



MANCHESTER
1824



**STUDENT'S GUIDE,
MANSOURA-MANCHESTER PROGRAMME FOR MEDICAL EDUCATION
(Problem-based, modular - based, student- centred learning programme).**

On behalf of the Faculty administration and Staff I would like to welcome you to Mansoura Manchester Programme for Medical Education at Mansoura University. This student guide is designed to provide answers to the most frequently asked questions, and to offer guidance on several other matters important to your study. As well, this guide includes programme regulations and courses required for students. If you need clarification on any of the matters contained herein, or if you have a concern that is not addressed by the guide, please do not hesitate to contact the Student Service Center (SSC). We are here to help in any way we can while you are in the programme.

There will be a lot of hard work ahead of you as you pursue your study with us, but hopefully there will be a lot of fun as well. I wish you much success in your academic careers.

Ashraf Shoma, MD.

Mansoura Manchester Programme Director

MANSOURA-MANCHESTER PROGRAMME FOR MEDICAL EDUCATION

Programme overview

- Mansoura-Manchester Programme for Medical Education is a problem-based learning (PBL) programme. The curriculum was originally designed by Manchester Medical School and have been revised by Mansoura Medical School
- In this programme, Students learn through medical problems (problem-based) in small groups (10-15) students from year one. The problem will highlight certain inter-related topics that can include subjects from both pre-clinical or basic sciences, such as (Anatomy, Physiology, Histology, Biochemistry, Pathology, Microbiology, Parasitology and Pharmacology) as well as clinical sciences, such as (Internal Medicine, Surgery, Paediatrics, Obstetrics & Gynaecology, Ophthalmology, ENT, Forensic Medicine and Community Medicine) in an integrated and modal formal using credit hour system.
- The programme depends on the students (student-centred) in a sense that students will learn from different sources like internet, periodicals, library, from one another and lastly from tutors and/or faculty members. Electronic E-Learning is an integral part of the programme, and students should be computer competent and preferably have their own laptop or iPads.
- The scientific methods rely on the use of modern technology during the learning process with the implementation of a “hybrid education” model aimed at reducing the density of students inside education halls. The newly approved education system for the programme adopts a blend of traditional classroom instruction and online learning activities.
- The duration of study for a bachelor’s degree of Medicine and Surgery in Mansoura Manchester Program for medical education are five academic levels; each level includes two semesters; total ten semesters.
- The program is divided into two academic stages, as follows:
 1. The first stage: from the first semester to the fourth semester.
 2. The second stage: from the fifth semester to the tenth semester
- Total credit hours are 209 credit hours to finish the program.
- The graduation certificate from the program qualifies the practice of the medical profession after approval of the competent authorities in the countries in which the graduate intends to practice the profession.
- The graduate must pass two years of basic training according to the applicable regulations and laws.

Dates for the Academic Year

Student's intake is fixed for September of each year. Semester 1 starts from late September to early January. Semester 2 starts from early February to late June. Summer exams for failed students will be held in late July for semesters 1, 3, 5, 7, 9 and late August for semesters 2, 4, 6, 8, 10.

Graduation exam will be held in October and its resit in January of the Subsequent year.

Human rights exam will be held for year four students according to the university timetable.

How to apply for the programme?

Egyptian students must be accepted by Mansoura Faculty of Medicine or transferred to it by the National Office (for equivalent degrees) according to the national scoring and distribution of the Egyptian Ministry of Higher Education. (Tansiq Office) Applications are made to the dean of Mansoura Faculty of Medicine.

Foreign students should apply through the web site of the Egyptian Ministry of higher education, Culture Affairs & Missions Sector and get approved by their own Embassy in Egypt. All applicants must satisfy the requirements of the overseas (Waffedin office) of the ministry of higher education.

[https:// www.wafeden.gov.eg](https://www.wafeden.gov.eg)

Tuition and bench fees (subject to review every year):

Egyptian students: 75000 Egyptian pounds/academic year.

Foreign students: 8000 US dollars/academic year.

Students wishing to move from the integrated modular based program to Manchester programme can transfer within 8 weeks of the start of semester 1. Students wishing to transfer after the first 8 weeks of the start of semester 1 will join level 1 in the next academic year after getting the necessary approvals of the programme board. Students wishing to transfer after spending a year or more in the conventional programme must start from semester 1.

The curriculum

The curriculum is “*designed as a spiral with vertical and horizontal integration that in Phase 1 forms a biomedical, clinical and behavioural science base, which is then revisited and expanded in Phases 2 from a clinical perspective.*”

Year 1: Semester 1: Life Cycle.

Year 1: Semester 2: Cardio-Respiratory Fitness.

Year 2: Semester 3: Nutrition and Metabolism.

Year 2: Semester 4: Abilities and Disabilities.

Year 3 Semester 5: Heart, Lungs and Blood.

Year 3 Semester 6: Nutrition, Metabolism and Excretion.

