Health Authority, basic sciences are taught in the Muhaisnah campus and the clinical clerkship is conducted in the DHA hospitals.

Dubai Medical College and Moor Fields Eye Hospital Dubai (Moor fields) have agreed to collaborate in providing undergraduate students with training in Ophthalmology in accordance with the curriculum accredited for undergraduate medical education by the General Medical Council, UK.

An MOU was signed between DMC and DHCC KHMSC for student training in the Simulation Lab. The training session's faculty members were completed.

LIFE ON CAMPUS (STUDENT SERVICES)

Student Advising Services:

6-8 students are allotted per faculty member for academic advising. The faculty member serves to establish good rapport with students. A rota is prepared by the chief academic officer for spending break time and office hours with the students. In addition, the faculty member arranges regular meetings and prepares report which is submitted to the chief academic officer.

All fulltime faculty members may be mentors in case of the preclinical phase. The team being mentored by the particular faculty member hold regular meetings. These groups are envisaged to be focus groups for obtaining student perception regarding key processes in the college.

► Topics of discussion:

- Psychological support & counseling
- Personal or academic or health matters.
- Grievances of students.
- Stress Management.
- Attendance- absences and excuses.
- Performance in exams and class assessments.
- Seminar preparation.

The report about all the members of the team is prepared by the mentor and submitted to the Dean every semester. If it is seen that there is a sudden deterioration in the performance of a student, a special report is requested from the mentor concerned. This report is placed before the Faculty Board for implementation of suggested corrective action. Intimation to the parents and psychological advice may be recommended.

Advisee Role and Responsibilities

Students carry out portion of responsibility in the advising process. In the interest of successfully completing degree program, the student must be proactive in finding the necessary resources needed for attaining the degree. In order to contribute in an effective advising relationship, students are expected to:

1. Attend advising sessions. Advising sessions maybe conducted via email, telephone or one on – one, depending on the faculty advisor.
2. Clarify personal values, abilities, interests and goals.
3. Become knowledgeable of all graduation requirements and adhere to institutional policies, procedures, and deadlines.

4. Prepare for each advising session and follow through on actions identified during each advising session.
5. Become familiar with and successfully utilize campus resources.

Student Counselling Services

If a student requires counseling regarding personal, social or psychological problems, she is referred to a student counsellor, who is appointed on a part-time basis. The counsellor provides mental health and personal counseling. The counsellor is a qualified psychology graduate with at least 2 years of prior experience in counseling students in a professional course.

The counsellor will be available in the college three days per week. The students may be referred to the counsellor, by their advisors or they may drop by the office to discuss their issues. The counsellor provides a report on her activities every semester. In case of urgent referrals, the students may be sent to the Rashid Hospital Psychiatry department for management.

Student Career Planning Services

Career Planning Committee will be performed, under the name of Career Guidance Cell which is formed by staff members and student representatives in addition to External Guide.

Objectives:

- a. Awareness of opportunities
- b. Prepare for it.
- c. Market the college
- d. Link with other universities
- e. Counselling for postgraduate studies.

Career Planning lectures are conducted during the internship year where students are encouraged to determine their overall goals and objectives and to develop a strategy and define the specific means to implement the strategy actively. In addition, students are reminded continuously to update their portfolios as well as pursue other equivalent licensing exams at the time of their medical school finals.

Arrangements for Hospital Training

Security arrangements

As security arrangement for hospitals, students are provided entry badges to enter all hospitals and primary health centers.

Rashid Library

Students are provided username and passwords to access all the literature in Rashid Library by internet.

Vaccination services

Students are provided vaccination services at entry level to the hospital from the Dubai Specialized center.

Infection control training (or health education)

Safety precautions and infection control is provided among other introductory lecture series topics during the first 6 weeks of the clinical year. Patient safety is provided by an expert according to WHO guidelines. Other related topics which are covered are medical ethics, health informatics, Epidemiology and communication skills. Infection control is also covered by an infection control person during the same period of time as well as during infectious disease topic lecture series.

STUDENT UNION

1. DMC student Union is composed of the President and vice-president of the Union, General Secretary, Assistant General Secretary, and the Secretaries of the Union Committees of the Dubai Medical College for Girls, elected through a free and secret vote by the students.

The Union shall be composed of the following:

- a. Union President.
- b. Union Vice-President.
- c. Union General Secretary.
- d. Union Assistant General Secretary.
- e. Events Coordinator

- f. Secretaries of the Union Committees. Union Committees are: (i) Educational Trips Committee, (ii) Religious and (iii) Scientific Committee, and (iii) Arts and Media Committee. Each Committee shall have a head to be elected to the position by the students the Dubai Medical College for Girls.
2. The Union shall meet at least six times in a year on the invitation of the Union President, in coordination with the Union General Secretary, or on the request of two thirds of its members.
3. It shall discuss the items on the agenda of the meeting and issue its recommendations and resolutions.
4. It shall monitor the implementation of its earlier resolutions, in each meeting.
5. It shall decide about the allocation of funds about the activities of the Union and send its recommendations to the Management of the two Colleges for necessary Provision.
6. Student Union shall provide semester wise reports and suggestions regarding curriculum, extracurricular needs and infrastructure.

Function of student union committee

1. Providing management inputs to the college

- a. Provide inputs for review of the strategic plan of the college.
- b. Feedback regarding review of mission and vision of the college.
- c. Provide feedback of the students regarding areas of improvement.

2. Coordination of student activities

This is coordinated by the Events Coordinator

- a. To propose trips, functions and special occasions the students want to undertake or hold.
- b. To coordinate and organize the introduction meets on the commencement of the New Year for the new students in the College.
- c. To organize educational and recreational trips on an average of at least one in each term outside the Emirate of Dubai, and one in each term inside Dubai.
- d. To organize the graduation ceremony in cooperation with the graduates.
- e. To arrange the end-of-the year function.

3. Conduct student activities

It is the responsibility of the religious, scientific and Arts & media committees to propose and organize student activities relevant to each.

- a) To propose and hold religious, educational and cultural contests in coordination with the students of the Dubai Medical College.
- b) To prepare religious, cultural and educational wall newspapers.

- c) To propose and organize Islamic, educational and cultural talks.
- d) To organize art competitions on subjects decided by the Union.
- e) To publish informative hand-outs for creating consciousness about healthcare and the safety of environment.
- f) To contribute to wall newspapers and cultural magazines highlighting information and news about the College.
- g) To highlight information about the College activities through various newspapers, magazines and other means of mass communication.

Student Union Elections

1. The College Administration shall issue a notification for the constitution of an Election Committee for the Students Union within a maximum of two weeks' time from the start of studies.
2. The Committee shall organize free and secret elections for choosing the Union and all its office-bearers, namely (i) The President, (ii) The Vice-President, (iii) The General Secretary, (iv) The Assistant General Secretary, and (v) Secretary for each one of the Union Committees.
3. Each student enrolled in the College shall be entitled to contest for any one of the offices of the Union.
4. Counting of votes and the invalid votes shall be rejected.
5. Election results shall be announced by the Election Committee on the same day.
6. A candidate may be elected to any office unopposed.
7. The term of office for the Union of both – The Dubai Pharmacy College and the Dubai Medical College for Girls shall be one academic year.

For more details on **Tasks and Functions of the Members of Students' Union in the Student Union Manual**

Events organized by Student Union

All events organized by the Student Union are bound by the following regulations

- Detailed proposal of the event should be discussed in student union meeting
- Approved by the student union president
- Approved by the Dean
- Copies to be send to:
 - o Program Delivery Committee
 - o Events coordinator of DMC (Ms. Sumaiya)
 - o Student Affairs

- Cafeteria
- Reports should be submitted to the administration immediately after the event.
- Events should follow events calendar / academic calendar
- For Outdoor activities staff invitations should be 3 days before the activity
- Students should follow the rules of the college & college dress code in all indoor & outdoor activities
- Student union will be responsible for breaking the above regulations

Regulations related to Student publications:

All publications from the students are expected to be part of activities of the Student Union. Any student who wants to publish or initiate a media activity, she has to take explicit permission from the Executive Deans' Council and or chancellor. Publications under the scope of this regulation may be newsletters, e-newsletters, journals, magazines, notice board publications and other external and internal media communications.

Publications by the Student Union

Any publication in the media prepared and run by the student union are bound by the following regulations.

- Proposal should be discussed in student union meeting.
- Contents should include Input coming from all members.
- Proposal should be approved by the student union president
- Proposal should be approved by the **Executive Council of Dean's** and Chancellor.
- Proposal & content will be reviewed by the students' affairs prior to publication

Students rights and Responsibilities

Students' rights and responsibilities

All students enrolled at DMC have a right to student-centred education, research and services in an environment free from threat, harassment and discrimination. They are responsible for ensuring that the institutional culture and their individual behaviour reflect the college values and regulations. Students are expected to positively contribute to the institution by maintaining high standards of integrity and academic honesty.

Rights

All Students enrolled at Dubai Medical College shall have the following rights:

1. Obtaining medical education and benefit by the advanced educational programs in a conducive educational environment.
 - i. Attending theoretical and practical lessons and, while doing so, participating in purposeful academic and educational discussions, in a manner directed by the faculty member.
 - ii. Participation in the student activities through the student union.
 - iii. Benefiting from the services offered by the College, such as the library, the hostel, and the transportation, etc.
 - iv. Receiving the identity card issued annually by the College as a proof of her being a student of the College.
 - v. Appearing in the exams and being subjected to evaluation in accordance with the College rules and regulations.
2. Students are entitled to respect in an educational environment which is free from threat, harassment, abuse or discrimination.
3. They are entitled to a clean, safe and adequate workplace.
4. Healthcare is provided in case of emergency, first aid and infection control. The College shall, however, not bear the expenses of all the treatment, except for transport from and to the place of treatment inside the city of Dubai.
5. Social care in the form of student counselling and mentorship is provided by the College.
6. Procuring residence visa necessary for non-nationals on the sponsorship of the College, as per the rules in force, provided the visa fees shall be paid by the student.
7. Obtaining the following certificates/ testimonials:
 - a. Annual certification of her being on the rolls of the College.
 - b. Testimonial mentioning the academic level achieved by the student as per the format in use.
 - c. Certificate of the tuition fees payable by her.

- d. Certificate of good conduct. This shall only be given to students who have not been penalized for acts violating integrity and honor.
- e. Graduation certificate (degree) on completion of all the requirements of graduation on the prescribed specimen and according to the rules and regulations in force.
- f. No-demand certificate from the College.

All the above mentioned certificates shall be issued in accordance with specimens and rules and regulations in vogue in the College and based on real facts about the student. First copy of all these certificates shall be issued free of cost, while other copies shall be issued against payment of charges to be fixed by the College. Stamped Photostat copies shall, however, be free of cost.

Students' Responsibilities

A student is obligated to abide by the following:

1. To work for the accomplishment of the objectives of the College.
2. To ensure that her behavior reflects the college values.
3. To strive for achieving the highest level of academic and professional knowledge, skills and attitudes.
4. To abide by the rules and regulations of the College.
5. To ensure that their actions are in accordance with general & Islamic guidelines, academic honesty guidelines and dress code.
6. To make positive contribution for improving the performance of the College and its development by offering written suggestions and opinions to the College.
7. To report any misconduct among themselves and to uphold the reputation of the college.
8. To ensure careful use of equipment in the college and to ensure that there is no violation of college property. Any theft or willful destruction of the property of the college would be unacceptable and serious action would be taken against the person committing it.

Student Pledge:

All students resolve to abide by the following pledge on the first day of college.

"I pledge to Allah and myself, to honour and uphold the values of DMCG:

I will perform all duties under the conviction that Allah is overseeing all our actions

I will work hard for the pursuit of knowledge without expecting worldly gains

I will respect those who teach me and in turn pass my knowledge on to my juniors

I will maintain modesty, humility, patience, sincerity and integrity in all my actions

I will respect the value of time and maintain punctuality

I will continuously seek to improve myself spiritually and professionally

I will execute all actions for the well-being of my patients, regardless of their religion, position or association

I will respect all patients' privacy at all times

I will behave as a sister to all my colleagues

I will continuously seek to become all that Allah wants me to be"

CODE OF CONDUCT

General guidelines

As part of their Islamic Identity the students as well as lady doctors are expected to adhere to and demonstrate the following code of behaviour:

1. Keenness to perform acts of worship at proper intervals preferably as a congregation.
2. Pursuit of knowledge and fruitful work, without waiting for thanks from others, under the firm belief that Allah alone grants, gives reckons and rewards.
3. Adhering to Islamic dress and avoiding ostentation.
4. Doing one's duty under the conviction that Allah is overseeing all our actions.
5. Realizing the value of time and observing punctuality in attending classes, laboratories, etc.
6. Exercising extreme devotion and patience in studies as well as in work.
7. Being honest to oneself as well as to others.
8. Making positive contribution to academic discussions and extending cooperation to colleagues in all situations and circumstances.
9. Maintaining tidiness of place and encouraging others to practice it.
10. Respect the dignity of others.
11. Practicing soul-searching in all of one's doings and at all times with a view to correcting the mistakes, if necessary.
12. Observing humility and avoiding false pride.

Specific guidelines for clinical setting

The medical profession is a noble one where a doctor is expected to treat a suffering patient. It requires a great amount of dedication and sacrifice on the part of the person who aspires to accept this career. The students of DMCG need to understand that during the course of study, due to the inherent nature of the field of health care, students may have to change some practices for the sake of the patients.

1. All students are expected to show integrity of character, honesty and dedication to their profession in all actions and words.
2. Their dress and conduct should be formal and reflect professionalism during their contact with patients in order to gain respect from patients and society.

3. Though students are strongly advised to follow the Islamic dress code, face covering is not permissible in hospital premises, such as wards and operating theatres, where students and doctors come in contact with patients. The rights of the patients, among others, include identification of the doctor or medical student, who wishes to communicate with them. The use of facial expressions of compassion, care and confidence will help to build trust in the patients being cared for. It constitutes an essential part of the communication skill (as part of the non-verbal aspect of communication) that is employed in gaining information from patients and in imparting advice and instructions to them.
4. Students must understand that the patient is central to the medical profession and his rights must always be upheld. In particular, permission needs to be obtained from a patient every time that there is a student / patient encounter and this needs to be carried out in a specified manner. The student should state her name, her position, the reason for seeking information or examining the patient and must wait to obtain the permission before she proceeds with the examination. Should the patient refuse to give permission for any reason, then the student must accept the decision and not proceed any further.
5. All students have to learn about diagnosis and management of both male and female patients during their education and internship. Medical care cannot be restricted to female patients during the period of study and it may necessitate students to examine male patients as part of their clinical examination and treatment.
6. The students may sometimes have to expose their hands or forearms as part of the sterilization process required for performing procedures under sterile precautions.
7. The students are expected to keep all information that she may have access to during professional contact with the patient, confidential.
8. The students have to be prepared to abide by the rules of the hospitals and cooperate with the faculty and other staff in upholding the reputation of the institution.

Academic Honesty Guidelines

Students attending Dubai Medical College are awarded academic degrees in recognition of successful completion of course work in the study of medicine. Each individual is expected to earn her degree on the basis of personal effort. Consequently, any form of cheating on examinations or plagiarism on assigned papers constitutes unacceptable deceit and dishonesty. Disruption of the classroom or teaching environment is also unacceptable. This cannot be tolerated in the college community and will be punishable, according to the seriousness of the offense, in conformity with established rules and procedures.

1. Plagiarism - Plagiarism is defined as "literary theft" and consists of the unattributed quotation of the exact words of a published text, or the unattributed borrowing of original ideas by paraphrase from a published text. Plagiarism also consists of passing off as one's own, segments or the total of another person's work.
2. Cheating - Cheating is defined as: the unauthorized granting or receiving of aid during the prescribed period of a graded exercise.
3. Disruption of Academic Process - Disruption of the academic process is defined as the act or words of a student or students in a classroom or teaching environment, which in the reasonable estimation of a faculty member, disturbs the smooth proceedings of the course.

Computer use guidelines

The computing facilities in the various colleges are a vital component of the academic environment. Each person using these computers must be considerate of other users. The purpose of these facilities is the support of teaching and research by its authorized users.

Activities that damage or impede the work of other users are of particular concern. Such activities are discourteous and illegal.

The U.A.E has laws which hold that unauthorized use (including accessing another user's account) leading to offenses against intellectual property and/or computer users, is a felony. Besides civil penalties the college and/or university may impose administrative penalties and sanctions against those found to have violated the law.

Computer use/ misuse – college policies are explicit and any violation of these policies, to include hate mail, is totally unacceptable and will be dealt with accordingly.

Dress code

College of Medicine students, at all levels of education and training, are expected to maintain a proper professional image in their behavior and personal appearance at all times.

- a. All students should adhere to Islamic dress code rules and cover their heads with proper hijab.
- b. All students should abide by established Dress Code when in the college/Professional Practice Experience sites and their photo ID badge
- c. Clothing shall not indecently expose parts of the body, be transparent, or display obscene or offensive pictures and slogans.
- d. Attire shall be clean and shall have proper fit and length. The following apparel is considered inappropriate:
 - Torn, ripped or frayed clothing.
 - Midriff or off-the-shoulder blouses, sweaters or dresses.

- Tight, sheer or revealing clothes.
 - T-shirts (tight)
 - Excessive tattooing on neck/arms/hands.
 - Flashy colored clothes
- e.** Excessive jewelry, perfumes and make-up should be avoided.
- f.** Long skirts should not trail.
- g.** All students shall wear their photo ID badge while in college or training sites for security reasons.
- h.** White lab coats with name tags shall be worn by all students during practical classes and clinical sessions.

Admission Requirements:

Undergraduate Admission Requirements:

	<i>MBBCh (DMC)</i>	<i>BPharm (DPCG)</i>
<i>Admission Requirements</i>	<p>-Higher Secondary Certificate issued by the United Arab Emirates with a minimum average of 85%</p> <p>-The certificate should be of the same year or of the year before</p> <p>-Passing the entrance exam in Biology and Chemistry subjects as well as the personality interview organized by the College.</p> <p>-English Language Proficiency: An applicant is required to fulfil any one of the following requirements for admission: TOEFL with scores more than 61/ IELTS more than 5/ EmSAT more than 1100.</p> <p>-Physical fitness to be certified by a medical certificate.</p>	<p>-Passed qualifying examination viz. Higher Secondary/Intermediate/10+2/GCE-A level "12 Grade" or equivalent with science subjects (Physics, Chemistry, Biology or Mathematics) from a school recognized by Ministry of Education, U.A.E. with not less than 80% marks in aggregate.</p> <p>-Certificate in proof of having good character and provide evidence for their emotional, social and academic maturity from the Head of the Institution last attended.</p> <p>-English Language Proficiency: An applicant is required to fulfil any one of the following requirements for admission: TOEFL with scores 61 or more/ IELTS score 5 or more/ EmSAT score 1100 or more/ Cambridge English: Advanced (CAE) score 41 or more/ City & Guilds IESOL Score of B1 with First Class Pass/ Pearson Test of English Academic (PTEA) Score range of 36-46</p>
<i>Documents Required</i>	<ol style="list-style-type: none"> 1. Higher Secondary certificate 2. Certificate showing results of standardized English examination 3. Character certificate 4. Medical Fitness Certificate 5. Passport copy 6. Emirates ID copy 7. Birth certificate 8. Six personal photographs 	

	<p>9. Entrance test fees for MBChB program</p> <p>Note: School certificates should be attested from place of issue:</p> <ul style="list-style-type: none"> ➤ Country of Study (Ministry of Education, Ministry of Foreign Affairs, the Embassy) ➤ UAE (Equivalency certificate from Ministry of Education)
<p><i>Conditional Admission</i></p>	<p>Eligible students who have pending documents and qualify for conditional admission are asked to sign an undertaking to provide all required documents</p> <p>Conditions for provisional admission</p> <ul style="list-style-type: none"> - If the student didn't provide the English Language Proficiency certificate - Pending certificate of equivalence. - Incomplete attestations for international student.

Graduate admission requirements

	<i>PG Master/Diploma program (DMC)</i>	<i>MPharm (DPCG)</i>
<i>Admission Requirements</i>	<p>-Applicants for the course should possess a Bachelor of Science or MBChB or Bachelor's degree in a related discipline with a minimum of Grade C or GPA of 3.0 on a scale of 4.0, or its equivalent as approved by the UAE Ministry of Education, UAE. Health care practitioners, social workers, police officers, lawyers and dieticians are anticipated to apply. Any applicant who does not meet this criterion should have relevant professional work experience and approval of the program committee.</p> <p>-An applicant is required to provide evidence of English language proficiency by displaying minimum TOEFL score of 550 on the Paper-Based, 213 on the Computer-Based, or 79 on the Internet-Based test, or its equivalent in a standardized English language test, such as 6.0 IELTS.</p> <p>-Passing the entrance exam and interview</p> <p>-Male and female, candidates will be admitted.</p>	<p>-Applicants should complete her Pharm degree with GPA of 3 on a scale of 4.0, or its equivalent.</p> <p>-Candidates should submit certificate in proof of having good character and provide evidence for their emotional, social and academic maturity from the Head of the Institution last attended.</p> <p>-An applicant is required to fulfil any one of the following English language proficiency by displaying minimum TOEFL score of 79 on the Internet-Based test, or its equivalent in a standardized English language test, such as 6.0 IELTS, Cambridge English: Advanced (CAE) score 52 or more, City & Guilds IESOL Score of B2 with First Class Pass, Pearson Test of English Academic (PTEA) Score range of 50-57.</p> <p>-Passing the interview</p>
	<p>Exceptions for English Proficiency Test:</p> <p>-A native speaker of English who has completed undergraduate education in an English-medium institution and in a country where English is the official language;</p> <p>-An applicant with an undergraduate qualification from an English-medium institution who can provide evidence of acquiring a minimum TOEFL score of</p>	

	500 on the Paper-Based test, or its equivalent on another standardized test approved by the Commission, at the time of admission to the program.
Documents Required	<ol style="list-style-type: none"> 1. Attested Bachelor degree. 2. Mark-sheet of the examinations passed 3. Six passport size colour photographs. 4. Birth certificate. 5. Character certificate from the Head of the institution last attended. 6. Copy of the passport and resident visa (for expatriate students only). 7. Medical certificate. 8. Required result of TOEFL/ IELTS/any standardized exams as prescribed by the MOE (conditional admission, if not passing the acceptance score) 9. Copy of UAE National ID.
Conditional Admission	<p>To be eligible for the Conditional Admission in MSc program, the following criteria are required:</p> <p>A student with a recognized baccalaureate degree with a grade point average below 3.00 on a 4.0 scale or its established equivalent may be admitted conditionally to the Master’s program. Such a student must meet the following requirements during the period of conditional admission or be subject to dismissal:</p> <ol style="list-style-type: none"> a. May take a maximum of nine credit hours in the first semester of study b. Must achieve an overall grade point average of 3.00 on a 4.0 scale in the first nine credit hours for the Master’s program

5.1 Transfer Policies:

General transfer policies:

The following are the necessary stipulations for transfer to the DMC or DPC from other Colleges:

1. DMC and DPCG accept transfer of students from accredited colleges with a comparable curriculum that is to that offered at the respective college

2. Student applying for transfer must spend more than 50% of teaching hours for all subjects at the respective college
3. The student must provide a letter of application to the Dean of the college specifying reason(s) for requesting transfer and desired date of transfer.
4. Applicants are required to submit their transcripts for evaluation of transferable subject's /teaching hours from previous college experiences.
5. Students must meet the English language proficiency requirements for the respective program as set by the Ministry of Education, UAE.
6. No student who has been dismissed from any medical or pharmacy college will be eligible for transfer to DMC or DPCG
7. All applicants must provide conduct certificates from the institute where they are currently enrolled.
8. Previous coursework deemed appropriate to the current course of study is evaluated for transfer into the college's program. Transferring previous teaching hours can help avoid overlap of subjects to complete the program degree.
9. All applicants should contact the admissions department to inquire about having their transcripts reviewed.
10. Before attending college, attested records from the previous college and higher secondary school should be submitted to the Dean's secretary as soon as possible.
11. The student transferring from another accredited college may receive score for courses completed with a grade of "C" or better if the course is applicable to the student's program at DMC or DPCG.
12. After review of the transfer request by the chief academic officer/Graduate Program Director of the college, the final decision for approval of transfer will be made by the respective faculty board (DMC) and by the Dean (DPCG)
13. Deadline for receipt of transfer request for an academic year is in January of a given year
14. Before considering any application for transfer, existence of an appropriate seat for the student should be considered.

Undergraduate transfer policies:

The student transferring from another accredited college must be in a good academic standing (a minimum CGPA of 2.0, C grade, on a 4.0 scale or equivalent).

Graduate transfer policies:

1. The student transferring from another accredited college must be in a good academic standing (CGPA of 3 on a scale of 4.0, or its equivalent) in Baccalaureate degree.
2. The student must have earned a grade of "B" or better in the course. No more than six credit hours of graduate work may be transferred from another institution. The courses must be graduate level and have been taken for graduate credit at the accredited institution.

5.2 Advanced Standing:

At the moment DMC/DPCG do not accept any form of non-degree certificates, non-credit courses or advanced high school subjects as an equivalent to any of the credit hour courses offered at any one of the university accredited programs. In case, a student with exceptionally advanced standing applies, the application will be forwarded it to the respective commission for final approval.

5.3 Recognition of prior learning (RPL): Undergraduate Programs

RPL does not apply to MBBCh. The recognition of prior learning for the transfer of credit in BPharm program may apply to the following:

Diploma in Pharmacy holders

Diploma in Pharmacy holders will be admitted in second year of BPharm, if they meet the following requirements:

- She should have passed the qualifying examination viz. Higher Secondary/Intermediate/10+2/GCE-A level “12 Grade” or equivalent with science subjects (Physics, Chemistry, Biology or Mathematics) from a school recognized by Ministry of Education, U.A.E. with not less than 70% marks in aggregate.
- She should have passed Diploma in Pharmacy with a good academic standing (a minimum CGPA of 2.0, C grade, on a 4.0 scale or equivalent).
- She should apply for admission to BPharm course in DPC within five years after obtaining the Diploma in Pharmacy and also she should be working in the field related to Pharmacy.
- Candidates should submit certificate in proof of having a good character and provide evidence for their emotional, social and academic maturity from the Head of the Institution last attended.
- Evidence of proficiency in English language should also be provided.

Science graduates and graduates in Medicine, Health Sciences, Dentistry and Veterinary Sciences

Science graduates and graduates in Medicine, Health Sciences, Dentistry and Veterinary Sciences can also be admitted to B. Pharm. Course with some course exemptions if they meet the following requirements:

- She should have passed the qualifying examination viz. Higher Secondary/Intermediate/10+2/GCE-A level “12 Grade” or equivalent with science subjects (Physics, Chemistry, Biology or Mathematics) from a school recognized by Ministry of Education, U.A.E. with not less than 70% marks in aggregate.
- She should have passed undergraduate Degree with a good academic standing (a minimum CGPA of 2.0, C grade, on a 4.0 scale or equivalent).
- She should apply for admission in BPharm Course in DPC within five years after obtaining her undergraduate Degree and also she should be working in the field related to her specialization.
- Candidates should submit certificate in proof of having a good character and provide evidence for their emotional, social and academic maturity from the Head of the Institution last attended.
- Evidence of proficiency in English language should also be provided.

5.4 Recognition of prior learning (RPL): Graduate Programs

RPL for Master program-DMC:

Recognition of Prior Learning:

If students have accredited prior learning credentials at the Master's level in the Clinical practice of Addiction can apply for recognition of prior learning. RPL can be awarded for any full course (not partial exemption of a course).

No more than 6 credit hours of graduate work may be awarded as RPL.

Exemption of Clinical Clerkship course:

Transfer of credits for clinical training may be allowed only when the clinical training was done in UAE. Partial exemption of clinical clerkship course is not allowed. The candidate must submit detailed evidence of clinical training. It should include clerkship with all of the following cases:

1. Assessment of patients suffering from:
 - a. Alcohol-Related Disorders (Optional)
 - b. Opioid-Related Disorders
 - c. Stimulant-Related Disorders
 - d. Any other substance-related disorders
2. Investigation of SUD
3. Assessment of withdrawal syndrome of:
 - a. Alcohol-Related Disorders (Optional)
 - b. Opioid-Related Disorders
 - c. Stimulant-Related Disorders
4. Initiation of medically supervised withdrawal for:
 - a. Alcohol-Related Disorders
 - b. Opioid-Related Disorders
 - c. Stimulant-Related Disorders
 - d. Sedative-Hypnotic-Related Disorder
 - e. Any other substance-related disorders
5. Taking part in the following therapeutic activities:
 - a. Motivational Enhancement Interviewing
 - b. Cognitive Behavioural Therapy for Substance Use Disorders
 - c. Relapse Prevention in Substance Use Disorders
 - d. Group Therapy in Substance Use Disorders"

A. Dubai Pharmacy College:

RPL FOR MASTER PROGRAM-DPCG:

RPL does not apply to MPharm (CP). The recognition of prior learning for the transfer of credit in MPharm (PPD) program may apply to following:

Candidates seeking admission to MPharm (PPD) program with credit exemption on the basis of formal and/or non-formal prior learning should submit the written application with evidence based portfolio to the graduate program director. Such portfolio may include:

- Certificates and course outlines from non-standard qualifications
- CV and/or work reference

- Portfolio
- Written assignments

The application is then reviewed by the committee appointed for this specific purpose. The Committee is composed of respective course coordinators and is appointed by the graduate program director. The final decision for approval of credit exemption will be made by the Dean after the successful review by the committee. No more than 25% of the total program credits will be awarded for any RPL application

5.5 Withdrawal policy

Undergraduate programs:

The policy deals with DMC/DPCG students who leave through the processes of withdrawal, leave, dismissal, or discontinuation and who subsequently seek readmission to the College.

1. Withdrawal during the first-year of the college.
 - a. If withdrawal is required by a student, a written petition for withdrawal is made and approved by the Dean of the college.
 - b. A student who withdraws in the first year of the college for other than health reasons and wishes to return to the school must reapply through the regular first year admissions process as if she were a new applicant.
 - c. If the student withdraws because of illness during the first year, she will be allowed to apply for readmission through a valid medical certificate. Permission to reapply does not guarantee readmission.
2. Withdrawal subsequent to completion of the first year of the college.
 - a. If withdrawal is required by a student, a petition for withdrawal is made and approved by the Dean of the college.
 - b. If such a student wants readmission, an application for readmission is made in writing to the Admission office. This application must be accompanied by the relevant supporting documents, such as letters from the applicant's physician(s), employer(s), etc.
 - c. Readmission may be offered to a student in good standing who has completed one or more years of study. Good standing designates any student not subject to probation or disqualification. Permission to reapply does not guarantee readmission. Each re-application will be considered on a case-by-case basis.
 - d. The student will be informed in writing by the college at the time of the withdrawal whether she will be permitted to re-apply and under what circumstances.

Graduate programs:

The policy deals with students who leave through the processes of withdrawal, leave, dismissal, or discontinuation of the graduate programs.

1. If withdrawal is required by a student, a written petition for withdrawal is made and approved by the Dean of the college.
2. Any absence of more than 1 year will be considered as permanent withdrawal from college.

5.9 Leave of Absence from the college

1. Students may seek a leave of absence for a particular purpose, for a defined period of time and with the intention of returning to the college. Returning from such an approved leave of absence requires a re-admission petition.
2. The Dean of the college may grant a student up to a one-year leave of absence for personal, professional or medical reasons. This leave of absence may be renewed for up to one year at the discretion of the Dean in consultation with the Faculty Board.
3. The Dean may grant a student who is enrolled in a formal degree program at another university an extended leave of absence. The student must apply annually in writing for renewal of an extended leave of absence.
4. A student who is not enrolled in an external degree program and who requires a longer leave than two years, or who is denied an extension of her leave of absence, must petition for a withdrawal and is advised to consult with the Dean. If the student fails to obtain a withdrawal, the student will be discontinued.

5.10 Review of applications for Re-admission:

1. A student who has withdrawn (but subsequently wishes to return to school) must apply for readmission in writing and submit the required information, as stipulated by the School of Medicine at the time of withdrawal, to the Dean.
2. A Committee for Admission will review each student's written application for readmission in light of the entire record and including any required supporting documents. This Committee may recommend: 1) readmission without conditions; 2) readmission with conditions, 3) denial of readmission until further proof of readiness to return to school can be demonstrated; or 4) denial of readmission.
3. This Committee shall consist of the Dean, Chief Academic Officer, Head of Student Affairs committee, Head of Admission Committee.
4. Recommendations of this Committee are advisory to the Dean. The decision of the Dean is final and no appeals are allowed.

Tuition fee:

Particulars	MBBCh	B.Pharm	M.Pharm	MS in Addiction Science	PG diploma in Addiction Science	Mode of Payment
Student Intake	60-65	70	5-15	5-10	5-10	
Tuition Fee	120,000 per year (+5% VAT applicable)	Dhs45,000 (+5% VAT applicable)	Dhs50,000/- per year (+5% VAT applicable)	Dhs60,000/- per year (+5% VAT applicable)	Dhs60,000/- per year (+5% VAT applicable)	50% of annual tuition fee at time of admission. Two installments every year
Transport (+5% VAT applicable) AbuDhabi, Fujairah, Al Ain, Baniyaas (on weekends only)	AED 5000 per year	AED 5000 per year	-	-	-	Two installments
Transport (Dubai)(Muhaisnah, Mizhar, Murdif, Rashidiya, Tawar, Qusais, Nahda)	AED 3000 per year	AED 3000 per year	-	-	-	Two installments
Transport (Dubai daily) (other areas)	AED 4000/-	AED 4000/-	-	-	-	Two installments
Transport (Sharjah and Ajman daily)	5000/-	5000/-	-	-	-	Two installments
Annual Hostel Fee (only for females)	AED 12,000 - 22,000					Two installments
Refundable insurance (for hostel)	500/-					

Mode of Payment:

- Direct payment to Finance Department of the College or through deposit in the college account in any branch of Dubai Islamic Bank in the UAE.

Refund Policy of Tuition Fees

Dubai Medical College admits only a very limited number of students, so if any student after admission cancels her admission then this will create a vacancy which could have been used by another qualified student. Therefore, the College authorities are strict in their action for such students and they will not refund the fees paid at the time of admission until and unless a valid reason is provided for cancellation of admission.

The valid reasons can be: -

1. If a candidate faces visa difficulties from U.A.E. govt. that are out of College Control.
2. If the guardian of the candidate faces sudden employment problems, such as termination, visa cancellation etc.
3. If a candidate is granted a scholarship provided that it occurs after the date of fee payment.

The refund usually is granted to student in first or second week after commencement of academic year to which they are admitted.

Refund requests should be made at the Registration office through a written request enclosing the ID card and original fee receipt. Refunds will be made after clearance of dues, if any. The amount paid is construed as your booking the seat for yourself in the college. The refund policy applicable is as follows:

In the case of withdrawal before joining the college	5% (applicable only on tuition fees) is deducted and remaining is refunded.
For every month of attendance in case of withdrawal after joining the college :	
MBBCh or B.Pharm	10% of tuition fee deducted for every month of attendance
MS or M.Pharm	AED 5000 is deducted for every month of attendance.

Mode of payment:

- Direct payment to Finance Department of the College or through deposit in the college account in any branch of Dubai Islamic Bank in the UAE.

Academic and Assessment Policies of MBBCh:

1) PROGRAM LEARNING OUTCOMES

These program learning outcomes (PLO) are prepared in alignment with Level 7 (Bachelor's Degree) of Qualifications Framework -Emirates (QF-E), as required by Commission of Academic Accreditation (CAA).

QF-E Strands	On successful completion of the MBBCH Program of DMC, the graduate will be able to
Knowledge	<p>A-1 Demonstrate factual and theoretical knowledge with substantive depth in areas of core biomedical, psychosocial and clinical sciences and integrate this knowledge with general medical practice</p> <p>A-2 Apply the knowledge of these disciplines in clinical context for diagnosis, prevention and management of clinical conditions within the framework of ethical and legal regulations at the level of General Practitioner and in preparation for future specialist training.</p> <p>A-3 Critically analyze existing literature with an understanding of research tools and apply the knowledge of scientific basis to make decisions in patient care to promote health, prevent disease and treat illnesses in the community and specialized healthcare centers</p>
Skill	<p>B-1 Demonstrate clinical and cognitive skills/problem solving skills of obtaining and interpreting history, conducting clinical examination and synthesizing the findings to provide differential diagnosis and suggest the most likely diagnosis for a variety of clinical problems.</p> <p>B-2 Choose appropriate investigations and management strategies at the level of a general practitioner and the need for specialist referral, for a wide range of conditions during clinical encounter with patients</p> <p>B-3 Communicate effectively and compassionately with patients, relatives, teachers, peers and other professionals in verbal, written and electronic means using advanced communication and information technologies in a professional manner.</p>
Accountability and engagement	<p>C-1 Develop approaches to evaluate and improve healthcare literacy and awareness, epidemiology of diseases and healthcare delivery systems, and provide suggestions for improving quality and optimizing patient safety through a continuous process of auditing</p> <p>C-2 Provide patient care effectively at the level of an entry level doctor individually and as a team leader of inter-professional healthcare teams with an understanding of principles of hand-over and appropriate consultations.</p> <p>C-3 Manage patient-care under supervision in a primary care setting to treat acute, chronic or emergency conditions of patients, within the limits permissible to an entry level General Medical Practitioner, with ability to properly refer cases that need specialist attention.</p> <p>C-4 Observe principles of medical ethics, anonymity and confidentiality; and demonstrate honesty, integrity, altruism, empathy and social responsibility in their interaction with peers, patients in a multicultural context.</p>

2)

TEACHING PLAN

PRE CLINICAL PHASE					CLINICAL PHASE							
FIRST YEAR		SECOND YEAR			THIRD YEAR			FOURTH YEAR			FIFTH YEAR	
Aug – Feb	Feb – Aug	Aug – Feb	Feb – Aug	Aug – Jan	Feb – March	April –June	July – Sept	Sept. – Nov	Nov – Feb	Feb - June	June- Dec.	Dec – May
Sem. I	Sem. II	Sem. I	Sem. II	Sem. I								
6 months including 2 weeks winter holiday	6 months including 5 weeks summer holiday	6 months including 2 weeks winter holiday	6 months including 5 weeks summer holiday	6 months including 2 weeks winter holiday	6 weeks	8 weeks	8 weeks + 5 weeks Vacation	8 weeks	13 weeks + 2 weeks Vacation	19 weeks	18 weeks + 6 weeks' Vacation	18 weeks + 2 weeks' Vacation
COURSE TITLE: THE CELL, THE TISSUE Anatomy(1101), Biochemistry(1102), Physiology(1111), Histology(1106), Islamic Fiqh, Computer, Medical Terminology	COURSE TITLE: HAEMOPOEITIC, LYMPHOID Anatomy(1201), Biochemistry(1202), Physiology(1211), Histology(1206), Immunology(1204), Community Medicine(1103), & Islamic Fiqh,	COURSE TITLE: GENERAL, ALIMENTARY SYSTEM, MOLECULAR BIOLOGY Anatomy (2101), Biochemistry(2102), Physiology(2111), Histology(2106), Microbiology(2107), Parasitology(2108), Pathology(2109), Pharmacology(2110), Community Medicine(2103),	COURSE TITLE: CARDIOVASCULAR, RESPIRATORY, URINARY SYSTEMS Anatomy(2201), Biochemistry(2202), Histology(2206), Physiology(2211), Microbiology(2207), Parasitology(2208), Pathology(2209), Pharmacology(2210), Community Medicine(2203)	COURSE TITLE: NEURO SCIENCES, ENDOCRINE, REPRODUCTIVE SYSTEMS, CLINICAL SKILLS Anatomy(3101), Histology(3106), Physiology(3111), Microbiology(3107), Parasitology(3108), Pathology(3109), Pharmacology(3110), Community Medicine(3103), Clinical Skills	Introductory Course	Paediatrics / Obstetrics & Gynaecology	Obstetrics & Gynaecology / Paediatrics	Paediatrics / Obstetrics & Gynaecology	Obstetrics & Gynaecology / Paediatrics	Final Exam in Paediatrics - Obstetrics & Gynaecology	Internal Medicine/ Surgery / Primary Health Care \A & E	Internal Medicine/ Surgery / Primary Health Care \A & E
						Each student will undergo 2 rotations in Paediatrics and 2 rotation in Obstetrics & Gynaecology			Each student will undergo 2 rotations in Primary Health Care, 3 rotations in Internal Medicine and 1 in Surgery.			
											Internal Medicine/ Surgery / Primary Health Care \A & E	Revision and Final Exams in Medicine, Surgery & PHC.

The College follows a program of intensive teaching for a period of six years. This comprises of a preclinical phase, a clinical phase and an internship phase.

Pre-Clinical Phase

- The pre-clinical phase lasts two and a half years.
- The teaching program is conducted in the College's campus in Muhaisnah-1 – Deira.
- Classes commence in late August.
- Each academic year is divided into two semesters.
- There is a two week holiday at the end of the first semester and summer holidays after the second semester.

Clinical Phase

- Students who have successfully passed all subjects in the pre-clinical phase are transferred to the clinical phase of the course at the beginning of February.
- The duration of the clinical phase is of two and a half years.
- The clinical phase's undergraduate teaching is carried out entirely in hospitals, clinics, primary health care centers and teaching facilities provided by the Dubai Health Authority (DHA).
- The main teaching sites are the Faculty building in the Rashid Hospital campus and the wards, clinical diagnostic facilities and clinics at the Rashid Hospital, the Trauma Centre (Rashid Hospital), the Dubai Hospital and the Latifa Hospital. In addition, students spend a period of 20 weeks training in the Primary Health Care centers attached to the DHA.
- Teaching is conducted through didactic lectures covering all aspects of medical practices. Lectures are held in the afternoon in the lecture theatres at Rashid Hospital, Dubai Hospital and Al Wasl Hospital. These activities along with the revision courses in the 5th year are delivered 5 times a week.

An essential part of the clinical phase teaching is the acquisition of technical and clinical skills essential to the practice of medicine. In order to acquire these competencies, skills and attitudes, students are divided into small groups (about 6 students) to do clerkships, which involve examining patients and participating in their management under the supervision of teaching staff. They attend ward rounds, teaching rounds, observe procedures and operations, and involve themselves in small group discussions in case presentations.

Students are taught the basic skills of history-taking and clinical examination in lecture halls and seminar rooms equipped with all of the necessary teaching aids. They are trained in clinical skills at the Simulation Lab and the clinical skill slab from year 1 to year 5.

Internship Training Phase

- Students who have successfully completed their clinical phase move onto the internship training phase.
- The total internship training program has a normal duration of 52 consecutive weeks.
- Internship training has two start dates per year: the closest August Sunday to the beginning of the month and the closest February Saturday to the beginning of the month.