Year 4 Semester 7: Mind and Movement.

Year 4 Semester 8: Families and Children.

Year 5 Semester 9: Special Senses, Community and Research Methodology.

Year 5 Semester 10: Oncology, Emergency and Graduation Project.

Methods of teaching and learning:

Problem Based Learning sessions: 2 times/week (1.5 hours each).

Lectures in related topics: 3-5 times/weeks (1 hour each).

Practical sessions: 4 times / week.

Student's presentations in a related theme: once weekly.

Early Experience: 2 times/week.

Tutor Availability (TA): Once weekly.

Tutor Meeting (TM): Once weekly

Overall aims of the semesters:

Semester 1: Life cycle (LC) (MPPh1S2LC)

Semester 1 (**life cycle**) aims to provide students with the basic science needed to prepare them for entry into the up-coming modules. Each PBL case contains case learning outcomes that by definition must be linked to the learning outcomes for the semester. Each case is integrated and contains cues that raise potential learning objectives relating to knowledge, skills and attitudes in all areas of biological and behavioural sciences, and certain aspects of ethics and law.

In the Life Cycle module, multiple basic topics will be studied including the cellular and molecular processes that underlie reproduction, development and growth. The semester also discuss the immune system and the pathophysiology of genetic disease and cancer.

Semester 2: Cardio-Respiratory Fitness (CRF) (MPPh1S2CRF)

Semester 2 (**Cardio-Respiratory Fitness**) focuses on the chest and the function of the heart, lungs and blood. The main topics in this semester include the structure of cardiorespiratory systems, explanation of their functions and mechanisms underlying pathological conditions affecting them. In addition to discussion of clinical cases related to the heart, lung and blood. Each PBL case is integrated and contains cues that raise potential learning objectives relating to knowledge, skills and attitudes in all areas of biological and behavioral sciences, and certain aspects of ethics and law. The early experience programme is also designed around these objectives and it is expected that students may discuss the clinical experience they have had within the context of a PBL case.

Semester 3: Nutrition and Metabolism (NM) (MPPh1S3NM)

Semester 3 (**Nutrition and Metabolism**) aims to go through gastrointestinal system, the kidneys and the key hormonal mechanisms involved in regulating these systems. It aims to describe the structures of this system and how its organs normally maintain the body homeostasis. It aims also to explain the functions of the liver, kidney and urinary tract and describe the metabolism and, how nutrients are digested, absorbed and utilized in a coordinated way to generate energy. In addition, to know how the body excretes the waste products of metabolism.

Semester 4: Abilities and Disabilities (AD) (MPPh1S4AD)

Semester 4 (**Abilities and Disabilities**) main core is neuroscience. The student will explore the development and the structure of the brain and the nervous system and their connections to different parts of the body. The student will study the mechanisms underlying pathological conditions affecting the nervous system to prepare them for concepts applied to clinical medicine, including mental health.

Semester 5: Heart lung and Blood (HLB)

(MPPh2S5HLB)

Semester 5 (**Heart lung and Blood**) main focus is clinical conditions affecting the heart, lung and blood. Starting from this course the student will learn primarily through clinical placements organized around Mansoura University hospital and medical centers and community placements. Each PBL case is integrated and contains cues that raise potential learning objectives relating to knowledge, skills and attitudes in all areas of respiratory, cardiology and hematology medicine with some ethical and medico legal aspects.

Semester 6: Nutrition, Metabolism and Excretion (NME) (MPPh2S6NME)

Semester 6 (**Nutrition, Metabolism and Excretion**) focuses on clinical aspects related to gastrointestinal, endocrinal and uronephrology and surgery. The clinical training programme is also designed around these topics and it is expected that students may discuss the clinical experience they have had within the context of a PBL case. The students will apply the basic scientific knowledge and clinical skills acquired in their earlier years in the clinical settings.

Semester 7: Mind and Movement (MM) (MPPh2S7MM)

Semester 7 (**Mind and Movement**) aims to enable the student to recognize and assess the severity of common disorders in neurology, psychiatry, neurosurgery, rheumatology, orthopedics and geriatric medicine both in hospital and community settings and know their basic multidisciplinary management. The students will have a great opportunity to broaden their clinical learning across the medical specialties, offering immersion in new clinical placements with supervision and teaching by specialty experts.

Semester 8: Families and Children (FC) (MPPh2S8FC)

Semester 8 (**Families and Children**) general aim is to provide students with knowledge, skills and attitudes necessary to make an essential obstetrics and gynecology framework of the general practitioner including awareness of the common obstetrics and gynecology emergencies. It is mainly about female health, pregnancy and neonates and child health. Each PBL case is integrated and prepared in a manner which raises potential learning objectives related to knowledge, skills, and attitudes in all areas of gynecological, maternal, neonatal and child health and welfare.