The purpose of the internship training program is for the graduate to have concentrated clinical

Experience in all of the major medical specialties, including Internal Medicine, Surgery, Pediatrics, Obstetrics/
Gynecology, Family Medicine and Psychiatry.

3) COURSE DESCRIPTION

Pre-Clinical Phase

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Anatomy	1101, 1201, 2101, 2201, 3101	354 Hrs	360

TOPICS OF SUBJECT STUDIED: -

General Embryology- Lower Limb- Upper Limb- Abdomen and Pelvis- Thorax- Head and Neck- Neuro Anatomy- Special Embryology related to each part.

OBJECTIVES: -

This subject provides comprehensive knowledge of the structure of human body and its application in the clinical setting. It includes embryology that studies the formation and development of the human embryo. It is the gateway of medicine and without proper knowledge of anatomy, it is impossible to understand how the body organs perform their function and hence be able to detect abnormalities of the structure or function caused by diseases. Without a good knowledge of anatomy, medicine cannot be accurately and safely practiced. It is also essential for the surgeon to know the proper anatomy of the area upon which he is operating.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Bio Chemistry	1102, 1201, 2102, 2202	246 Hrs	220

TOPICS OF SUBJECT STUDIED: -

Cell- Vitamins- Minerals- Nutrients- Lipid Metabolism- Carbohydrates- Proteins- Immunoglobulin's- Carbohydrate Metabolism- Enzymes- Biological Oxidation- Protein Metabolism and neurotransmitters- Tumor Markers- Organ Function Test- Hemoglobin- Myoglobin- Chemistry and Metabolism of Hormones- Purines and Pyrimidines- Genetics and Porphyrin Metabolism.

OBJECTIVES: -

This course covers the study of the constituents of living cells and their chemical reactions and emphasis is made on intermediary metabolism of proteins, carbohydrates and lipids, clinical biochemical tests and their application to clinical medicine. By the end of the course, the student should have comprehensive knowledge of the various bio-chemical exchanges that occur within the human body in relation with their application in the field of medicine.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Histology	1106, 1206, 2106, 2206, 3106	172 Hrs	150

TOPICS OF SUBJECT STUDIED: -

Cytology- Cyto-Genetics Microtechniques-Body Tissues- Skin- Blood-Cartilage- Bone-Muscles- Circulatory and Lymphatic Systems- Respiratory- Renal System- Digestive Systems. Endocrine Glands- Reproductive System- Special Sense System- Central Nervous System.

OBJECTIVES: -

The objective of studying Histology is to gain a comprehensive knowledge of microscopic structure of different parts of the body. This includes skills of using light microscope. Have an in-depth knowledge of

how the structure of each tissue in any organ adapts and serves its function and detect any pathological changes in the tissues on studying pathology.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Physiology	1111, 1211, 2111, 2211, 3111	321 Hrs	360

TOPICS OF SUBJECT STUDIED: -

Cell- Muscles and Nerves- Blood- Autonomic Nervous System- Respiration- Heart and Blood Vessels- Digestive system and Metabolism- Kidney. Endocrine Glands and Reproductive system- special Senses- Central Nervous System.- Behavioral Sciences.

OBJECTIVES: -

This imparts a comprehensive understanding of maintenance of health and the mechanism of disease when physiology is deranged. This forms the foundations for further studies in pharmacology, pathology, pathophysiology, and medicine. It gives the student an opportunity to develop into an independent learner and researcher.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Parasitology	2108, 2208, 3108	100 Hrs	100

TOPICS OF SUBJECT STUDIED: -

Helminthology- Medical Entomology- Protozoa

OBJECTIVES: -

By the end of the course, students should have an in-depth knowledge of the parasites that infect man, diseases caused by them, clinical picture and response generated by man against them, the various methods of their diagnosis, treatment and finally prevention and control.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Pharmacology	2110,2210,3110	205 Hrs	220

TOPICS OF SUBJECT STUDIED: -

General Pharmacology- Antiviral- Anticancer- Antibacterial- Chelating agents & Vitamins- Drugs used in treatment of diseases of (Nervous System- Muscles- Respiration- Urinary And Circulatory Systems- Blood- Allergy- Digestive- Central Nervous System- Endocrine System)

OBJECTIVES: -

The course provides knowledge of pharmacologic principles and their application in the therapeutic use of drugs. An in-depth knowledge of the actions, uses and side effects of drugs and their use in prevention and treatment of diseases. At the end of the course the student should be able to apply her pharmacological knowledge to practice medicine and be able to manage any cases of drug-related -toxicity due to over dosage.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Pathology	2109,2209,3109	236 Hrs	220

TOPICS OF SUBJECT STUDIED: -

I. General Pathology and Immuno pathology

II. Systemic Pathology, Diseases of.: Cardiovascular System- Respiratory System- Urinary System- Digestive System- Endocrine System- Male Genital System- Female Genital System- Breast- Blood- Lymphatic System- Bone - Nervous System

OBJECTIVES: -

This deals with the study of diseases and their causes, mechanisms, manifestations and complications. The effects of the disease producing agents, upon the living human body. The ultimate objective of physicians who study pathology is the prevention and cure of disease, but first they must study disease as an entity in itself because only in this way they start to discover mechanisms in the disease producing process. The course spans the gap between the preclinical and clinical subjects. It provides the student with a basic knowledge of the diseases likely to be encountered in the wards and clinics.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Microbiology	1204,2107,2207,3107	146 Hrs	150

TOPICS OF SUBJECT STUDIED: -

General Microbiology- Immunology- Bacteriology- Virology- Mycology.

OBJECTIVES: -

Microbiology is the scientific study of living micro-organisms which are very small and simple in structure, yet their medical importance is great. Medical students need to learn the most important aspects of microbiology in order to diagnose and treat microbiological infections successfully.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Community Medicine	1103,2103,2203,3103	123 Hrs	120

TOPICS OF SUBJECT STUDIED: -

Statistics + Environment- General Epidemiology- Nutrition- Primary Health care- Communicable Diseases and Non Communicable Diseases.

OBJECTIVES: -

The goals of the course of community medicine are to develop a physician oriented on preventive aspect of health, and to gain experience to be a future doctor with a comprehensive concept of Medicine that preventive and curative medicine work hand in hand.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
CLINICAL SKILLS MODULE	-	40 Hrs	38 (Calculated as 2% from the scientific activity marks of each subject).

TOPICS OF SUBJECT STUDIED: -

Introduction to Clinical Skills, Infection Control and Hand Washing, History Taking, General Physical Examination, Intravenous (IV) injection, Intramuscular (IM) Injection, Body Mass Index, Field visits to observe the services provided in Primary Health Care Clinics including: (Child health care program, maternal health care program, Traveler health care program, Diabetic Mini Clinic and Observation of Consultation Skills).

OBJECTIVES: -

The objectives of this course are orientation of the students to the components of Primary Health Care centers, Observation of what is common and the variety of what is normal, Observation and practice of communication skills. By the end of the course the student should have developed the knowledge, skills, attitudes, and behaviors which are necessary to practice the art and science of medicine in an optimal manner.

General Education

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Fiqh Islami	-	64 Hrs	100
TOPICS OF SUBJECT STUDIED: -			
The Faith, Laws of Shariah concerning Economy, Politics and Social Affairs. Knowledge of important Islamic teachings. Laws concerning the responsibilities of persons working in medical and pharmaceutical professions. Position of Shariah in respect of contemporary problems, e.g. transplantation of body organs, cloning, plantation of embryo, clinical death, etc. Knowledge of human soul (conscience or psyche) as spelled out by Allah in the Quran. Biographies.			
OBJECTIVES: -			
This course is an introduction to the basics of Islam, knowledge about the faith and laws of Shariah concerning economy, politics and social affairs. It also gives an in-depth view about Islamic teachings concerning the responsibilities of persons working in medical and pharmaceutical professions.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Medical Terminology	-	18 Hrs	Pass/Fail
TOPICS OF SUBJECT STUDIED: -			
Skills of reading, individual oral presentations, paraphrasing, introduction to medical terminology. Word Building, Pronunciation, Prefix, Suffix, Word Root, Combining Vowel, Medical Abbreviations, Medical Subjects & Specialists, Singular and Plural Endings, Body Systems, Scientific Writing.			
OBJECTIVES: -			
This course offers an introduction to medical terms through an analysis of their construction including prefix, suffix, root, connecting and combining forms. The student acquires an understanding of medical meanings applicable to the structure, function, and diseases of the human body. Abbreviations and their appropriate usage are represented.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Medical Informatics	-	15 Hrs	Pass/Fail
TOPICS OF SUBJECT STUDIED: -			
Introduction to Informatics, Time Management, Information Quality, Critical Thinking, Computer Assisted Communication, Telemedicine and Tele-care, Evidence-based Medicine, Hospital Information System			
OBJECTIVES: -			
By the end of the course the student would have a basic computer knowledge and understanding that would aid her in her medical profession.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
PROFESSIONALISM	-	45 Hrs	Pass/Fail

<p>TOPICS OF SUBJECT STUDIED: - Pillars of Medical Professionalism, Professional responsibilities -ACGME Competencies, Professionalism in medical students, Professional misconduct, Organizational behaviour- EQ, Employability, Time management, Communication skills, Bad news, Conflicts in Professionalism, Social Responsibility, Cultural sensitivity, Giving and accepting feedback, Team-work and Clinical Leadership</p>
<p>OBJECTIVES: - By the end of the course, students should be able to: Demonstrate ability to manage themselves professionally in the college setting and in a simulated/real clinical setting Demonstrate positive attitudes, collaborative team work, project management skills, professional conduct and leadership Demonstrate ability to reflect, empathize, evaluate and communicate their commitment towards the society and medical profession</p>

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
GENERAL PSYCHOLOGY	-	10 Hrs	Pass/Fail
<p>TOPICS OF SUBJECT STUDIED: - Introduction: Foundation, Schools, Research, & Other Topics - Biopsychology: The Link Between Psychology & Biology - Personality: Development, Theories, Link Between Nature And Nurture - Behavior: Basic Aspects, Normal And Up-Normal - Health: Stress, & Coping - Psychological Disorder: Theories, Symptoms</p>			
<p>OBJECTIVES: - By the end of the course, students should be able to: recognize the basic Concepts, methods and theories of Psychology, biopsychology, personality theories (normal and abnormal) and stress.</p>			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
HISTORY OF MEDICINE	-	15 Hrs	Pass/Fail
<p>TOPICS OF SUBJECT STUDIED: - The history of eminent medical professionals who have contributed to the practice of medicine. Stories of major researchers and their lives are expected to inspire students to perform well as a better human being. Rise of Medicine Science, History of Hospitals, Surgery, Drug Treatment and the rise in Pharmacology, Islamic Medicine, From observation to prevention, Looking to the Future</p>			
<p>OBJECTIVES: - By the end of the course, students should be able to critically reflect on the lives of few eminent personalities who have made seminal contributions to the practice of medicine. This course motivates the to search for information on historical figures and learn from the commitment and hard work of such personalities.</p>			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
COMMUNICATION SKILLS	-	10 Hrs	Pass/Fail
<p>TOPICS OF SUBJECT STUDIED: - Introduction to Communication Skills, Barriers of Communication, Verbal and Non-Verbal Communication, Public Speaking, Effective Communication, History Taking</p>			

OBJECTIVES: -

By the end of the course the students should be able to communicate with their colleagues and patients and be able to elicit a proper history while respecting their diversity of culture and socioeconomic status.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
MEDICAL EDUCATION	-	10 Hrs	Pass/Fail
TOPICS OF SUBJECT STUDIED: -			
Introduction to medical career; learning styles, teaching methods, study skills, critical thinking, team work, How to face the examination, international standardized examinations in the medical profession			
OBJECTIVES: -			
By the end of the course the students should be able to differentiate between the different learning styles and requirements for medical education and be able to apply the learning in their study. The students will be able to effectively participate in team work and critically analyse scenarios in groups.			

Clinical Phase

The objective of the clinical phase is to increase the student's clinical knowledge, competencies and skills in addition to forming her general professional development. By the end of the course the student would have acquired the knowledge, skills, and attitude which will enable her to identify, analyze and manage clinical problems in order to provide efficient, cost effective, and humane patient care.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Introductory Course (6 Weeks)	3220	100 Hrs	-
TOPICS OF SUBJECT STUDIED: -			
Clinical Sessions (60Hrs), Presenting Symptoms (12Hrs), Communication Skills (8Hrs), Health Informatics (16Hrs), Statistics (4Hrs).			
OBJECTIVES: -			
The aim of the introductory course is to introduce students to clinical skills including history taking.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Paediatrics (15 Weeks)	3224,4124,4224	275 Hrs	300
TOPICS OF SUBJECT STUDIED: -			
General Pediatrics with its subdivisions including Neonatology and Genetics.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Obstetrics & Gynaecology (15 Weeks)	3222,4122,4222	275 Hrs	300
TOPICS OF SUBJECT STUDIED: -			
Gynecology with all the subdivisions including conception & contraception.			

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
General Medicine (20 Weeks)	5120, 5220	650 Hrs	*
TOPICS OF SUBJECT STUDIED: -			

General Medicine, Infectious Disease, Cardiology, Respiratory Medicine, Endocrinology & Diabetes, Rheumatology, Renal Medicine, Intensive & Critical Care, Oncology, Hematology & Thalassemia, Gastroenterology, Dermatology, Neurology, Psychiatry and Therapeutics.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Primary Health Care (20 Weeks)	5129,5229	450 Hrs	*

TOPICS OF SUBJECT STUDIED: -

Organization of PHC, exposure to clinical problems relating to Primary Health Care. The care of chronic diseases, prevention of diseases, geriatric care and school clinics.

SUBJECT	CODE	TOTAL HOURS	TOTAL MARKS
Surgery	5126, 5226	650 Hrs	*

TOPICS OF SUBJECT STUDIED: -

General Surgery, Vascular Surgery, Orthopedic/Trauma, Neurosurgery, Cardiothoracic Surgery, Urology, ENT, Ophthalmology, Anesthesia, Radiology, Histopathology, Forensic Medicine, Accidents and Emergency Medicine.

* Total marks for Medicine, Primary Healthcare and Surgery together are out of 1200.

4) GRADING SCHEME

Students are given grades for each of the courses in the preclinical and clinical phases.

- Excellent 85% and above
- Very Good 75-84.9 %
- Good 65-74.9 %
- Pass 60-64.9 %

5) ACADEMIC PROGRESS

The student should pass in all the courses in each academic year in the preclinical and clinical years to be promoted to the next year.

The total allocation of marks for the clinical phase are 2000 (similar to the allotment of marks for the pre-clinical course), and the allocation of marks is calculated from the following table:

Pre-Clinical phase

S.No	SUBJECTS	MAXIMUM MARKS ALLOTTED	MINIMUM PASSING MARKS
1.	Bio-Chemistry	220	132
2.	Anatomy	360	216
3.	Physiology	360	216
4.	Histology	150	090
5.	Pathology	220	132
6.	Pharmacology	220	132
7.	Microbiology	150	090
8.	Parasitology	100	060
9.	Community Medicine	120	072
10.	Fiqh Islami	100	060
TOTAL		2000	1200

Clinical Sciences phase:

S.No	SUBJECTS	MAXIMUM MARKS ALLOTTED	MINIMUM PASSING MARKS
1.	Medicine, Surgery & PHC	1200	720
2.	Log Book & Research	200	120
3.	Pediatrics	300	180
4.	Obst/Gynae	300	180
TOTAL		2000	1200

A⁺ = Superior (95% & above) A = Excellent (85% - 94.9%) B = Very Good (75% - 84.9%)
C = Good (65% - 74.9%) D = Pass (60% - 64.9%) F = Fail (below 60%)

The table illustrates the maximum marks and the minimum marks for passing that are allocated to each subject.

The requirements for graduation are: -

- Successfully complete and pass exams of all the courses in the preclinical and clinical phases.
- Successfully complete the internship training phase.

6) FACULTY FOR MBBCH

Teaching Faculty (Preclinical)

S. No.	Name	Post / Title
1	Prof. Mohamed Galal- EIDin Ahmed	Dean, Professor and Head Department of Anatomy
2	Prof. Shefaa M. Gawish	Professor of Anatomy
3	Prof. Magda Abdel Rahman Ismail	Professor and Head Department of Microbiology and Immunology
4	Prof. Nadia Mahmoud Mohamed Aly El Rouby	Professor of Histology
5	Prof. Nehad Mahmoud	Professor of Parasitology
6	Prof. Hafez Abdel Fattah Ahmed	Professor and Head Department of Biochemistry
7	Prof. Samia Farghly	Professor of Family Medicine
8	Prof. Naglaa Raafat AbdRaboh Soliman	Associate Professor of Physiology
9	Dr. Wafik Hassan Kamel	Head of Educational Informatics Unit
10	Dr. Fouzia Shersad	IE Director
11	Dr. Rasha Ali Abdelrazek Eldeeb	Associate Professor of Physiology
12	Dr. Abeer Abd El Moneim Said Ibraheem	Assistant Professor of Physiology
13	Dr. Sahar Helmi Abdul Maqsoud	Associate Professor of Community Medicine
14	Dr. Rania Hamed Abdelaty Shalaby	Assistant Professor of Pharmacology
15	Dr. Riham Ahmed Ibrahim Ali	Assistant Professor of Pathology
16	Dr. Shifan Khandey	Assistant Lecturer
17	Dr. Hajer Nisar Sheikh	Assistant Lecturer
18	Dr. Iman Irfan Abdeen	Assistant Lecturer
19	Dr. Haba Faiz A. Al Samman	Assistant Lecturer
20	Dr. Sadiyah Jamil	Teaching Assistant

21	Dr. Heba Ismail Abdel Reheem Elshafey	Teaching Assistant
22	Dr. Amina Begum	Teaching Assistant
23	Dr. Sara Swfat	Teaching Assistant
24	Dr. Momna Basheer	Teaching Assistant
25	Dr. Jenan Al Baeat	Part-time (Fiqh Islami)

ADMINISTRATIVE STAFF OF DUBAI MEDICAL COLLEGE

S. No.	Name	Post / Title
1	Prof. Dr. Mohammad Galal El-Din Ahmed	Dean
2	Abdul Hafeez Zafar	Librarian
3	Bushra Praveen	Assistant Librarian
4	Ibrahim Hashim Mohammed	Medical Graphic Designer
5	Amal Darwish	System Administrator
6	Mervet Mohd Yousif	Secretary of Deanship
7	Khan Fayyaz	Lab Technician
8	Sumaiya Abdus Samad Muhammad	Secretary, Graduates' Affairs
9	Sadia Sultana	Secretary, Admissions' & Students' Affairs
10	Sahar Badri	Accountant
11	Fathima Ghani	Secretary
12	Amir Al Haj	Hostel, Transport In-charge
13	Hania Saleh	Hostel Warden
14	Ashraga Mohammed Ali	Hostel Warden
15	Sadaf Batool AbdulRahman	Hostel Secretary
16	Manal Mansour Mohammed	Hostel Secretary

Teaching Faculty (Clinical)

ACADEMIC DEPARTMENT OF MEDICINE

S. No.	Name	Post / Title
1	Prof. Dima Abdelmannan	Clinical Dean ,Consultant Endocrinologist
2	Prof J M Muscat-Baron	Honorary Consultant in Medicine & Cardiology, Professor of Medicine
3	Dr Mahmoud H Marashi	Consultant in Medicine & Hematology, Professor & Head of Academic Dept. of Medicine
4	Dr Ahmed Saleh Abdou	Consultant in Infectious Diseases, Associate Professor
5	Dr Elhassan S Elhassan	Consultant in Medicine & Gastroenterology, Professor
6	Dr. Mustafa Sabri	Gastroenterologist
7	Dr Ghaida Kaddaha	Consultant in Diabetology, Associate Professor
8	Dr Khawla Behoul	Consultant in Hematology, Sr. Lecturer
9	Dr Jihad Inshasi	Consultant in Neurology, Associate Professor
10	Dr Fadhil Abdulla	Consultant in Medicine & Endocrinology, Sr. Lecturer
11	Dr Fatheya Al Awadi	Consultant in Medicine & Endocrinology, Sr. Lecturer
12	Dr. Ahmed Hassoun	Diabetologist
13	Dr Jamal Al-Saleh	Consultant in Medicine & Rheumatology, Sr. Lecturer
14	Dr Mohamed J H Railey	Consultant in Medicine & Nephrology, Sr. Lecturer
15	Dr Shaheenah Dawood	Consultant in Oncology, Sr. Lecturer
16	Dr Bassam Mahboub	Consultant in Medicine & Respiratory Diseases, Sr. Lecturer
17	Dr Hussain Al-Rahma	Consultant in Intensive Care Unit, Associate Professor
18	Mohammed Baker	Consultant in Intensive Care Unit
19	Dr Mahmoud Ghanaim	Consultant in Accidents & Emergency Dept, Lecturer
20	Dr Afzalhussein M Yusufali	Consultant in Cardiology, Associate Professor
21	Dr Anwar Al-Hammadi	Consultant in Dermatology, Associate Professor
22	Dr. Humaid Ghanaim	Dermatologist
23	Dr Mohammed Shahda	Sp. Sr. Registrar in Psychiatry, Lecturer
24	Dr. Basem Bader	Psychiatrist
25	Dr. Sumaiya Maklai	Psychiatrist

ACADEMIC DEPARTMENT OF PEDIATRICS

S. No.	Name	Post / Title
1	Badriya A. Al Awar	Consultant, Professor & Head of Academic Dept. of Pediatrics
2	Abdulla I. Al Khayat	Sr. Consultant, Professor
3	Mahmoud A. Al Hussain	Consultant in Pediatrics, Senior Lecturer
4	Arif Moinuddin Faqih	Consultant in Pediatrics, Senior Lecturer
5	Abdulrahman Al Jassmi	Consultant in Pediatrics,, Senior Lecturer
6	Hassan Ali Mundi	Consultant in Pediatrics,, Senior Lecturer
7	Anwar Hamidulla Khan	Consultant in Neonatology, Senior Lecturer
8	Eva Simkova	Consultant in Pediatrics, Senior Lecturer

ACADEMIC DEPARTMENT OF OBST. /GYNAE.

S. No.	Name	Post / Title
1	Prof. Nemat A. Abdul Jabbar	Consultant, Professor& Head of Academic Dept. of Obs\ Gynae
2	Dr. Purnima Deb	Consultant, Associate Prof.
3	Dr. Mohammad S.Shaker	Senior Lecturer
4	Dr. Alia Obaid	Senior Lecturer
5	Dr. Faiza Badawi	Consultant, Senior Lecturer
6	Dr. Nighat Aftab	Specialist Senior Registrar, Lecturer
7	Dr. Shameem Mir	Specialist Senior Registrar, Lecturer
8	Dr. Shabana Muzaffar	Specialist Registrar, Lecturer

ACADEMIC DEPARTMENT OF SURGERY

S. No.	Name	Post / Title
1	Prof. Abdul Jabbar M. Salih	Residents Affairs Counselor, Vice Dean & Head of Academic Dept. of Surgery
2	Dr. Fawzy A. Benomran	Professor
3	Dr. Rolf Ulrich Hartung	Consultant & Head of Dept. of General Surgery, Associate Professor
4	Mr. Yousif El Tayeb	Consultant in General Surgery, Associate Professor
5	Dr. Sharif El Lahham	Consultant in Trauma Dept., Associate Professor

6	Dr. Suad Trebinjac	Head & Consultant, Associate Professor
7	Dr. Moza Ali Dekhain	Head & Consultant, Associate Professor
8	Dr. Zaid A. G Al Mazem	Consultant, Sr. Lecturer

ACADEMIC DEPARTMENT OF PRIMARY HEALTH CARE

S. No.	Name	Post / Title
1	Dr Samia Farghaly	Sp. Sr. Registrar, Professor
2	Dr Amna Khamis Al Mazroei	Sp. Sr. Registrar, Sr. Lecturer
3	Dr Ashraf Swidan	Sp. Registrar, Lecturer
4	Dr Ebtihal Darwish	Consultant, Sr. Lecturer
5	Dr. Hani Swidan	Consultant, Associate Professor
6	Dr Mohammed Farghaly	Sp. Registrar, Lecturer
7	Dr Nehad Monsef	Sp. Sr. Registrar, Sr. Lecturer

Academic and Assessment Policies of B.Pharm:

1) PROGRAM LEARNING OUTCOMES

PROGRAM OUTCOMES				
QF Level 7	Emirates	Program outcome: On successful completion of this program the students will be able to:	Learning/ Teaching Methods and Strategies	Types/ Methods of assessment
Knowledge		A1. Acquire knowledge and understanding of natural and synthetic drugs, drug isolation, structural design, synthesis, and chemical structural relation with pharmacological activity and toxicity, analysis of drug and pharmaceutical products by qualitative and quantitative methods.	Lectures, Tutorials, Practical, Self-Directed Learning, Seminars, Problem Based Learning	Written Examinations, Practical Reports, Project Report, PBL assessment
		A2. Acquire knowledge of the basic concepts and techniques involved in manufacturing and quality assurance of different pharmaceutical and biotechnology based products considering physicochemical, biopharmaceutical and pharmacokinetics aspects.		
		A3. Gain the comprehensive knowledge of biomedical, pharmacokinetics, pharmacodynamics & toxicological principles of medications appropriate to apply in clinical settings.		
		A4. Understand various concepts, policies and procedures related to pharmacy practice in different clinical settings including hospital and community.		
Skills		B1. Acquire the basic skills and techniques involved in drug manufacture and development, drug design and screening, quality control and analysis of pharmaceutical products.	Practical classes, Project Work, Workshops, Problem Based Learning, Case studies, Computer Lab	Oral, poster presentation, Seminars, OSCEs, practical and Case based assessment, Project Report Students Graduation Project
		B2. Communicate effectively orally and in writing and deploy a range of presentation techniques within workplace setting.		
		B3. Interpret prescription orders, integrate the knowledge of biostatistics and clinical calculations in identifying problems with drug therapy, formulate solutions and assess risk associated with the solutions to deliver the best pharmaceutical care to the patients.		
Competencies		C1. Demonstrate the leadership ability and take responsibilities to function both independently and as a member of a team.	Problem Based Learning, Prescription evaluation, Workshops, E-learning, Communication skills classes, Self-Directed Learning	PPE, OSCEs, Written examinations, Calculations in Practice and PBL assessments Students Graduation Project
		C2. Develop self-learning skills, problem solving skills and critical thinking abilities for professional development and become independent life-long learner.		
		C3. Display Islamic behavior, moral and ethical attitudes to practice the profession competently and ethically.		

2) TEACHING PLAN

Dubai Pharmacy College for Girls accepts only female students with General Secondary School Certificate or its equivalent with science subjects (Physics, Chemistry, Biology, or Mathematics) for admission to Bachelor of Pharmacy degree program. The BPharm curriculum requires a minimum of 168 hours

Dubai Pharmacy College for Girls grants its students, after successful completion, Bachelor's Degree in Pharmacy (B. Pharm.). The total program of Dubai Pharmacy College for Girls extends over four academic years and the maximum course duration to complete the degree within a reasonable time frame of six years.

The academic year starts in September and ends in the third week of July.

- Each academic year is divided into semesters.
- Each semester is composed of twenty-two weeks of which 15 weeks devoted to teaching
- Each week has five teaching days which accounts for 30 teaching hours in a week.

Distribution of Courses

FIRST YEAR							
First Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PN701	BS	Organic Chemistry- I	-	-	3	-	3
MC701	BBS	Anatomy and Physiology I	-	-	3	1	4
MC702	BBS	Medical Terminology	-	-	1	-	1
GE701	GE	Mathematics & Statistics	-	-	3	-	3
GE702	GE	English Language and Study Skills	-	-	3	-	3
GE703	GE	General Psychology	-	-	2	-	2
GE704	GE	Computer Applications	-	-	-	2	2
TOTAL			-	-	15	3	18
Second Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PN702	BS	Organic Chemistry- II	PN701	-	3	1	4
PN703	PS	Natural Products-I (Pharmabotany)	-	-	3	1	4
PN704	BS	Analytical Chemistry	-	-	2	1	3
GE705	GE	Islamic Studies	-	-	2	-	2
PC701	PS	Pharmaceutics - I	GE701	-	3	-	3
MC703	BBS	Anatomy and Physiology-II	MC701	-	3	1	4
TOTAL			-	-	16	4	20

SECOND YEAR							
Third Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PN705	PS	Pharmaceutical & Medicinal Chemistry -I	PN702	-	4	-	4
PN706	PS	Natural Products-II (Pharmacognosy and Quality Control)	PN703	-	3	-	3
MC704	BBS	Biochemistry	-	-	2	1	3
PC702	PS	Physical Pharmacy	PC701	-	3	1	4
PC703	PS	Pharmaceutics- II	PC701	PC702	2	1	3
PC704	PS	Microbiology	-	-	3	1	4
TOTAL			-	-	17	4	21
Fourth Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PN707	PS	Pharmaceutical & Medicinal Chemistry -II	PN705	-	3	1	4
PT701	PS/CS	Pharmacology and Therapeutics I	MC701, MC703	-	4	1	5
MC705	BBS	Basic Genetics	MC704	CP701	2	-	2
MC706	BBS	Pathology	MC703	-	2	1	3
CP701	CS	Clinical Biochemistry	MC704	-	2	1	3
PC705	PS	Pharmaceutics-III	PC703	-	2	1	3
TOTAL			-	-	15	5	20

THIRD YEAR							
Fifth Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PN708	PS	Pharmaceutical & Medicinal Chemistry-III	PN707	-	3	-	3
PN709	PS	Phytochemistry	PN706	PN710	3	1	4
PN710	PS	Pharmaceutical Analysis	PN704	PN709	3	1	4
PT702	PS/CS	Pharmacology and Therapeutics-II	PT701, MC706	-	3	1	4
PC706	PS	Biopharmaceutics and Pharmacokinetics	PC702, PC703, PC705	-	3	1	4
CP702	CS	Immunology	PC704	-	2	-	2
TOTAL			-	-	17	4	21
Professional Practice Experience							
Code	Domain	Professional Practice Experience	No of Hours	No of Credit Hours			
PPE001	CS	Introductory Professional Practice Experience	200	-			
Sixth Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PT703	PS/CS	Pharmacology and Therapeutics- III	PT702, CP701	-	3	1	4
PC707	PS	Pharmaceutical Technology	PC705/PC703	-	3	1	4
CP703	CS	Applied Pharmacokinetics	PC706	-	2	0	2
CP704	CS	Pharmacy Practice	PT701, PT702	PT703	3	1	4
CP705	GE/CS	Research Methodology & Biostatistics	GE701/GE702	-	2	-	2
EC701	EC	Elective (Alternative Medicine)	-	-	2	-	2
TOTAL			-	-	15	3	18
FOURTH YEAR							
Seventh Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
PC708	PS	Pharmaceutical Biotechnology	PC704, MC705, CP702	-	3	-	3
PT704	PS/CS	Pharmacology and Therapeutics- IV	PT703, PC704	-	3	1	4
CP706	CS	Clinical Toxicology	PT703	-	2	-	2
CP707	CS	Clinical Pharmacy and Pharmaceutical Care	PT701, PT702, PT703	PT704	3	1	4
CP708	CS	Professional Skills in Practice	CP704	-	2	2	4
EC702	EC	Elective (Bioassay/Nuclear Pharmacy)	-	-	2	-	2
TOTAL			-	-	15	4	19
Professional Practice Experience							
Code	Domain	Professional Practice Experience	No of Hours	No of Credit Hours			
PPE002	PS	Industrial Professional Practice Experience	100	-			
Eighth Semester							
Code	Domain	Courses	Prerequisite	Corequisite	Lecture	Practical	Total Units
CP709	CS	Pharmacogenomics	PT703, CP702	-	2	-	2
CP710	CS	Integrated Problem Based Learning	PC704, CP701, PT703, PT704, CP704, CP707	-	1	-	1
CP711	CS	Hospital Pharmacy	CP704	-	2	-	2
CP712	CS	Pharmaceutical Management	PPE01	-	2	-	2
CP713	CS	Pharmacoepidemiology & Pharmacovigilance	CP705, CP707, CP708	-	3	-	3
CP714	CS	Pharmacy Laws and Drug Regulations	CP704	-	1	-	1
CP715	CS	Calculations in Practice	PC701, PC703, PC706, CP703	-	0	-	0
EC703	EC	Elective (Organizational Behavior)	-	-	2	-	2
GP701	GP	Students Graduation Project	CP705	-	-	6	6
TOTAL			-	-	13	6	19
Professional Practice Experience							
Code	Domain	Professional Practice Experience	No of Hours	No of Credit Hours			
PPE003	CS	Advanced Professional Practice Experience	600	12			

3) COURSE DESCRIPTION:

Course Description for the BPharm Program	
COURSE DESCRIPTION	Credit Hours
General Education (GE)	10
Mathematics and Statistics	3+0
The course will introduce basic mathematical concepts and calculations which are required for the subsequent studies of pharmaceutical and clinical calculations.	
English Language and Study Skills	3+0
This course is designed to enable the students to achieve oral and written communication skills. The course integrates the language skills with emphasis on writing, and it stimulates students' imagination, and promotes self-expression. Students in this course are trained to apply critical thinking skills to a wide range of challenging subjects from diverse range of topics focusing on healthcare related issues. Course activities include writing various types of academic genre, acquiring vocabulary, and getting involved in group discussions and debates. The course is taught paying attention to small groups. Students, in this course, are assessed by using diverse tools, such as presentations, assignments and exams.	
Islamic Studies	Credit Hours: 2+0
The aim of this Islamic studies course is to give the students a comprehensive understanding of the main two sources of Islamic Legislation: Holy Qur'an and sunnah (prophet Mohamed Hadith). This course deals with definition of the Holy Qur'an with an explanation of selected Qur'anic verses, the definition of Sunnah with an explanation of selected Prophet's sayings (Hadith), study sections of the biography of the prophet (PBUH), and the definition of schools of jurisprudence and the reasons for their differences, with an indication of the most important sources and references of Islamic studies.	
General Psychology	2+0
The aim of this course is to provide the students with the knowledge of the basic fundamentals in Psychology. The content of each session is driven by a set of student-centered learning objectives and targeted feedback.	
Computer Applications	0+2
The aim of the Computer Applications course is to provide the students with the ability to format and document source material in properly constructed papers, presentations and a variety of visual formats.	
General Education/ Clinical Sciences (GE/CS)	2
Research Methodology & Biostatistics	2+0
This is an intensive introductory course to understand the basic concepts of pharmaceutical, clinical research & statistical methods used in applied research. This helps the students in getting acquainted with different research strategies and identifying potential research plans that will help them in their future research projects. This course helps the students to develop the writing skills of research proposal, reports, thesis & articles in international standards. The course familiarizes the students with the use of a statistical package and give them the skills needed for effective data management, data manipulation, a data analysis at a basic level. The course will develop basic skills in the use of a statistical package through classroom demonstrations and independent lab	
Basic Science (BS)	10
Organic Chemistry- I	3+0
This course describes the basics of organic chemistry as atomic structure, orbital theory, hybridization, bond characteristics and chemical bonding. This course also describes the role of electronegativity on the polarity of chemical bonding, resonance effect, isomerism, and nomenclature of organic compounds.	
Organic Chemistry- II	3+1
This course describes the structural configuration, physical properties, preparation methods, and chemical reactions/reaction mechanism of aliphatic, aromatic hydrocarbon, substituted hydrocarbons, polynuclear hydrocarbons, esters, ethers, thioethers, alcohols, carboxylic acids, aldehydes, ketones, amines, diazonium salts and heterocyclic compounds. Laboratories include identification of functional groups of different organic molecules and preparation of few selected organic compounds.	
Analytical Chemistry	Credit Hours: 2+1

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
This course describes the classical analytical chemistry techniques. Topics covered in this course include the statistical evaluation of data, stoichiometry, gravimetric and titrimetric methods of analysis, acid-base chemistry involves in titration, complexation titration, and redox titration. Laboratory includes practical examples of the methods covered in this course.	
Basic Biomedical Sciences (BBS)	17
Anatomy and Physiology- I	3+1
The course offers a comprehensive knowledge of the structure and function of the human cell, integumentary, skeletal, muscular and nervous systems. The information offered by the course forms the foundations for further understanding of pharmacology, pathology, pathophysiology, and medicine. It gives the student an opportunity to develop into an independent learner and researcher.	
Anatomy and Physiology- II	3+1
The course offers a comprehensive knowledge of the structure and function of the digestive, blood, cardiovascular, respiratory, renal system, endocrine and reproductive systems. The information offered by the course forms the foundations for further understanding of pharmacology, pathology, pathophysiology, and medicine. It gives the student an opportunity to develop into an independent learner and researcher.	
Medical Terminology	1+0
Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes. The study focuses on correct pronunciation, spelling, abbreviations and use of medical terms.	
Biochemistry	2+1
The course provides the Pharmacy students with the knowledge to understand the basic mechanisms of life, acid base balance, structure- function relationship and clinical correlation of different biomolecules including carbohydrate, lipids, amino acids, proteins, enzymes, hemoglobin and fibrous proteins and ultimately energy production through oxidative phosphorylation reactions in mitochondrial electron transport chain.	
Pathology	2+1
The course provides the students with the basic knowledge and conceptual understanding of the pathology of various diseases. Thus the student will be familiar with the names, classification, pathogenesis and pathological changes in the various body tissues in different diseases.	
Basic Genetics	2+0
This course is designed to provide the students with an understanding of basic concepts of genetics which includes the chromosomal basis of heredity, Nucleic acids (DNA and RNA), replication and repair mechanisms of DNA, genes, gene families, gene frequencies gene expression, regulation and gene mutations. Also, the students will be aware of single gene and multifactorial inheritance and the treatment of genetic diseases. This course will provide solid foundation needed to be successful in the subsequent courses within the program	
Pharmaceutical Sciences / Clinical Sciences (PS/CS)	17
Pharmacology and Therapeutics- I	4+1
The course provides knowledge of basic principles of pharmacokinetics and pharmacodynamics of medications and their therapeutic application. An in-depth discussion of concepts of importance in pharmacology is emphasized. The principles of the autonomic nervous system and drugs acting on it are discussed. Autacoids and anti-inflammatory medications (NSAIDs & Corticosteroids) are also covered. Drugs used in respiratory disorders are also covered and management of bronchial asthma and COPD is approached from a therapeutic perspective.	
Pharmacology and Therapeutics- II	3+1
The course deals with the principles of the common cardiovascular diseases describing the causes of hypertension, the major determinants which control coronary blood flow, and the etiology of heart failure. This course is continued with the clinical characteristics (mechanism of action, benefits, adverse effects, interactions, and contraindications) of beta blockers, diuretics, vasodilators, calcium channel blockers, nitrates, ACE inhibitors, ARBs, cardiac glycosides and antiarrhythmics. In addition, the course provides the clinical characteristics of peptic ulcer and inflammatory bowel disease. Finally, the pharmacologic benefits of medications in each disease, the management guidelines, treatment algorithms, and patient educations of the studied disorders are fully covered.	

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
Pharmacology and Therapeutics- III	3+1
This course is designed to provide students with broad understanding of central nervous system pharmacology in addition to the pharmacology, pathophysiology, clinical pharmacokinetic and pharmacotherapy in major areas of endocrinology with special emphasis on the diabetes mellitus, thyroid disorders and osteoporosis. The course includes practical classes using case-based approaches related to the topics of this course.	
Pharmacology and Therapeutics- IV	3+1
This course is designed to provide students with integrated knowledge of basic pharmacology of various classes of antibacterial, antiviral and antifungal agents. Focus is emphasized on main indication of each antimicrobial, its significant adverse effect and precautions to avoid drug resistance. Furthermore, the course covers the management of selected infectious diseases based on evidence-based guidelines including lower respiratory tract, urinary tract, CNS, invasive fungal infections as well as HIV.	
Pharmaceutical Sciences (PS)	54
Physical Pharmacy	3+1
The course provides the basic understanding of physicochemical principles of dispersion systems (molecular, colloidal and coarse dispersions) such as pH, rheology, surface and interfacial phenomena. Furthermore, chemical stability of drugs and drugs solubility, dissolution and are also discussed.	
Natural Products- I	3+1
Natural products is a specific discipline taught only at pharmaceutical faculties deals with the versatile studies of drugs and auxiliary substances of biological origin (plant and animal products) used in human and veterinary medicine.	
Pharmaceutics I	:3+0
This course provides an introductory knowledge in pharmaceutical dosage forms especially liquids (syrups, elixirs and solutions). It also describes the routes of drug administration, drug delivery systems, excipients and pharmaceutical preparations. In addition, students will study the basics in drug dose calculation and other pharmaceutical calculations required in the compounding of prescriptions, powders reconstitution and dispensing of medications.	
Pharmaceutical & Medicinal Chemistry- I	4+0
Medicinal chemistry is the application of chemistry in the context of human medicine. This course describes the physicochemical, stereo-chemical aspects of drug action and biotransformation chemical reactions of phase I and phase II. This course also describes the chemistry and structure activity relationship of several classes of drugs that affecting cardiovascular system (cardiac glycosides, antianginal, antiarrhythmic and antilipidemic agents, anticoagulants, antiplatelets, and diuretics), cholinergic, adrenergic neurotransmission, and stimulating central nervous system. In this course student will gain knowledge about how the structure of a drug relates to its biological activity and metabolism. Students will also gain knowledge about drug designing and synthesis of different classes of medicinal agents.	
Pharmaceutical & Medicinal Chemistry- II	3+1
This course describes the medicinal chemistry of centrally acting drugs that includes opiate analgesics, nonsteroidal anti-inflammatory agent's analgesic-antipyretics, sedatives-hypnotics, antiepileptics, general anesthetics, psychotherapeutic drugs, antiparkinsonian and skeletal muscle relaxant. It also describes the drugs that affect neuronal transmission as local anesthetics. In this course student will gain knowledge about how the structure of a drug relates to its physicochemical properties, pharmacological activity and metabolism. Students will also gain knowledge and skills about drug designing, synthesis and analysis of different classes of medicinal agents.	
Natural Products- II	3+0
Natural Products II course provides the students information about the morphological and the histological characters of the fruits, barks, wood, marine plants and animals, their bioactive metabolites and their therapeutic uses. It also provides the students international guidelines for assessing the quality of natural products according to WHO and the scientific progress in the field of biosynthesis and tissue culture for the production of secondary metabolites of medicinal importance. It demonstrates a comprehensive knowledge and clear understanding of the different sources of natural drugs and the methods of their conservation and production.	
Phytochemistry	Credit Hours: 3+1

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
Phytochemistry course introduces the pharmacy students to the concept of the drugs derived from natural resources according to their biosynthetic origin as well to impart an understanding of natural product structures and the way they are put together in living organisms. The student should be aware with different methods of extraction, Isolation/identification as well as with the biological activities of the plant constituents of the acetate-malonate and shikimic acid pathways and the drugs containing these constituents. Therapeutic and toxicological activities of the secondary metabolites are also discussed in this course.	
Pharmaceutics- II	Credit Hours: 2+1
This course is centered on imparting an understanding of the types and characteristics of conventional solid (powders, tablets & capsules), liquid (suspension & emulsion) and semisolids (ointment, cream, paste, gel & suppositories) pharmaceutical dosage forms in details. It encompasses, definition, types, preparation, additives, vehicles, problems encounter preparation, and factors affecting stability; storage, packaging and specific quality control tests of each. This course also provides extensive practical exposure which enables the students to acquire technical, calculation, communication & dispensing skills. In addition of developing professional attitudes such as team work & values.	
Microbiology	3+1
Microbiology is an exciting discipline with far-reaching impacts in human health and disease. This course focuses on the principles of microbiology and includes the Structure, Morphology cultural characteristics, physiology and identification of some important pathogenic bacteria, virus and fungi. Also, the student will be aware of the mechanism of action of antibiotics, drug resistance and antibiotic susceptibility testing. The course also discusses various issues related to Sterilization, Sterility testing, Microbial spoilage & preservation of pharmaceutical products. Laboratory focuses on the Fundamental microbiological techniques.	
Pharmaceutics- III	2+1
The course is designed to extend the knowledge of the design and formulation of advanced pharmaceutical dosage forms including sterile dosage forms (parenteral, ophthalmic), oral sustained and controlled-release systems, & new drug delivery systems (The course also will focus on the application of the physicochemical properties of drugs and excipients in dosage form design, drug formulation, product stability and drug delivery systems. This course also provides extensive practical exposure which enables the students to acquire skills (technical, calculation, communication) attitudes & values such as punctuality & honesty.	
Pharmaceutical & Medicinal Chemistry –III	Credit Hours: 3+0
This course describes the medicinal chemistry of antibiotic and antimicrobial agents, antifungal, antiviral and antineoplastic agents. It also describes the drugs affecting immune system as antihistamines and antiulcer agents, endocrine system as insulin and oral hypoglycemic drugs, steroid hormones and therapeutically related drugs (corticosteroids, sex hormones) and thyroid drugs. In this course student will gain knowledge about the development of lead compound and how the structure of a drug relates to its physicochemical-pharmacokinetic properties, biological activity and pharmacological-clinical uses.	
Biopharmaceutics and Pharmacokinetics	3+1
The major focus in Biopharmaceutics will be concentrated on the various in vitro and in vivo factors that can affect drug performance in the body during the processes of liberation, absorption, distribution, metabolism, excretion with the purpose of evaluation of drug delivery systems, and the therapeutic management of patients. The pharmacokinetics section of the course provides a conceptual and quantitative background in pharmacokinetic theory and applications needed to pursue advanced studies in clinical pharmacokinetics.	
Pharmaceutical Analysis	3+1
This course is an introduction to modern instrumental methods of chemical analysis. It describes the theory of operation, instrument design and methodology, and applications of spectroscopic techniques of UV/VIS, Fluorescence, FTIR, AAS, MS, and NMR, and chromatographic methods that includes gas and liquid chromatography. Laboratory includes practical examples of the methods covered in lecture.	
Pharmaceutical Technology	3+1
This course designed to train students in various aspects of pharmaceutical industry and to provide a proper understanding in pharmaceutical pre-formulation studies, basic industrial processes (milling, mixing, drying, filtration and granulation), products packaging and good manufacturing practices in drugs manufacturing. In addition, the course stresses upon the technology of some advanced pharmaceutical dosage forms including transdermal patches and microencapsulation.	
Pharmaceutical Biotechnology	3+0

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
This course provides a balanced and comprehensive knowledge of the basic as well as applied aspects related to recombinant DNA technology, hybridoma technology and fermentation technology in pharmaceutical sciences, the use of hybridoma technology to produce monoclonal antibodies as potential antitumor agents, and the use of recombinant DNA technology to produce several drugs such as insulin, human growth hormone, hepatitis B vaccine, tissue plasminogen activator. Also, the student will be aware of characteristics of different types of Biotechnology Based Pharmaceuticals (Nucleic Acid Based Pharmaceuticals and Protein Based Pharmaceuticals) and delivery considerations, purification and stability of biotechnological drugs.	32
Clinical Sciences (CS)	32
Clinical Biochemistry	2+1
The course provides to the pharmacy students the knowledge and advance understanding of the metabolic pathways of different biomolecules and related clinical correlations in addition to integration of metabolic reactions in different human tissues and different physiological and pathological conditions. At the end of this course the students can able to analysis the medical report.	
Immunology	2+0
The aim of this course is to provide the students an understanding of immune system, familiarize them the important theories of immunology and the different types of failures of immune system. Also, the students should be aware with different types of immunoglobulins and immunogens and their functions, immunohematology and immune therapy which is a rapidly evolving area that will emphasize Biotherapeutics, Immune stimulants, Immune suppressants and Monoclonal antibodies.	
Applied Pharmacokinetics	2+0
The course deals with the concepts of clinical pharmacokinetics of certain drugs and calculation of doses of drugs during organ impairment and transplant clinical pharmacokinetics and therapeutic drug monitoring, drug administration, alteration of dosage form and doses based on individualization and population data, approach to therapeutic drug monitoring, case study of drugs requiring therapeutic monitoring.	
Pharmacy Practice	3+1
This course introduces students to various aspects of pharmacy practice. It covers the knowledge of minor diseases that can be managed by the pharmacist concerning etiology, symptoms, diagnosis, treatment, management and counseling. Moreover, the student will learn the different types of over-the-counter (OTC) medications used for a variety of medical cases, such as respiratory and GIT systems, skin and dental care, ears, eyes, nose and throat (ENT) problems, as well as pain management. Further areas of learning are women's health, children's care, and smoking cessation. This course will also provide the student with professional communication skills needed to deal with patients in the hospital and community pharmacy settings during an OTC therapeutic dialogue.	
Pharmaceutical Management	2+0
The aim of this course is to provide the students with the principles of management related to pharmacy practice. During this course, students are exposed to various management principles which enable them to efficiently manage pharmacy store.	
Hospital Pharmacy	2+0
The aim of this course is to provide the students with the knowledge of the principles of pharmacy practice in a hospital setting. It aims to enable students to gain knowledge to practice in various areas of hospital pharmacy including: understanding the basic layout of the pharmacy department in a hospital setting; understanding the roles of the pharmacist in hospital practice including the distribution of medications, medication compounding, collaboration as a member of the healthcare team. Furthermore, students will gain knowledge on identifying and reporting any possible drug interactions and mastering the administrative part of hospital pharmacy services including drug distribution control system & Unit Dose Systems. This course will also provide the students with knowledge on Hospital Formulary and extemporaneous preparations and calculations.	
Professional Skills in Practice	2+2
The aim of this course is to provide the students with the knowledge of the various health care providers, rapidly evolving types of healthcare delivery systems, and complexities of relationships among the various health care professionals working within the health care system. Students should be aware of the basic clinical skills required by pharmacists to get the insight they need to cultivate informed, compassionate and effective patient care.	
Clinical Pharmacy and Pharmaceutical Care	3+1

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
This course provides the knowledge and experience that enables the students to understand and describe clinical pharmacy and pharmaceutical care practice aspects. The aim of this course is to provide the students with the skills of treatment assessment, care plan developing and follow up evaluation. Also, the student will be provide with the skills of identifying different types of patients drug related needs, different types of drug related problems and taking decision with ethical considerations in the practice of clinical pharmacy.	
Pharmacogenomics	2+0
The goal of the course is to give students an understanding of the principles of human genetics and genomics as they apply to improving the problems in drug therapy optimization and patient care, thus providing basic understanding of discipline of pharmacogenomics. The genetic basis of variability in drug response can contribute to drug efficacy and toxicity, adverse drug reactions and drug-drug interaction. As such, pharmacists need a thorough understanding of the genetic component of patient variability to deliver effective individualized pharmaceutical care.	
Clinical Toxicology	2+0
The course is intended to empower students with basic knowledge of Toxicology. The major focus of the course is on principles, mechanisms, and common approaches for the management of poisoned patients. Selected topics are covered in this course that includes occupational, heavy metals and drug toxicities. Students will gain knowledge of how selected chemicals/drugs exert toxic effects, present and managed clinically.	
Pharmacoepidemiology & Pharmacovigilance	3+0
This course is equipping with a basic understanding of the concepts and practice of pharmacoepidemiology and pharmacovigilance in areas related to the assessment of drug safety and risk-benefit of drug use. This course will meet the needs of a wide variety of practitioners. This course covers the basic principles of epidemiological study designs. The process of drug development and limitation to the clinical trials are discussed in this course. The status of Pharmacovigilance System in the UAE is correspondingly discussed with the principles of pharmacovigilance. This course also introduces the students to the principles and techniques of pharmacoconomics and health outcome evaluation.	
Pharmacy Laws and Drug Regulations	1+0
The course covers various policies, laws & regulations related to pharmacy practice and pharmacy professionals dealing with licensing, pharmacy operations, controlled substances, and operations in institutions. Brief overview of the legal system including nature and sources of UAE laws on practicing pharmaceutical profession and trading in a medicine profession.	
Integrated Problem Based Learning	1+0
The course is clinically oriented to emphasize the pharmacotherapy in patient care. The students discuss different scenarios of patient cases where medical history, symptoms, clinical presentation and laboratory values are stated. The students are directed to raise the objectives of their study in order first to assess the possible drug-related problems, second to suggest possible solutions of these problems and finally to evaluate these solutions based on clinical evidence. This course will enhance the students' oral and written communication skills, and their abilities to extract information from medical records, search, sort, critically think and analyze drug-related information.	
Calculations in Practice	0
The aim of this course is to provide clear instructions of calculations to pharmacy students with thorough revision, and enabling them to perform flawless calculations accurately which develops confidence in them. Since pharmacist use calculations regularly in their practice, it is vital that they are able to employ calculation skills precisely so as not to compromise patient safety. Therefore the students should get a mandatory pass in this course before getting graduation	
Students Graduation Project (GP)	6
In the final phase of their studies, students have to present a project based on all round knowledge they have acquired in different areas of pharmaceutical sciences. The presented project is evaluated and the students are assessed for their knowledge by a panel of internal and external examiners.	
Professional Practice Experience (PPE)	12
Introductory Professional Practice Experience (PPE-I)	0
PPE001: Introductory Professional Practice Experience in Community for 200 hours during summer vacations in third year of BPharm.	

Course Description for the BPharm Program

COURSE DESCRIPTION	Credit Hours
Industrial Professional Practice Experience (PPE-II)	0
PPE002: Professional Practice Experience in Pharmaceutical Industry for 100 hours during fourth year of BPharm.	
Advanced Professional Practice Experience (PPE-III)	12
PPE003: Professional Practice Experience in Hospitals for 600 hours during fourth year of BPharm.	

ELECTIVE COURSES

EC 711 Islamic Culture and Science	Credit Hours: 2
<p>This course covers comprehensive concept of Islamic culture, resources, and its characteristics compared to other cultures. It shows how traditions, beliefs, thoughts and faith can frame people lives. Islamic culture source from divine teachings calling for honorable manners, good tidings & pure, peaceful Islamic community, commanding Muslims differentiate between permissible and prohibited. In addition to that, the course focus on the Basic Concepts of Islam & Science, contributions of Muslims in the development of science, ancient civilization (AD & Thamoud) & Islamic civilization. In addition, the course develops reflection ability aiming to increase students' faith by revealing some phenomena mentioned in the holy qur'an that are supported by man-made theories and observations & advanced technology, in the fields of physiology, chemistry, biology, botany etc.</p>	
EC 712 Organizational Behavior and Cultural Diversity	Credit Hours: 2
<p>This course exposes students to behavioral science theories and applications in management. Organizational behavior is an interdisciplinary field drawing from numerous disciplines including psychology, sociology, economics, organization theory and many others. Organization behavior helps the student to learn the value-added of "soft" management interventions. Understand and articulate how culture, society, and diversity shape the role of the individual within society and human relations across cultures.</p>	
EC 713 Basic Aspects of Social Sciences	Credit Hours: 2
<p>This course examines the perspectives and methods of sociology and analyzes human interactions in contemporary society. The development of sociology, culture, social structure, socialization, and social groups will be studied.</p>	
EC 714 Entrepreneurship and Innovation	Credit Hours: 2
<p>This course aims to provide students with an understanding of the nature of enterprise and entrepreneurship and introduces the role of the entrepreneur, innovation and technology in the entrepreneurial process. It is not about small business or life style businesses but instead the development of growth oriented businesses - whether for-profit or not-for-profit. Entrepreneurship is both a way of thinking and of doing.</p>	
EC 721 Nutrition and Health	Credit Hours: 2
<p>Nutrition and Health course provides the pharmacy students basics of nutrition by discussing the nutrients, their function in the human body and their sources in the diet. This course gives the students an understanding of the causes behind health issue related to nutrition. The course makes the students aware about what to eat and how to choose healthy foods. The course also makes the students to solve nutrition-related problems and make healthy food and nutrition decisions.</p>	
EC 722 Alternative and Complimentary Medicine	Credit Hours: 2
<p>Alternative and Complementary Medicines course provides the students a broad range of complementary therapies and how these can be utilized to enhance health. The students will be able to locate and evaluate credible information about complementary therapies and wellness. This course also covers the treatment of different diseases by herbal therapy, dietary health supplements, aromatherapy, relaxation therapy, minerals and vitamins supply, acupressure, ayurvedic medicine therapy, homeopathy and hydrotherapy</p>	
EC 723 Fundamental of Cosmetic Science	Credit Hours: 2

This course is extensive integration of pharmaceutical basic s with clinical applied science. This will enable Students to emerge from this course with knowledge of cosmetic products regarding skin nature as well as formulations, indications and unwanted effects, safety, action, uses & ingredients, vehicles, used in cosmetics & dentifrices products. This information is of particular interest for conveying proper counseling to consumers looking for Pharmacist's consultation in pharmacy practice. In addition to information regarding actions, safety & different cosmetic preparations, method of production, organoleptic properties, stability & evaluation tests allow them to be as a drug expert in the field of industrial pharmacy for manufacture of these products.

EC 731 Nuclear Pharmacy

Credit Hours: 2

Nuclear pharmacy is a specialty area of pharmacy practice dedicated to the compounding and dispensing of radioactive materials for use in nuclear medicine procedures. This course covers basic concepts involved with radioactivity, different types of radiations, radiation dose, nuclear medicines, and diagnostic & therapeutic applications of nuclear medicines.

4) GRADING SCHEME

Students are assigned grades (letters) for each course in which they have enrolled. The letter reflects the student's achievement in the course. The minimum grade for passing a course is letter (D) and grades are written in letters according to the following table:

Range of Marks	Grade Point	For BPharm	
		Evaluation	Grade Symbol
95- 100	4	Outstanding	A+
90 – 94.99	3.75	Excellent	A
85 – 89.99	3.50	Very Good	B+
80 – 84.99	3.00	Good	B
75 – 79.99	2.50	Satisfactory	C+
70 – 74.99	2.00	Pass	C
65 – 69.99	1.5	Unsatisfactory	D+
60 – 64.99	1.0	Unsatisfactory	D
Below 65	Failed	Failed	F
Administrative Codes			
Incomplete		I	
Withdraw		W	

Computation of the Cumulative Grade Point Average (CGPA) and Grade Point Average (GPA)

- The GPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total by the number of total credit hours taken in a semester.
- The CGPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total of all courses by the number of total credit hours taken for all semesters.
- By contrast, the GPA is the average of grade points of all courses in one semester, whether she passed or failed the course.
- As mentioned earlier, the CGPA is the average of grade points of all courses in all semesters.
- Both GPA and CGPA are rounded to the nearest decimal units. GPA and CGPA are calculated according to the following formula

GPA =	Total (credit hours per course x grades received per course) for all courses taken in one semester
	Total credit hours for all courses taken in one semester
CGPA =	Total (credit hours per course x grades received per course) for all the courses taken in all semesters
	Total credit hours for all the courses taken in all semesters

GPA / CGPA	B. Pharm
	Evaluation
3.75 - 4.00	Outstanding
3.74 - 3.60	Excellent
3.00 - 3.59	Very Good

2.50 - 2.99	Good
2.00 - 2.49	Satisfactory
Less than 2.00	Unsatisfactory

Types of Assessment:

Written Examination (Mid semester and Final exam): Written examination assures that students have attained the appropriate knowledge related to the profession which can be applied in learning the skills. These exams measure the comprehension of students and their improvement.

Oral exam: The oral evaluation gives feedback from the students on how they see the relative importance of the different topics. The oral exam is suitable for many types of performance and for working with different competencies. If students' oral communication in a specific area or in general is important, an oral exam is to be preferred.

Practical and laboratory work: The practical exam evaluates the skills gained by the student which they have learned in all over the practical sessions offered in the course. It identifies the student's level of performance while demonstrating well-developed skills.

Assignment: Assignments are evaluated through rubric scores based on different criteria's. It helps to measure the student's ability to understand the theoretical knowledge in depth. Assignments assess the student's ability to gather the information, processing, interpreting and drawing conclusions.

Case study: A specific and detailed description of an event, situation, or circumstance that is presented to a student for study and analysis.

Scientific Poster: A large, printed sheet intended for display and containing words, illustrations, or both to provide general or specific information for broad or targeted students.

Professional Practice Experience reports: The PPE reports develop observation and recording skills. Students' efficiencies can be measured through the submitted reports which give the detail of students learning activities during the training.

Article review and Presentation: Students ability to appraise the literature will be assessed based on their interpretation and presentation of research paper.

Self-assessment: Students develop their own list of characteristics and judge their own work. Students learn to monitor their own progress and will strive to improve.

PBL: Students active participation, involvement in the group discussion will be peer assessed and also assessed by the instructor. Observations will be recorded as a narrative and highly structured format, such as a checklist. Students knowledge applied in the problem based discussions will be assessed through quiz (teaching and assessment methodologies are presented in the related course descriptor).

Students Graduation Project:

A project submitted by the students in the fourth year of B. Pharm., based on all round knowledge they have acquired in the four main areas viz., Pharmaceutics, Pharmaceutical Medicinal Chemistry, Natural Products,

Pharmacology, Therapeutics and Clinical. This project includes a research work, which the students carry out on recent developments in pharmaceutical sciences.

Examination Schedule:

The students shall take their exams as per the schedule fixed by the College in the light of the following rules and regulations: The students shall take their exams as per the schedule fixed by the College in the light of the following rules and regulations. Final exams will be held at the end of the semesters (Fall and Spring), on completion of the prescribed syllabus.

Re-sit Exams:

- Re-sit exams for all the subjects considered necessary shall be held at the end of second semester within a week after the declaration of the examination results.
- Not more than one re-sit exam for any subject shall be allowed within one academic year.

5) ACADEMIC PROGRESS

Satisfactory Progress

A student must maintain a semester GPA of 2.00 to be considered making satisfactory progress.

Probation

Students who fail to achieve a semester GPA of 2.00 shall be placed on probation for one semester. If the student achieves a semester GPA of 2.00 or better during the probationary semester she makes satisfactory progress but has not achieved the required semester GPA of 2.00, the student may continue on probation for one additional semester and will be allowed to appear in the supplementary exams held in September each year for both semesters.

Unsatisfactory Progress

If the student on probation fails to achieve a semester GPA of 2.00 at the end of the first probationary semester, the student will be reported to the Dean as making unsatisfactory progress. The student will be permitted to remain on probation for one additional semester.

A student who fails to achieve a semester GPA of 2.00 at the end of the second consecutive probationary semester shall be reported by the Examination and Evaluation Unit to the Dean's Office as making unsatisfactory progress.

Note: If a student fails to obtain the GPA 2.0 (70%) then she should repeat the course(s) in which unsatisfactory grades (D/D+) are got. In case, failing to improve the grades even after repeating the course(s) those students will be dismissed from the College.

Policy for Completion of Under graduation

A student will be awarded Bachelor of Pharmacy (B.Pharm) degree subject to fulfilling the following requirements:

- **Completion of all courses, Professional Practice Experience, Students Graduation Project and to pass in Calculation in Practice course as specified in the study plan**

Students enrolled in this program are exposed to a core professional curriculum that includes the basic sciences, basic biomedical sciences; pharmaceutical sciences; and clinical sciences in addition to general education and elective courses.

The curriculum, which is offered through 168 credit hours (CH), is organized to include 131 CH core requirement courses, 6 CH elective courses and 13 CH general education courses, 12 CH of Professional Practice Experience and 6 CH Students Graduation Project.

- **Maintain a CGPA of at least 2.0 on a 4.0 scale.**
- **Minimum and maximum periods of enrolment for the completion**
The minimum duration required for completion of the BPharm program is 4 years and the maximum period should not exceed 6 years.

6) FACULTY FOR B.PHARM

Name	Degrees	Institution	Year
Prof.Dr. Saeed Ahmed Khan Dean, Professor and Head Pharmaceutical & Medicinal Chemistry Department	M. Sc (Chemistry)	Aligarh Muslim University	1980
	M. Phil. (Chemistry)	(India)	1982
	Ph. D. (Chemistry)	Delhi University (India)	1985
		Delhi University (India)	
Prof. Dr. Heyam Saad Professor in Pharmaceutics	M. Pharm.	University of Khartoum	1996
	Ph. D. (Pharmaceutics).	(Sudan) University of Khartoum (Sudan)	2000
Prof. Dr. Naglaa Gamil Chief Academic Officer Professor, Natural Products	B.Pharm	Cairo University (Egypt)	1991
	M.Pharm. (Pharmacognosy)	Cairo University (Egypt)	1998
	Ph.D.(Pharmacognosy & Phytochemistry).	Cairo University (Egypt)	2004
Prof. Dr. Amina Mahdy Head Community Engagement Associate Professor in Pharmacotherapeutics	M. Sc. (Pharmacology & Toxicology)	Cairo University (Egypt)	1996
	Ph.D. (Pharmacology & Toxicology)	Cairo University (Egypt)	2002
Prof. Dr. Aliasgar Fakruddin Shahiwala Graduate Program Director Professor in Pharmaceutics	M.Pharm.	M.S.University (India)	1999
	Ph. D. (Pharmacy)	M.S.University (India)	2005
	Postdoctorate	Northeastern University (USA)	2007
Prof. Mirza Baig Head, Clinical Pharmacy and Pharmacy & Pharmacotherapeutics Department Professor in Clinical Pharmacy	MPharm	RGUHS, India	2003
	PhD (Clinical Pharmacy)	University Science Malaysia	2011
Prof. Bazigha K. Abdul Rasool Head, Research, Laboratories and Facilities Professor in Pharmaceutics	Ph.D. (Pharmaceutics)	University of Baghdad, (Iraq)	2004
	M.Sc. (Pharmaceutics)	University of Baghdad (Iraq)	1998
	B. Pharm (Pharmacy Sciences)	University of Baghdad (Iraq)	1990
Dr.Fazilatun Nessa Associate Professor in Pharm.& Medicinal Chemistry	B.Pharm	University of Dhaka	1989
	M.Pharm(Pharmaceutical Chemistry)	(Bangladesh)	1991
	Ph.D. (Pharmaceutical Chemistry)	University of Dhaka (Bangladesh)	2004
		University Sains Malaysia(Malaysia)	
Dr. Gazala Afreen Khan Head, Examination and Evaluation Unit Assistant Lecturer Medical Science Department	M. Sc (Genetics)	Osmania University (India)	1998
	Ph. D. (Molecular Genetics)	Osmania University (India)	2004

Dr. Juliana F Roos Head, Professional Practice Experience Unit Associate Professor in Clinical Pharmacy	BSc Industrial Pharmacy BSc Pharmacy Knowledge Assessment of Pharmaceutical Sciences (KAPS) Phd (Pharmacy) Postgraduate Diploma in Clinical Pharmacy	UNIVALI (Universidade do Vale do Itajai) University of Queensland, Australia	2000 1999 2013 2007 2003
Dr. Arwa Mohamed Amin Mostafa Assistant Professor in Clinical Pharmacy	BSC. Pharmaceutical Sciences Postgraduate Diploma in General Management Sciences M. Pharm (Clinical Pharmacy) PhD (Clinical Pharmacy)	Helwan University, Egypt Sadat Academy for Management sciences, Egypt Universiti Sains Malaysia Universiti Sains Malaysia	2000 2003 2013 2016
Mrs. Sabeena Salam Assistant Lecturer in English	M.Phil. (English for Specific Purposes) B.Ed (English) CELTA	Pondicherry University (India) Calicut University (India) University of Cambridge (Dubai)	1995 2002 2007
Dr. Rawoof Khan Assistant Professor in Pharmacology	MPharm PhD (Pharmacy)	Annamalai University, India Periyar Maniyammai University, India	2006 2014
Mrs. Doaa Kamal Assistant Lecturer in Clinical Pharmacy	M.Sc. (Clinical Pharmacy) BPharm	Jordan University (Jordan) Dubai Pharmacy College (UAE)	2010 2002
Mrs. Rana Sammour Assistant Lecturer	Msc. Pharmaceutical Technology BPharm	Ajman University of Science and Technology Dubai Pharmacy College UAE	2013 2003
Ms. Yousra Adnan Assistant Lecturer	BPharm	Dubai Pharmacy College (UAE)	2006
Ms. Eiman Shams Eddin Elgailani Assistant Lecturer	MPharm Clinical Pharmacy BPharm	Dubai Pharmacy College UAE) Dubai Pharmacy College UAE)	2015 2005
Ms. AlZahraa Mahmoud Hussain Assistant Lecturer	MPharm Pharmaceutical Product Development BPharm	Dubai Pharmacy College UAE) Dubai Pharmacy College (UAE)	2016 2008
Ms. Khuloud Abu Shawish Teaching & Research Assistant.	BPharm	Dubai Pharmacy College	2014
Ms. Sara Salwan Teaching Assistant	BPharm	Dubai Pharmacy College	2015
Ms. Suzan			
Ms. Doua Mohamad Osman Lecturer in Psychology	Bachelor's Degree in the School of Psychology	Alahfad University for Women (Sudan)	2008

FACULTY from DMCG	
Dr. Shifaan Khanday Assistant Professor in Anatomy	Prof. Dr. Hafez Professor in Biochemistry.
Dr. Abeer Abdel Moneim Assistant Professor in Physiology	Prof. Dr. Najlaa Raafat Abdl Raob, Professor in Biochemistry.
Dr. Rasha Associate Professor in Physiology	Prof. Samia Professor in Psychology
Dr. Riham Assistant Professor in Pathology	Prof. Ghazala Mehdi Professor in Pathology
Dr. Wafiq Shafiq Head, Educational Informatics Unit, Lecturer in Informatics	

PART – TIME FACULTY	
Dr. Azam Ayub, Ph. D. (Pakistan) Lecturer in Mathematics & Statistics	Prof Jinan PhD (UK) Assistant Professor in Islamic Studies
Dr. Mariem Galadari Lecturer in Pharmacy Laws	Mrs. Farzana Firdouse Lecturer in Computer Applications

SUPERVISORS FOR PROFESSIONAL PRACTICE EXPERIENCE	
HOSPITALS Prof. Dr. Ali Syed Hussain, M.Sc., Ph.D.(USA) Director, Pharmaceutical Services,	PHARMACEUTICAL INDUSTRY Mr. Idrees Siddiqui Manager Technical Operations

<p>Coordinator, Professional Practice Experience, Dubai Health Authority-Dubai</p> <p>Mrs. Amal Ali Salem, B. Pharm.</p> <p>Chief Pharmacist Supervisor, Al Wasl Hospital- Dubai.</p> <p>Mr. Moh'd Sameh Ali, B. Pharm.</p> <p>Chief Pharmacist, Supervisor, Rashid Hospital- Dubai.</p> <p>Mr. Murtada Mohd., B. Pharm.</p> <p>Actg., Chief Pharmacist, Supervisor- Dubai Hospital, Dubai.</p> <p>Mrs. Fareeda Al Khaja, B. Pharm.</p> <p>(Egypt)Chief Pharmacist Supervisor, Al Maktoum Hospital- Dubai.</p> <p>Ms. Lara Qadir</p> <p>Mafraq Hospital, Abu Dhabi</p> <p>Ms. HebaElkholy</p> <p>SKMC Hospital, Abu Dhabi</p> <p>Ms. Mahat Hussain</p> <p>Senior Pharmacist (Dubai Health Authority</p>	<p>Global Pharma Co LLC, Dubai- UAE</p> <p>Mr. Ijaz Sheikh</p> <p>Pharmaceutical Industry</p> <p>Mr. EjazShahid</p> <p>Pharmaceutical Industry</p>
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Academic and Assessment Policies of M.Pharm Clinical Pharmacy

1) PROGRAM LEARNING OUTCOMES

Program outcomes of MPharm (Clinical Pharmacy) program are specifically aligned with the Level 9 of the Qualifications Framework for the UAE approved by The Board of the National Qualifications Authority (NQA) known as the *QF Emirates*.

A. Knowledge: On completion of the M. Pharm. program, the graduates will be able to:	
<p>A.1. Demonstrate specialist and comprehensive knowledge required in providing specialized Clinical services required in hospitals and other clinical environments.</p> <p>A.2. Comprehend the ethical, legal and quality principles of professional practice in clinical pharmacy practice.</p>	<p>Learning/Teaching methods Lectures, tutorials, office hours, seminars</p> <p>Methods of Assessment Written & Oral exams. OSCE Case Presentations</p>
B. Skills: On completion of the M. Pharm. program, the graduates will be able to:	
<p>B.1. Identify, analyze, deploy and utilize appropriate information in clinical case discussion and evaluate the pharmaceutical care required for the case.</p> <p>B.2. Critically evaluate the available literature in the field of clinical pharmacy for the evidence based medicine.</p> <p>B.3. Demonstrate effective project management skills.</p> <p>B.4. Communicate effectively orally and in writing and deploy a range of presentation techniques and strategies to present, explain and critique information within workplace settings.</p>	<p>Learning/Teaching methods PBL, Clerkships Research project, Assignments, Case studies, seminars, Demonstrations</p> <p>Methods of Assessment OSCE Assignments Case presentations Problem based learning Presentations Dissertation evaluation & defense</p>
C. Competences: On completion of the M. Pharm. program, the graduates will be able to:	
Autonomy and responsibility	
<p>C.1. Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level through clerkship and research project.</p> <p>C.2. Demonstrate ability to use skills to make decisions in complex situations where there are several factors that require analysis, interpretation and comparison.</p>	<p>Learning/Teaching methods PBL, Clerkships, Research project Assignments, Case studies, seminars, Demonstrations</p> <p>Methods of Assessment OSCE Assignments Case Presentations Problem based learning Presentations Dissertation evaluation & defense</p>
Self-development	
<p>C.3. Practice self and continuing professional learning through reference books, published data, scientific publications and websites and attendance of seminars, workshop and conferences.</p> <p>C.4. Utilize and contribute to the available scientific literature in the field of clinical pharmacy and pharmacy practice.</p>	
Role in context	
<p>C.5. Deal with complex issues both systematically and creatively, make sound judgments in the absence of complete data, and communicate their conclusions clearly to specialist and non-specialist audiences</p> <p>C.6. Interact with professional colleagues and demonstrate team-working and leadership abilities in various professional contexts.</p>	

2) TEACHING PLAN

FIRST YEAR					
<i>First Semester</i>					
Course Code	Course	Prerequisite	Contact hours/week		Credit hours
			Lecture	Case studies	
CP901	Clinical Pharmacy Practice	--	2	-	2
CP902	Pharmacovigilance		1	-	1
CP903	Clinical Pharmacokinetics	--	2	-	2
CP904-1	Pharmacotherapeutics-I	--	3	2	4
Total Credit Hours					9
<i>Second Semester</i>					
Course Code	Course	Prerequisite	Contact hours/week		Credit hours
			Lecture	Case studies	
CP904-2	Pharmacotherapeutics-II	--	3	2	4
CP904-3	Pharmacotherapeutics-III	--	2	-	2
CP905	Pharmacoeconomics	--	1	-	1
CP906	Clinical Pharmacology	--	2	-	2
CP907	Clinical Research Methodology & Biostatistics	--	2	-	2
Total Credit Hours					11

SECOND YEAR				
Major Clerkship		Prerequisite	Duration (weeks)	Credit hours
CPC-IM-C	Internal Medicine		4	2
CPC-ID-C	Infectious Diseases		4	2
CPC-PD-C	Pediatrics		4	2
CPC-ICM-C	Intensive Care Medicine		4	2
CPC-S-C	Surgery		4	2
CPC-OG-C	Obstetrics & Gynecology		4	2
Minor Clerkship (Any two)			Duration (weeks)	Credit hours
CPC-PSY-E	Psychiatry		2	1
CPC-TDM-E	Therapeutic Drug Monitoring		2	1
CPC-DIS-E	Drug Information Service		2	1
CPC-TPN-E	Total Parenteral Nutrition	--	2	1
CPC-AC-E	Ambulatory Care/ Community Pharmacy		2	1
Research Project & Dissertation [CP-RP]		CP907	--	6
Credit hours (Total)				20

3) COURSE DESCRIPTION

First Semester: 9 CH

Second Semester: 11 CH

Third Semester: 10 CH

Fourth Semester: 10 CH

TOTAL: 40 CH

CP901: CLINICAL PHARMACY PRACTICE (2 CH, First Semester)

Course Coordinator: Prof. Mirza Baig

This course introduces to the concepts and abilities required for a clinical pharmacist in relation to interpersonal skills and their responsibilities for caring and respecting the patients' needs and beliefs. Legal and ethical issues are also discussed in this course. The student works with and discuss real and complex patient cases with a focus on drug-related problems, while highlighting the need for continual professional development. Pharmacist Interventions, wider public health issues, and the awareness of guidelines are also studied to reflect the changes which occur in drug development and disease management.

CP902: PHARMACOVIGILANCE (1 CH, First Semester)

Course Coordinator: Dr. Ritu Pahuja, Prof. Mirza Baig

This course covers the principles of Pharmacovigilance methodology, reporting of adverse drug reactions, identifying the sources and documentation of Individual Case Safety Reports (ICSRs), medical dictionary (MedDRA) and Medical aspects in Pharmacovigilance, safety monitoring in Clinical Trials and signal detection.

CP903: CLINICAL PHARMACOKINETICS (2 CH, First Semester)

Course Coordinator: Prof. Aliasgar Shahiwala

This course is designed to provide students with various important aspects of basic concepts & principles of pharmacokinetics with special emphasis on clinical applications. Principles of clinical pharmacokinetics will be thoroughly covered with special emphasis on pharmacokinetic variability, therapeutic drug monitoring, individualization of drug therapy, kinetics of drug interaction and pharmacokinetic approach to new drug discovery.

CP904-1: PHARMACOTHERAPEUTICS I (3+1 CH, First Semester)

Course Coordinator: Dr. Juliana F Roos, Ms. Eman Shamselddin

The aim of this course is to provide the students with the knowledge of the pathophysiology, clinical presentations, pharmacology of drug classes used for disease management (pharmacokinetics, pharmacodynamics, drug/drug interactions, dosage calculations, and adverse effects), treatment algorithm,

and goals of therapy and patient education of: 1) Cardiovascular, 2) Endocrine and 3) Gastroenterology disorders.

CP904-2: PHARMACOTHERAPEUTICSII (3+1 CH, Second Semester)

Course Coordinator: Dr. Juliana Roos, Ms. Eman Shamselddin

The aim of this course is to provide the students with the knowledge of the pathophysiology, clinical presentations, pharmacology of drug classes used for disease management (pharmacokinetics, pharmacodynamics, drug/drug interactions, dosage calculations, adverse effects), treatment algorithm, goals of therapy and patient education of: 1) Infections, 2) Oncology, 3) Hematological, 4) Renal, and 5) Respiratory disorders.

CP904-3: PHARMACOTHERAPEUTICS III (2 CH, Second Semester)

Course Coordinator: Dr. Arwa Mohammed

This course covers the pathophysiology, clinical presentations, pharmacotherapy of drug classes used for disease management (pharmacokinetic, pharmacodynamics, drug/drug interactions, dosage calculations, adverse effects), treatment algorithm, goals of therapy and patient education) of Rheumatology, Immunology disorders, Neurology disorders, Psychiatric disorders, and dermatovenerology and also expose the students to current epidemics.

CP905: PHARMACOECONOMICS (1 CH, Second Semester)

Course Coordinator: Prof. Mirza Baig

This course covers the introduction of pharmacoconomics, need and practice of pharmaco-economic analyses in drug management, basic types of pharmaco-economic analyses, drug utilization studies. This course also covers the description of measuring quality-adjusted life years (QALYs) and analysis of costs.

CP906: CLINICAL PHARMACOLOGY (2 CH, Second Semester)

Course Coordinator: Dr. Rawoof Khan

The aim of this course is to covers the advanced understanding of various Special aspects topics which deals with Immunosuppressive Agents, clinical uses of Immunosuppressive Drugs, Immunologic Reactions to Drugs & Drug Allergy. Diagnosis and staging of cancer is also covered with special aspects on cancer chemotherapy.

This course also includes study of advanced concepts in prenatal, pediatric and geriatric pharmacology. During the course, students will learn to make selected clinical decisions regarding using current, reliable sources of information, understanding of pharmacokinetics and pharmacodynamics, developmental physiologic considerations, monitoring and evaluating the effectiveness of drugs and the management of poisoned patients

CP907: CLINICAL RESEARCH METHODOLOGY AND BIOSTATISTICS (2 CH, Second Semester)

Course Coordinator: Dr. Arwa Mohammed

This course is the integration of epidemiological and biostatistical techniques with an emphasis on applications to clinical research (including study design, bias and confounding, hypothesis testing, confidence intervals, sample size calculations, and introduction to parametric and nonparametric test). Students will gain practical skills in developing a research project and in carrying out data analyses.

Clinical Clerkships (14 CH, Third & Fourth Semester)

Clinical clerkship is for 14 weeks each during third and fourth semester, during which students will be assigned primarily to clinical rotations in different hospital departments of Dubai Health Authority approved facilities. Each student's experience will include total four weeks each on Internal medicine, Infectious diseases, Pediatric care, Intensive Care, Surgery, Obstetrics & Gynecology, and a two week blocks on two of the following Selection:

- ☐ Psychiatry
- ☐ Drug Information Service
- ☐ Therapeutic Drug Monitoring
- ☐ Total Parenteral Nutrition
- ☐ Ambulatory Care/Community Pharmacy

Research Project & Dissertation (6 CH, Third (3CH) & Fourth (3CH) Semester)

After successful completion of didactic courses in year one in Dubai Pharmacy College for Girls (DPC), Students are required to go for clinical clerkship rotation in Hospitals in Year two. During their training, students are required to conduct a publishable research for a minimum of 12 weeks in clinical, hospital or community related topics. The research project must exhibit original investigation, analysis and interpretation. All the senior academic staff of Clinical Pharmacy and Pharmacy Practice unit will be involved in supervising the M. Pharm Clinical pharmacy postgraduate students in their research as part of the curriculum. Students are required to prepare a proposal for their research/review topic. If the project involves interaction with the patients or patient data, then they are required to apply for institutional ethical approval in DPC. They are also required to get an approval from DHA/MoH, if the data collection site is in DHA/MOH hospitals. Students utilize hospital databases, library databases to conduct the research/reviews. Students have to submit the report at the end of Clerkship training and have to do final presentation of the research to fulfill the requirement of Master of Pharmacy (clinical pharmacy) program.

4) GRADING SCHEME

Grading at the graduate level is intended to offer feedback to students on their performance in a given course, including once students reach the dissertation and dissertation stage. Faculties are encouraged to specify course requirements and grading expectations for students.

Students are assigned grades (letters) for each course which reflects the student's achievement in the course. The minimum grade for passing a course is letter (C) and grades are written in letters according to the following table:

Range of Marks	Grade Point	Evaluation	Grade Symbol
95 - 100	4	Outstanding	A+
90 – 94.99	3.75	Excellent	A
85 – 89.99	3.50	Very Good	B+
80 – 84.99	3.00	Good	B
75 – 79.99	2.50	Satisfactory	C+
70 – 74.99	2.00	Pass	C
65 – 69.99	1.5	Unsatisfactory	D+
Below 65	Failed	Failed	F
Administrative Codes			
Incomplete		I	
Withdraw		W	

Computation of the Cumulative Grade Point Average (CGPA) and Grade Point Average (GPA)

The GPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total by the number of total credit hours taken in a semester. The CGPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total of all courses by the number of total credit hours taken for all semesters. Both GPA and CGPA are rounded to the nearest decimal units. GPA and CGPA are calculated according to the following formula:

$$\text{GPA} = \frac{\text{Total (credit hours per course x grades received per course) for all courses taken in one semester}}{\text{Total credit hours for all courses taken in one semester}}$$

$$\text{CGPA} = \frac{\text{Total (credit hours per course x grades received per course) for all the courses in all semesters}}{\text{Total credit hours for all the courses taken in all semesters}}$$

GPA / CGPA	Evaluation
3.75 - 4.00	Outstanding
3.74 - 3.60	Excellent
3.00 - 3.59	Good
2.50 - 2.99	Satisfactory
2.00 - 2.49	Unsatisfactory

Incomplete Grades

A student who is unable to attend the final exam of any course because of extenuating circumstances such as serious illness, accident or death of a family member during the final examination period seeks an incomplete grade "I" for the course.

Progress Policy Guidelines

Satisfactory Progress

- A student must maintain a semester GPA of 3.00 to be considered making satisfactory progress.

Probation

- Students who fail to achieve GPA of 3.0 (80%) in taught semesters (first and second) will be put on probation and will be allowed to appear in the supplementary exams held in February and September each year for first and second semester. Students need to repeat the courses with grades lower than C. If she again fails to obtain the GPA 3.0 (80%), then second and last attempt will be given. Failing to improve the grades even after repeating the course(s) will lead to the dismissal from the program.
- Students are allowed to take second semester with condition that no prerequisite courses have grades lower than C. No students are promoted to second year (dissertation work and/or clinical clerkships) unless she secures minimum GPA of 3.0 in both first and second semester.
- Students who fail to secure at least 80% marks in clerkships, have to repeat the respective clerkship during next six months. If the student again fails to secure at least 80% marks in clerkship, she will be withdrawn from the college.
- Students who fail 80% marks for their research project will not graduate. However, the student has the option to revise and resubmit a failed dissertation. If the student does not contact Graduate Program Director requesting to revise and resubmit the dissertation within the designated 4 weeks' time period or, once approved to revise the dissertation, does not re-submit the revised dissertation by the 6 months' deadline, the dissertation will be deemed to have failed and the student will be withdrawn from the university. Should the re-examination fail to pass the dissertation, the dissertation will be deemed to have failed the examination process and the student will be withdrawn from the college.

Graduation requirements

MPharm degree will be awarded to students who successfully complete all the requirements of graduation. The requirements of the graduation are:

1. She should pass all the courses both theoretical and practical as per assessment and grading rules of the college.
2. She should successfully complete required clerkships in hospitals approved by college.
3. She should complete a major research project and successfully defend it in front of panel of external and internal examiners appointed by college.
4. She should secure overall CGPA (Cumulative Grade Point Average) of 3 (80%) in all the above mentioned in 1, 2 and 3.
5. In all such cases, maximum duration of 3.5 years is allowed upon recommendation of the Graduate Program Director and permission from the Dean.

6) FACULTY FOR MPharm (CLINICAL PHARMACY)

Faculty	Degrees	Institution	Year
Prof. Mirza Baig Head, Clinical Pharmacy and Pharmacy Practice Department Professor in Clinical Pharmacy	PhD (Clinical Pharmacy)	University Science Malaysia	2011
Dr. Juliana F Roos Associate Professor in Clinical Pharmacy	Knowledge Assessment of Pharmaceutical Sciences (KAPS) Phd (Pharmacy) Postgraduate Diploma in Clinical Pharmacy	University of Queensland, Australia	2013 2007 2003
Dr. Rawoof Khan Assistant Professor in Pharmacology	PhD (Pharmacy)	Periyar Maniyammai University, India	2014
Dr. Arwa Mohammed Assistant Professor in Clinical Pharmacy	PhD (Clinical Pharmacy)	University Science Malaysia	2016
TEACHING ASSISTANT			
Ms. Eiman Shamseldin Assistant Lecturer in Clinical Pharmacy	MPharm (Clinical Pharmacy)	Dubai Pharmacy College for Girls (UAE)	2016
ADJUNCT FACULTY MEMBERS			
Prof. Dr. Ali Sayeed Hussain	Professor, Department of Clinical Pharmacy & Pharmacy Practice, Director-Pharmaceutical Services, Dubai Health Authority		
Dr. Ritu Pahuja	Assistant Professor, Department of Clinical Pharmacy & Pharmacy Practice		

Academic and Assessment Policies of M.Pharm PPD

1) PROGRAM LEARNING OUTCOMES:

Program outcomes of MPharm (**Pharmaceutical Product Development**) are specifically aligned with the Level 9 of the Qualifications Framework for the UAE approved by The Board of the National Qualifications Authority (NQA) known as the *QFEmirates*.

A. Knowledge: On completion of the M. Pharm. program, the graduates will be able to:	
On completion of the MPharm program, the graduates will be able to: A.1. Demonstrates specialist and comprehensive pharmaceutical knowledge in development and evaluation of pharmaceutical formulations. A.2. Comprehend the ethical, legal and quality principles of professional practice in the field of specialization.	Learning/Teaching methods and strategies Lectures, tutorials, office hours, self-study Types/Methods of Assessment Written & Oral exams, presentations
B. Skills: On completion of the M. Pharm. program, the graduates will be able to:	
Skills On completion of the MPharm program, the graduates will be able to: B.1. Evaluate physicochemical and pharmacokinetics aspects in stable pharmaceutical product development. B.2. Critically evaluates the available literature in the field of pharmaceutical formulation development. B.3. Demonstrate effective project management skills. B.4. Communicate effectively orally and in writing and deploy a range of presentation techniques and strategies to present, explain and critique information within workplace settings.	Learning/Teaching methods and strategies Problem based learning, Team based learning, Labs, research project, assignments, literature review, demonstrations Types/Methods of Assessment Practical exams, Assignments Oral exams, Problem solving, Presentations.
C. Competences: On completion of the M. Pharm. program, the graduates will be able to:	
Autonomy and responsibility C.1. Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level through executing major research project. C.2. Demonstrates ability to use skills to make decisions in complex situations where there are several factors that require analysis, interpretation and comparison. Role in context C.3. Deal with complex issues both systematically and creatively, make sound judgments in the absence of complete data, and communicate their conclusions clearly to specialist and non-specialist audiences	Learning/Teaching methods and strategies Problem based learning, Team based learning, Labs, research project, assignments, literature review, demonstrations Types/Methods of Assessment 1. Assignments 2. Lab reports 3. Problem based learning 4. Presentations 5. Research Project

<p>C.4. Undertake major formulation development project dealing with related ethical, quality, regulatory, intellectual property and stability related issues.</p> <p>Self-development</p> <p>C.5. Practice self and continuing professional learning through reference books, published data, scientific publications and websites and attendance of seminars, workshop and conferences.</p> <p>C.6. Utilize and contribute to the available scientific literature in the field of pharmaceutical formulation development.</p>	<p>6. Dissertation evaluation & defense</p>
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2) TEACHING PLAN

First Semester: 9 CH core courses

Second Semester: 12 CH core courses

Third Semester: 5 CH core courses

Third & Fourth Semester: 10 CH Research Project & Dissertation

TOTAL: 36 CH

FIRST YEAR					
FIRST SEMESTER					
Code	Courses	Prerequisite	Contact Hours/Week		Credit Hours
			Lecture	Lab	
PPD901	Instrumental Analysis of Drugs and Drug Products	--	3	2	4
PPD902	Principles of Pharmacokinetics and drug delivery disposition	--	2	0	2
PPD903	Dosage Form Design & Technology	--	2	2	3
TOTAL NUMBER OF CREDIT HOURS FOR FIRST SEMESTER					9
SECOND SEMESTER					
Code	Courses	Pre/Co-requisites	Contact Hours/Week		Credit Hours
			Lecture	Lab	
PPD904	Pharmaceutical Quality Control and Assurance	--	3	0	3
PPD905	Advance Drug Delivery Systems	PPD901 PPD902	3	2	4
PPD906	Pharmaceutical Product Development	--	2	--	2
PPD907	Research Methodology and biostatistics	--	3	--	3
TOTAL NUMBER OF CREDIT HOURS FOR SECOND SEMESTER					12

SECOND YEAR					
FIRST SEMESTER					
Code	Courses	Pre/Co-requisites	Contact Hours/Week		Credit Hours
			Lecture	Lab	
PPD908	Biotechnology based products	--	2	--	2
PPD909	Drug Regulatory Affairs	--	2	--	2
PPD910	Seminars and Journal Club	PPD908	--	--	1
PPD-RP-1	Research Project & Dissertation Part 1	PPD907	--	--	4

TOTAL NUMBER OF CREDIT HOURS FOR THIRD SEMESTER			9
SECOND SEMESTER			
Code	Courses	Prerequisite	Credit hours
PPD-RP-2	Research Project & Dissertation Part 2	PPD907, PPD-RP-1	6
TOTAL NUMBER OF CREDIT HOURS FOR FORTH SEMESTER			6

3) COURSE DESCRIPTION

PPD901 INSTRUMENTAL ANALYSIS OF DRUGS AND DRUG PRODUCTS (3+1 CH, First Semester)

Course Coordinator: Dr. Fazilatun Nessa

This course prepares the students with knowledge and skills required in analysis of drugs and formulations through commonly employed techniques, UV – Visible spectroscopy; Florescence spectroscopy; High performance liquid chromatography; Fourier Transform Infrared spectroscopy; Thermal methods of analysis; X-ray diffraction, particle size determination using Laser diffraction, determination of zeta potential using zeta-sizer, in pharmaceutical industries. The theory and practical of the instrumental methods is supported by qualitative/quantitative analytical method, method development and validation, proper interpretation of analytical data, and mathematical techniques for preparing standards and samples.

PPD902 PRINCIPLES OF PHARMACOKINETICS & DRUG DELIVERY DISPOSITION (2 CH, First Semester)

Course Coordinator: Prof. Bazigha Kadhim Abdul Rasool

This course provides knowledge and understanding of biopharmaceutical and pharmacokinetic considerations in safe and effective pharmaceutical product development. The course emphasizes the impact of the physiological factors, pharmacokinetic parameters and physicochemical properties on drug pharmacokinetics and bioavailability. Students are also exposed to the concepts and procedures related drug diffusion and dissolution, *in-vitro in-vivo* correlations, biopharmaceutical classification system and biowaivers.

PPD903 DOSAGE FORM DESIGN & TECHNOLOGY (2+1, First Semester)

Course Coordinator: Prof. Heyam Saad Ali

This course covers basics and recent developments in pharmaceutical dosage forms, specifically, designing, manufacturing, and evaluations of solid dosage forms, parenteral dosage forms, liquids, and semisolids. The Lab component of this course is designed to provide extensive practical exposure in development & evaluation of such dosage forms.

PPD904 PHARMACEUTICAL QUALITY ASSURANCE & QUALITY CONTROL (3 CH, Second Semester)

Course Coordinator: Prof. Heyam Saad Ali

This course mainly deals with the quality and regulatory aspects involved in pharmaceutical product development. It mainly describes concepts related to quality assurance, quality control and good manufacturing practice. During the course, students are also provided with the exposure to quality assurance and quality control department of the pharmaceutical industry.

PPD905 ADVANCE DRUG DELIVERY SYSTEMS (3+1 CH, Second Semester)

Course Coordinator: Prof. Bazigha Kadhim Abdul Rasool

This course covers recent developments in drug delivery systems including transdermal drug delivery systems, mucosal drug delivery systems (buccal, nasal, ocular, rectal and vaginal routes of administration), site-specific and targeted drug delivery systems with respect to their designing, manufacturing, and evaluations of, in addition to. This course also provides extensive practical exposure in development & evaluation of such delivery systems.

PPD906 PHARMACEUTICAL PRODUCT DEVELOPMENT (2 CH, Second Semester)

Course Instructor: Dr. Mohammed Shuaib Khan; Course Coordinator: Prof. Aliasgar Shahiwala

This course aims to provide comprehensive compilation of all the steps involved in pharmaceutical

product development and management from the very beginning of product conception to the final packaged form that enters the market. Application of core science principles for product development is thoroughly discussed in conjunction with the latest approaches involving quality by design with a comprehensive illustration based on practical case studies of several dosage forms.

PPD907: RESEARCH METHODOLOGY AND BIostatISTICS (3 CH, Third Semester)

Course Coordinator: Prof. Aliasgar Shahiwala

This course exposes the students to a systematic process of identifying the research problems; defining the problems; identifying the variables/ indicators to address these problems; collecting, compiling, processing and analyzing data using various statistical methods; tools to assess the fundamental characteristics of the topics under study; and preparation of the report or presentation of results-formal write ups of conclusions reached. The course maximizes the use of self-directed studies by making use of assignments, presentations and statistical software using skills.

PPD908: BIOTECHNOLOGY BASED PRODUCTS (2 CH, Second Semester)

Course Coordinator: Dr. Ghazala Khan

This course is designed to provide latest knowledge about different biotechnological processes involved in development of therapeutic proteins, peptides and gene products. This course also discusses various issues related to development of stable biotechnological products and delivery considerations of these products in human.

PPD909: DRUG REGULATORY AFFAIRS (2CH, Third Semester)

Course Instructor: Dr. Ritu Pahuja; Course Coordinator: Prof. Aliasgar Shahiwala

In this course students will acquire or further develop knowledge relating to the Regulatory Affairs in a Pharmaceutical industry, as a profession which acts as the interface between the pharmaceutical industry and Drug Regulatory authorities across the world. Key concepts related to intellectual property rights in pharmaceutical product development are also covered.

PPD910: SEMINARS/JOURNAL CLUB (1 CH, Third Semester)

Course Coordinator: Prof. Aliasgar Shahiwala

Seminars/ Journal club will expose the students to systemic review of literature on a selected topic followed by article discussion. Students need to make an oral presentation of 40-50 minutes' duration on a selected topic which will foster communication skills, presentation skills and IT skills. Through the questions & answers and evaluation session, students will be able to identify the need of their own self development and development of others.

PPD-RP: RESEARCH PROJECT & DISSERTATION (Third & Fourth Semester (10 CH))

This is one year long supervised, structured research project in the field of pharmaceutical product development in which students are responsible for developing their own research proposal and performing different tasks independently such as constructing research designs, performing different experiments, interpreting their results by employing different statistical tools and comparing their results with similar studies published, to accomplish their research objectives. Finally, students develop technical writing and oral presentation skills by writing final report on their project, and by defending their work before external and internal examiners.

4) GRADING SCHEME

Grading at the graduate level is intended to offer feedback to students on their performance in a given course, including once students reach the dissertation and dissertation stage. Faculties are encouraged to specify course requirements and grading expectations for students.

Students are assigned grades (letters) for each course which reflects the student's achievement in the course. The minimum grade for passing a course is letter (C) and grades are written in letters according to the following table:

Range of Marks	Grade Point	Evaluation	Grade Symbol
95 - 100	4	Outstanding	A+
90 – 94.99	3.75	Excellent	A
85 – 89.99	3.50	Very Good	B+
80 – 84.99	3.00	Good	B
75 – 79.99	2.50	Satisfactory	C+
70 – 74.99	2.00	Pass	C
65 – 69.99	1.5	Unsatisfactory	D+
Below 65	Failed	Failed	F
Administrative Codes			
Incomplete		I	
Withdraw		W	

Computation of the Cumulative Grade Point Average (CGPA) and Grade Point Average (GPA)

The GPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total by the number of total credit hours taken in a semester. The CGPA is calculated by multiplying the grade of each course by the number of its credit hours and dividing the total of all courses by the number of total credit hours taken for all semesters. Both GPA and CGPA are rounded to the nearest decimal units. GPA and CGPA are calculated according to the following formula:

$$\text{GPA} = \frac{\text{Total (credit hours per course x grades received per course) for all courses taken in one semester}}{\text{Total credit hours for all courses taken in one semester}}$$

$$\text{CGPA} = \frac{\text{Total (credit hours per course x grades received per course) for all the courses in all semesters}}{\text{Total credit hours for all the courses taken in all semesters}}$$

GPA / CGPA	Evaluation
3.75 - 4.00	Outstanding
3.74 - 3.60	Excellent
3.00 - 3.59	Good
2.50 - 2.99	Satisfactory
2.00 - 2.49	Unsatisfactory

Incomplete Grades

A student who is unable to attend the final exam of any course because of extenuating circumstances such as serious illness, accident or death of a family member during the final examination period seeks an incomplete grade "I" for the course.

5)

ACADEMIC PROGRESS

Progress Policy Guidelines

Satisfactory Progress

- A student must maintain a semester GPA of 3.00 to be considered making satisfactory progress.

Probation

- Students who fail to achieve GPA of 3.0 (80%) in taught semesters (first and second) will be put on probation and will be allowed to appear in the supplementary exams held in February and September each year for first and second semester. Students need to repeat the courses with grades lower than C. If she again fails to obtain the GPA 3.0 (80%), then second and last attempt will be given. Failing to improve the grades even after repeating the course(s) will lead to the dismissal from the program.
- Students are allowed to take second semester with condition that no prerequisite courses have grades lower than C. No students are promoted to second year (dissertation work and/or clinical clerkships) unless she secures minimum GPA of 3.0 in both first and second semester.
- Students who fail to secure at least 80% marks in clerkships, have to repeat the respective clerkship during next six months. If the student again fails to secure at least 80% marks in clerkship, she will be withdrawn from the college.
- Students who fail 80% marks for their research project will not graduate. However, the student has the option to revise and resubmit a failed dissertation. If the student does not contact Graduate Program Director requesting to revise and resubmit the dissertation within the designated 4 weeks' time period or, once approved to revise the dissertation, does not re-submit the revised dissertation by the 6 months' deadline, the dissertation will be deemed to have failed and the student will be withdrawn from the university. Should the re-examination fail to pass the dissertation, the dissertation will be deemed to have failed the examination process and the student will be withdrawn from the college.

Graduation Requirements:

MPharm degree will be awarded to students who successfully complete all the requirements of graduation. The requirements of the graduation are:

1. She should pass all the courses both theoretical and practical as per assessment and grading rules of the college.
2. She should complete a major research project and successfully defend it in front of panel of external and internal examiners appointed by college.
3. She should secure overall CGPA (Cumulative Grade Point Average) of 3 (80%) in all the above mentioned in 1, 2 and 3.
4. In all such cases, maximum duration of 3.5 years is allowed upon recommendation of the Graduate Program Director and permission from the Dean.

6) FACULTY FOR MPharm (Pharmaceutical Product Development)

Name	Degrees	Institution	Year
Prof.Dr. Saeed Ahmed Khan Dean, Professor and Head Pharmaceutical & Medicinal Chemistry Department	Ph. D. (Chemistry)	Delhi University (India)	1985
Prof. Dr. Heyam Saad Professor in Pharmaceutics	Ph. D. (Pharmaceutics).	University Bradford (UK)	2000
Prof. Aliasgar Fakruddin Shahiwala Graduate Program Director Professor in Pharmaceutics	Ph. D. (Pharmacy) Postdoctorate	M.S.University (India) Northeastern University (USA)	2005 2007
Prof. Bazigha K. Abdul Rasool Professor in Pharmaceutics	Ph.D. (Pharmaceutics)	University of Baghdad, (Iraq)	2004
Dr.Fazilatun Nessa Associate Professor in Pharm.& Medicinal Chemistry	Ph.D. (Pharmaceutical Chemistry)	University Sains Malaysia(Malaysia)	2004
Dr. Gazala Afreen Khan Associate Professor Pharmaceutical biotechnology and Pharmacogenomics	Ph. D. (Molecular Genetics)	Osmania University (India)	2004
Teaching Assistant			
Ms. Zahraa Al Khalifa Assistant lecturer	MPharm Pharmaceutical Product Development	Dubai Pharmacy College (UAE)	2013
Ms. Suzan George Instructor	Msc. Chemistry	MG University, India	
Part-time Faculty			
Dr. Mohammed Shuaib Khan Assistant Professor Research Scientist at Himalaya Global Research Center, UAE	PhD (Pharmaceutics and Drug Design)	JSS College of Pharmacy, India	2012
Dr. Ritu Pahuja National Responsible Person for Pharmacovigilance & Regulatory Specialist, Mallinckrodt Pharmaceuticals, UAE	PhD (Clinical Pharmacology)	All India Institute of Medical sciences, India	2015

Academic and assessment policies of MSc in Addiction Science

1) PROGRAM LEARNING OUTCOMES

Program Learning Outcomes - MSc Program

QF-E Strands	On successful completion of the MSc in Addiction Clinical Practice Program of DMC, the graduate will be able to
Knowledge	<p>A-1 Demonstrate factual and theoretical knowledge of core biomedical, psychosocial and clinical aspects in relation to Addictive and other Substance-Related Disorders.</p> <p>A-2 Apply the knowledge of these disciplines in clinical context for diagnosis, prevention and management of Addictive and other Substance-Related Disorders within the framework of ethical and legal regulations at the Specialist Clinician or law enforcement.</p> <p>A-3 Critically analyze existing literature with an understanding of research tools and apply the knowledge of scientific basis to make decisions in patient care to promote health/wellbeing, prevent and treat Addictive and other Substance-Related Disorders and conduct research under academic supervision.</p>
Skill	<p>B-1 Demonstrate clinical and cognitive skills/problem solving skills of obtaining and interpreting history, conducting clinical examination and synthesizing the findings to provide differential diagnosis and suggest the most likely diagnosis for a variety of clinical problems in relation to Addictive and other Substance-Related Disorders.</p> <p>B-2 Choose appropriate investigations and management strategies at the level of a specialist clinicians or law enforcement for a wide range of the relevant conditions during encounter with individuals suffering from Addictive and other Substance-Related Disorders.</p> <p>B-3 Communicate effectively and compassionately with patients, relatives, teachers, peers and other professionals in verbal, written and electronic means using advanced communication and information technologies in a professional manner.</p>
Accountability & engagement	<p>C-1 Develop approaches to evaluate and improve healthcare literacy and awareness, epidemiology of Addictive and other Substance-Related Disorders and healthcare delivery systems, and provide suggestions for improving quality and optimizing patient safety through a continuous process of auditing</p> <p>C-2 Provide patient care effectively at the level of specialist clinician, both individually and as a team leader of inter-professional healthcare teams with an understanding of principles of hand-over and appropriate consultations.</p> <p>C-3 Manage cases of individuals suffering from Addictive and other Substance-Related Disorders in the community, primary, secondary and tertiary care as well as corrective institutions within the limits of their professional background.</p> <p>C-4 Observe principles of medical ethics, anonymity and confidentiality; and demonstrate honesty, integrity, empathy and social responsibility in their interaction with peers, patients in a multicultural context and within the limits of the relevant jurisdiction.</p>

Program Learning Outcomes –PG Diploma Program

QF-E Strands	On successful completion of the PG Diploma in Addiction Clinical Practice Program of DMC, the graduate will be able to
Knowledge	<p>A-1 Demonstrate factual and theoretical knowledge of core biomedical, psychosocial and clinical aspects in relation to Addictive and other Substance-Related Disorders.</p> <p>A-2 Apply the knowledge of these disciplines in clinical context for diagnosis, prevention and management of uncomplicated Addictive and other Substance-Related Disorders within the framework of ethical and legal regulations at the level of a supervised clinician or law enforcement officer.</p> <p>A-3 Critically analyze existing literature with an understanding of research tools and apply the knowledge of scientific basis to make decisions in patient care to promote health/wellbeing, prevent and treat Addictive and other Substance-Related Disorders.</p>
Skill	<p>B-1 Demonstrate clinical and cognitive skills/problem solving skills of obtaining and interpreting history, conducting clinical examination and synthesizing the findings to provide differential diagnosis and suggest the most likely diagnosis for a variety of clinical problems in relation to Addictive and other Substance-Related Disorders under supervision.</p> <p>B-2 Choose appropriate investigations and management strategies at the level of a supervised clinician or law enforcement for common conditions during encounter with individuals suffering from Addictive and other Substance-Related Disorders.</p> <p>B-3 Communicate effectively and compassionately with patients, relatives, teachers, peers and other professionals in verbal, written and electronic means using communication and information technologies in a professional manner.</p>
Accountability and engagement	<p>C-1 Develop understanding of the epidemiology of Addictive and other Substance-Related Disorders and healthcare delivery systems, and ensure the delivery of a good quality of care while maintaining high level of safety.</p> <p>C-2 Provide patient care effectively at the level of supervised clinician, both individually and as a member of multidisciplinary team with an understanding of principles of best practice.</p> <p>C-3 Manage cases of individuals suffering from Addictive and other Substance-Related Disorders in a the community, primary and secondary care as well as corrective institutions within the limits of their professional background, under the appropriate level of supervision.</p> <p>C-4 Observe principles of medical ethics, anonymity and confidentiality; and demonstrate honesty, integrity, empathy and social responsibility in their interaction with peers, patients in a multicultural context and within the limits of the relevant jurisdiction.</p>

2) TEACHING PLAN

The course will be completed in the following sequence. Mandatory credit for MSc is 41 credits which be covered in 9 core modules and 6 specialized modules. Students who opt for nursing concentration are required to complete specialized modules AD909n, AD913n, and AD914n. Their Clinical clerkship (AD915n) and research project (AD916n) have to be in the field of nursing.

FIRST YEAR		
First Semester		
Code	Module Title	Credit hours
AD901	Introduction and foundation to addiction clinical practice	3
AD902	Basic Neurobiology of Addiction	3
	Exam week	
AD903	Applied Psychosocial theories in addiction	3
AD904	Foundations of epidemiology, research methodology and critical appraisal	3
	Exam week	
Second Semester		
AD905	Psychosocial Treatments in addiction	4
AD906	Addiction in special groups and other addiction related behaviours	2
	Exam week	
AD907	Addiction Service Models, Planning and Provision	2
AD908	Quality and management in clinical addiction practice	1
AD909	Fundamentals of Clinical Psychiatry	3 elective
AD909N	Fundamentals of Clinical Psychiatric Nursing	3 elective

SECOND YEAR		
First Semester		
Code	Module Title	Credit hours
AD 911	Advanced Neurobiology of Addiction	3
AD912	Biomedical and Psychosocial Statistics: Theory and Practice	2
	Exam week	
AD913	Advanced Evidence Based policies in Addiction (OR)	2 elective
AD913N	Advanced Addiction Nursing Practice	2 elective
AD914	Addiction Clinical Practice (OR)	2 elective
AD914N	Addiction Nursing Practice	2 elective
	Exam week	
Second Semester		
AD915	Addiction Clinical Practice (OR)	2
AD915N	Addiction Nursing practice	2 elective
AD916	Research project & Dissertation (General) OR	6
AD916N	Research project & Dissertation (Nursing)	6
	Dissertation/Thesis defense	
	Exam week	

MSc ACP			MSc ACP with Nursing Concentration			PGD ACP		
FIRST YEAR			FIRST YEAR			FIRST YEAR		
First Semester			First Semester			First Semester		
Code	Module Title	CH	Code	Module Title	CH	Code	Module Title	CH
AD901	Introduction and foundation to addiction clinical practice	3	AD901	Introduction and foundation to addiction clinical practice	3	AD901	Introduction and foundation to addiction clinical practice	3
AD902	Basic Neurobiology of Addiction	3	AD902	Basic Neurobiology of Addiction	3	AD902	Basic Neurobiology of Addiction	3
AD903	Applied Psychosocial theories in addiction	3	AD903	Applied Psychosocial theories in addiction	3	AD903	Applied Psychosocial theories in addiction	3
AD904	Foundations of epidemiology, research methodology and critical appraisal	3	AD904	Foundations of epidemiology, research methodology and critical appraisal	3	AD904	Foundations of epidemiology, research methodology and critical appraisal	3
	Exam Week			Exam Week			Exam Week	
FIRST YEAR			FIRST YEAR			FIRST YEAR		
Second Semester			Second Semester			Second Semester		
AD905	Psychosocial Treatments in addiction	4	AD905	Psychosocial Treatments in addiction	4	AD905	Psychosocial Treatments in addiction	4
AD906	Addiction in special groups and other addiction related behaviours	2	AD906	Addiction in special groups and other addiction related behaviours	2	AD906	Addiction in special groups and other addiction related behaviours	2
AD907	Addiction service models, planning and provision	2	AD907	Addiction service models, planning and provision	2	AD907	Addiction service models, planning and provision	2
AD908	Quality and management in clinical addiction practice	1	AD908	Quality and management in clinical addiction practice	1	AD908	Quality and management in clinical addiction practice	1
AD909	Fundamentals of Clinical Psychiatry	3	AD909 N	Fundamentals of Clinical Psychiatric Nursing	3	AD909	Fundamentals of Clinical Psychiatry OR	3 elective
	Exam Week			Exam Week		AD909 N	Fundamentals of Clinical Psychiatric Nursing	3 elective
	Resit exams			Resit exams			Exam Week	
				Resit exams			Resit exams	
SECOND YEAR			SECOND YEAR			<div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div> <p style="text-align: center;">courses specific for nursing</p>		
First Semester			First Semester					
Code	Module Title	CH	Code	Module Title	CH			
AD 911	Advanced Neurobiology of Addiction	3	AD 911	Advanced Neurobiology of Addiction	3			
AD912	Biomedical and Psychosocial Statistics: Theory and Practice	2	AD912	Biomedical and Psychosocial Statistics: Theory and Practice	2			
AD913	Evidence Based Policies in Addiction	2	AD913 N	Advanced Addiction Nursing Practice	2			
AD914	Addiction Clinical Practice	2	AD914N	Addiction Nursing Practice	2			
	Exam Week			Exam Week				
SECOND YEAR			SECOND YEAR					
Second Semester			Second Semester					
AD915	Addiction Clinical Practice	2	AD915N	Addiction Nursing Practice	2			
AD916	Research Project & Dissertation (General)	6	AD916N	Research Project & Dissertation (Nursing)	6			
	Dissertation/Thesis defense			Dissertation/Thesis defense				
	Exam Week			Exam Week				
	Resit Exam			Resit Exam				

3) COURSE DESCRIPTION

AD 901 Introduction and foundation to Addiction Clinical Practice

Course Coordinator: Prof. Nadiah Mahmoud

This course provides an introduction and overview to Substance-Related and Addictive Disorders as a disease and its social, psychological and physical consequences. This introduction provides the foundation to the following courses for the masters of Addiction Clinical Practice, especially as the student of this Masters will come from different backgrounds

AD902 Basic Neurobiology of addiction

Course Coordinator: Dr. Riham Ahmed Ibrahim Ali

This course provides principles and fundamentals of Neuroanatomy, Neurophysiology and Neurochemistry. It will also illustrate the neurological basis of reward system and habit formation. The course gives an approach for understanding the basic concepts of Neuropharmacology and the mechanisms of drug dependence and substance abuse.

AD903 Applied Psychosocial theories in addiction

Course Coordinator: : Prof. Hafez Abdel Fattah Ahmed

This course provides the psychological and social theory foundation of addictive disorders and their relation to the development and continuation of those disorders.

AD904 Foundations of epidemiology and research methodology and critical appraisal

Course Coordinator: Dr Tareq Qassem

This course aims to provide students with foundation in Evidence Based Medicine, different methodology of clinical studies, epidemiology, basic statistical concepts and their applications, critical appraisal and translation of research into changes in clinical practice. This course is mandatory for all of the student who will pursue the full Master's Degree.

AD905 Psychosocial treatments in addiction

Course Coordinator: Dr. Abeer Abdel Moneim

The psychosocial factors predisposing to psychoactive substance use will be considered, as will the nature of abuse and dependence, treatment programs and drug education programs. The historical background to legislation will be considered, and intervention programs evaluated. Classic studies dealing with the prognosis will be reviewed, and recent work on social and psychological aspects of substance misuse will be discussed. The value of screening or providing education about more common patterns of addictive behavior (e.g. to alcohol or nicotine) will also be considered. The 12 steps, MBRP, and dynamic group, treatment of personality traits, abnormalities, and disorders will be addressed, as will the relationship between personality and addiction.

AD906 Addiction in special groups and other addiction related behavior

Course Coordinator: Prof. Hafez Abdel Fattah Ahmed

This module will address other addictive behaviour which might come to the clinical attention, such as pathological gambling as well as process addictions such as food addiction and sex addiction.

The module will also cover the occurrence of addictive disorders in special groups such as children and teenagers, women, elderly and in patients with mental health problems.

In this module, the candidates are expected to diagnose and manage patients suffering from other addictive behaviours as well as providing care for special group patients who suffer from substance use disorder taking into account their physical, psychological or social needs.

AD907 Ethics, legal policy frameworks and service provision

Course Coordinator: Dr. Rasha Ali Abdelrazek Eldeeb

This module will include aspects of addiction psychiatry which are relevant to ethics service planning and delivery, but which do not fall readily into the other modules, and aspects of psychiatry and the law which are not appropriate to the forensic psychiatry module. These include the new UAE Mental Health Act and other legislation of importance to the practice of psychiatry and medical Jurisprudence as applied to psychiatry.

AD908 Quality and Management in Clinical Addiction Practice

Course Coordinator: Prof Hamdy Moselhy

This course provides healthcare practitioners and others with an introduction to the knowledge and skills needed to lead patient safety and quality improvement initiatives. Participants will explore the foundations of health care quality and the science underlying patient safety and quality improvement, design and select effective health care measures, analyze patient safety problems address quality improvement challenges, and learn strategies to lead a culture of change.

AD 909 Fundamentals of Clinical Psychiatry

Course Coordinator: Dr. Riham Ahmed Ibrahim Ali

This course provides an overview of the fundamental concepts in Basic **Clinical Multidisciplinary** management and intervention of Addictive disorders. The contents of this course will help to introduce participants to different intervention approaches, concepts and strategies applicable to substance abuse intervention on the Basic level. The content of this module seeks also, to familiarize with the definition of key terms often used in discussions of substance addiction intervention, stages of substance dependence and theoretical perspectives used in explaining substance dependence, the biopsyo-social bases of substance addiction and assessment in substance addiction intervention will also be covered according to best evidence-based. In addition, special issues such as harm reduction and the drug court system pertinent to substance addiction and intervention will be introduced.

The module is aimed at enhancing the knowledge base of individuals currently working in the field of substance abuse and to bring new knowledge to those who are not in this field of work, but desire to be.

AD 909 N Fundamentals of Clinical Psychiatric Nursing

Course Coordinator: Prof. Hafez Abdel Fattah Ahmed

This course provides an overview of the fundamental concepts in Basic Practice Nursing management and intervention. The contents of this course will help to introduce participants to different approaches, concepts and strategies applicable to nursing for substance abuse intervention. The content of this module seeks also, to familiarize with the, definition of key terms often used in discussions of substance addiction intervention; stages of substance dependence and theoretical perspectives used in explaining substance dependence; the biopsyo-social bases of substance addiction and assessment in substance addiction intervention will also be covered according to best evidence-based. In addition, special issues such as safety and harm reduction pertinent to substance addiction and intervention will be introduced.

The module is aimed at enhancing the knowledge base of individuals currently working in the field of nursing to substance abuse.

AD911 Advanced Neurobiology of Addiction

Course Coordinator: Dr. Riham Ahmed Ibrahim Ali

This course will provide integrated conceptual knowledge concerning the structural and functional aspects of Motivation and reward system, highlighting the pathophysiology of addiction. The course will also illustrate the pharmacologic basis of addictive drugs and the pharmaco-therapeutic strategies for drug withdrawal and relapse prevention.

AD912 Biomedical and Psychosocial Statistics –Theory and Practice

Course Coordinator: Dr. Hafez Abdel Fattah Ahmed

This course aims to provide students foundation in biomedical statistics. It will provide a hand on approach to who to choose, conduct, interpret and communicate effectively different statistical tests using commonly used statistical packages such as SPSS. By the end of this course the student should be able to choose and conduct statistical analysis using main stream statistical packages commonly used in medicine as well as psychosocial sciences.

AD913 Advanced Evidence Based Policies in Addiction

Course Coordinator: Dr. Rasha Ali Abdelrazek Eldeeb

This module will include aspects of Advanced Evidence Based Policies in Addiction which are relevant to ethics service planning and delivery, but which do not fall readily into the other modules, and aspects of psychiatry and the law which are not appropriate to the forensic psychiatry module.

AD913 N Advanced Addiction Nursing Practice

Course Coordinator: Dr. Tareq Qassem

This course provides an overview of the fundamental concepts in Advanced Practice Nursing management and intervention. The contents of this course will help to introduce participants to different intervention approaches, concepts and strategies applicable to substance abuse intervention from the micro to the macro level. The content of this module seeks also, to familiarize with the, definition of key terms often used in discussions of substance addiction intervention; stages of substance dependence and theoretical perspectives used in explaining substance dependence; the biopsychosocial bases of substance addiction and assessment in substance addiction intervention will also be covered according to best evidence-based. In addition, special issues such as harm reduction and the drug court system pertinent to substance addiction and intervention will be introduced.

AD914 (AD914N) Addiction Clinical Practice (OR) Addiction Nursing Practice

Course Coordinator: Prof, Samia Ferhaly/ Mr. Ahmed Nasser

This module will include aspects of Advanced Evidence Based Policies in Addiction which are relevant to ethics service planning and delivery, but which do not fall readily into the other modules, and aspects of psychiatry and the law which are not appropriate to the forensic psychiatry module.

The module is aimed at enhancing the knowledge base of individuals currently working in the field of substance abuse and to bring new knowledge to those who are not in this field of work, but desire to be.

Main categories of psychoactive substances, substances within each category and effect of such substances on mood, thoughts, and behavior.

PROGRAM DELIVERY

The post graduate program is delivered full time through two academic years at Dubai Medical College. This is an MSc ACP program which is 2 years is articulated to provide opportunity for students to obtain a PG Diploma ACP by completing the first year.

MSc ACP program (2 years)

- Each academic year is evenly divided between two Semesters running from February to June and September to January.

- Each semester is composed of fifteen weeks of study including examinations.

The two semesters of the first academic year are devoted to formal taught modules scheduled to be given over weekend (Fridays & Saturdays). The second academic year consists of a major research project and clinical clerkships. Clinical clerkships are provided at ERADA Center for Treatment and Rehab.

The mandatory credit hours required for MSc is 41 which have to be covered in 9 core modules and 6 specialized modules.

Optional Concentration in Advanced Nursing Practice:

Students who opt for nursing concentration are required to complete specialized modules for nursing.

PG Diploma ACP Program (1 year)

- Students who wish to enroll for a PG Diploma will have to complete all the 24 credits provided in the first year.

Each academic year is evenly divided between two semesters running from February to June and September to January.

- Each semester is composed of fifteen weeks of study including examinations.

The two semesters of the first academic year are devoted to formal taught modules scheduled to be given over weekend (Fridays & Saturdays).

The mandatory credit hours required for PG Diploma is 24 credits which have to be covered in the two semesters.

Definition of credit hour

1 Credit hour is defined as 15 hours of teaching /learning sessions in classroom. These are usually conducted over a period of 15 weeks. It is also presumed that for every hour of class, a student should spend 2 hours of independent study/assignment time outside class time. Therefore, one academic credit equals to a 45-hour commitment to learning over a semester.

4) GRADING SCHEME

Grading at the graduate level is intended to offer feedback to students on their performance in a given course, including once students reach the dissertation and dissertation stage. Faculties are encouraged to specify course requirements and grading expectations for students.

Students are assigned grades (letters) for each course which reflects the student's achievement in the course. The minimum grade for passing a course is letter (D) and grades are written in letters according to the following table:

Range of Marks	Evaluation	Grade Symbol
85 and above	Excellent	A
75 – 84.99	V. Good	B
65 – 74.99	Good	C
60 – 64.99	Pass	D
Below 60	Failed	F
-	Incomplete	I
-	Withdraw	W

5) ACADEMIC PROGRESS

The student should pass in all the courses in first year to be able to continue Masters in the second year.

MSc degree will be awarded to students who successfully complete all the requirements of graduation. The requirements of the graduation are:

1. He/she should pass all the courses both theoretical and practical as per assessment and grading rules of the college.
2. He/she should complete a major research project and successfully defend it in front of panel of external and internal examiners appointed by college.
3. Student undertaking MSc program, should successfully complete and pass the required clerkships in hospitals approved by college.
4. Maximum duration of 5 years is allowed upon recommendation of the Graduate Program Coordinator and permission from the Dean.

6)

FACULTY FOR MSC IN ADDICTION SCIENCE

FULL-TIME FACULTY MEMBERS				
Faculty member	Qualifications	Institution	Post in DMC	Email Id
1.Dr. Mohamed Galal- ElDin Ahmed	MBBS, MSc., Ph.D	Asuit University	Dean	mjalal55@hotmail.com
2. Dr. Nadia Mahmoud Mohamed Aly El Rouby	MBBS, MSc., Ph.D.	Cairo University	CAO, Professor	nadah@dmcg.edu
3.Dr. Hafez Abdel Fattah Ahmed	MBBS, MSc., Ph.D.	Ain Shams University	Professor	prof.hafez@dmcg.edu
4.Dr. Abeer Abd El Moneim Said Ibraheem	MBBS, MSc., M.D.	Zagazig University	Assistant Professor	abeer@dmcg.edu
5.Dr. Rasha Ali Abdelrazek Eldeeb	MBBS, MSc., M.D. Post-Graduate Diploma in Total Quality Management for Healthcare Reform	Egypt University	Associate Professor	dr.rasha@dmcg.edu
6.Dr. Riham Ahmed Ibrahim Ali	MBBS, MSc., Ph. D.	Ain Shams University	Assistant Professor	dr.riham@dmcg.edu
7.Dr. Rania Hamed Abdelaty Shalaby	MBBS, MSc. , Ph.D.	Tanta University	Assistant Professor	dr.rania@dmcg.edu
8.Prof. Samia Feghaly	MBBS Diploma in Psychiatry Master in Family Medicine MRCGP	Royal College of General practitioner, Ireland	Professor	prof.samia@dmcg.edu
9.Dr. Fouzia Shersad	MBBS, FRCP (Glasg.) Masters in Health Professions Education Ph.D. in Medical Education	Jamia Millia University, New Delhi, India	Director, Institutional Effectiveness Asso. Professor	Fouzia@dmcg.edu
10.Dr. Hajer Nisar Sheikh	MBBS, Master in Biochemistry, Post Graduate Certificate in Education	University of Cincinnati, USA	Assistant Lecturer	Hajer@dmcg.edu

FULL-TIME FACULTY MEMBERS				
Faculty member	Qualifications	Institution	Post in DMC	Email Id
11.Dr. Wafiq Hasaan Kamel Shafiq	MBBS Master in Neurological Surgery Diploma in medical informatics	Canyon college-USA	Head of Edu. Informatics	Dr.wafiq@dmcg.edu

ADJUNCT FACULTY MEMBERS				
Name of Faculty member	Qualifications	Post in Erada Center	Post in DMC	Email ID
1.Dr. Mohammad Hassan Fayek	Psychiatry & Neurology	CEO, Consultant Psychiatrist	Asso. Professor	m.fayek@erada.ae
2.Dr. Hamdy Fouad Moselhy	MBBCh, MSc, DCP, MD, MRCPsych, CCST, FRCPsych	Consultant Psychiatrist, ERADA. Professor and Chairman of the department of psychiatry, Faculty of Medicine and Health Sciences, UAE University	Professor	hamdy.fouad@uaeu.ac.ae
3.Dr. Tareq Qassem	MBBCh, MSc, MRCPsych, MD	Consultant Psychiatry and Neurology	Asso. Professor	T.Qassem@erada.ae
4.Dr. Amany Haroun El Rasheed Abdel Hameed El Mougdy	MBBCh, MSc, MD in Psychiatry	Consultant, Neuropsychiatry	Professor	amanyhelrasheed@gmail.com
5.Dr. Maged Agour	MRCPsycho, CCT	Consultant Psychiatrist	Asso. Professor	magedagour@gmail.com
6.Dr. Zakaria Zaki Al Attal	BSN, MSN, MQM, PhD	Senior Consultant	Assistant Professor	obadah10@gmail.com

7.Ms. Alyaa Mohamed Murad Hassan Aljasmi	BS Socio, MS Social Works	Senior Manager of Patients' Care and Rehab	Assistant Lecturer	Alyaa.aljasmi@gmail.com
8.Asma Ismail	BS Socio, MS Social Works	Clinical/ forensic psychologist and psychotherapist	Assistant Lecturer	a.ismail@erada.ae
9.Mr. Ahmad Muneer Naser	BS Nurse	Chief Nursing Officer	Clinical (Tutor of Nursing)	a.naser@erada.ae
10.Prof. Mohamed Mostafa Atef Elhamady	MBBCh, MSc, Ph. D	Professor of Psychiatry	Professor	Melhamady63@yahoo.com
11.Dr Wael Foaad	MBBCh. MRCPsych, MSc,	Consultant Psychiatrist	Assistant Professor	wfoad@hotmail.co.uk