Semester 9: Special Senses, Community & Research Methodology (SS) (MPPh2S9SS)

Semester 9 (**Special Senses, Community & Research Methodology**) includes 3 modules: ENT, Ophthalmology and Dermatology and research methodology module. The students will acquire the essential knowledge and clinical skills necessary to manage common disorders affecting ear, nose and throat and common ophthalmic disorders and emergencies and common disorders of skin, hair, nail, and andrology disorders. The semester will involve general medical placements giving the student access to common conditions in appropriate settings. The semester enhances students' abilities in medical research and personal development.

Semester 10: Oncology & Accident (OA) **MPPh2S10OA**

Semester 10 (**Oncology & Accident**) includes 2 modules: Accident and Emergency module and oncology module in addition to the graduation project. The Accident and Emergency module main core is to prepare a physician capable of managing different emergency situations. Students will apply knowledge related to Forensic medicine and recognize basics of ethics, medicolegal aspects of health problems, malpractice, and common medical errors. The oncology module allows the students to recognize the cellular and molecular processes that underlie different types of cancer and acquire necessary required knowledge and clinical skills related to modern concepts and recent progress in Oncology management.

The graduation project:

The tenth academic level contains a graduation project that the student implements over a period of seven weeks; includes:

- 1) Clinical training period in a teaching or university hospital inside or outside Egypt.
- 2) A review article or experimental research under the supervision of faculty members or physicians in the clinical training place.

Methods of Assessment

Semester (Final) and Ongoing Assessments:

Ongoing Assessments: 20% of the total mark will be awarded to your activity in the class, your presentation at weekly student's presentations, a mid-semester MCQ exam and your SSC Essay/poster.

Summative (Final) Assessments (80%): consists of 3 types of exams:

1: Multiple Choice Questions (MCQs)

The examination will include multiple choice questions (MCQs) with a choice of a single best answer from 5 options, cross matching, and extended matching questions (EMQs).

Negative marking will not be used; a wrong answer will be awarded zero mark.

2: Short Essay Exam: The questions are short and targeted. No open-end questions will be used. A model answer for each question is included to standardize marking.

3. Objective Structured Practical and Clinical Examination (OSPE and OSCE):

The Objective Structured Practical and Clinical Examination (OSPE and OSCE) test your ability to demonstrate competence in some of the skills you have learnt.

NB: There are no oral exams throughout the programme.

Examination Results:

Your result will be declared as:

Percent	Points	Grade	
> 90%	4	A	Excellent
85% - <90%	3.67	A-	
80% - <85%	3.33	B+	Very Good
75% - <80%	3	B	
70% - <75%	2.67	B-	Good
65% - <70%	2.33	C+	
60% - <65%	1.67	C	Pass
<60%		F	Fail

Re-sits examinations:

Students who fail to pass the end semester exam will be offered a re-sit exam by the end of the academic year. Students will not be allowed to move to a higher level except after passing the end semester exams.

Appeals and complaints:

If you are not satisfied with your result, you can appeal in writing to the programme director within 2 weeks from the declaration of results. The director will respond to your appeal within one week and any modification of your result will be corrected. There is a small fee for this procedure.

What is the training and learning opportunities at Manchester University available to program students?

- There is a student exchange where a period of clinical training is available in the clinics of the University of Manchester.
- The University of Manchester accept several graduates of the program to obtain a master's degree from the University of Manchester for tuition fees equal to the British students

What are the jobs of residents and demonstrators available for graduates of the program?

Egyptian graduates of the program will be assigned to a number of residents and demonstrators jobs at university hospitals according to a future plan announced and independent of the basic program proposed by the sub-committee and approved by the faculty and university councils.

Does Mansoura Manchester Program adopt quality assurance and accreditation?

Mansoura Manchester has awarded accreditation by the National Authority for Quality Assurance and Accreditation of Education (NAQAAE) in 2017.

Student Activities

The university's role is not only scientific one, but it exceeds to play major role in all activities that can support the student through his /her study. This will be done through presenting variable program which prepare the student to face life responsibilities after graduation this in turn will make the faculty a source of spreading cultural, social, and scientific ideas.

Activities of the Student Welfare Department:

- Social activity and trips
- MMSS Board elections
- Arts Activity
- Cultural activity
- Sports
- Student Families
- Scouts and Public Services
- Science Club

Student Services

1- Hostel

Mansoura University established equipped and air-conditioned housing units with cleaning and ironing services with the provision of excellent health meals and under strict health supervision.

<https://alzahraa.mans.edu.eg/studentApplications>

2- Student Services Centre (SSC)

SSC is a central point providing information for all students with a special care towards international students.

Services provided by the SSC

- Registration.
- How to apply.
- Scholarships.
- Certificates & Transcripts.
- Student activity.
- welcome party.
- Graduation ceremony.
- Practical matters of university life

E. Mail: ssc.mansoura-manchester@mans.edu.eg

3- Mansoura University Students Hospital

- Great medical service centre run by the university doctors and nurses.
- Allowed booking of clinics online through computers or mobiles through the following steps:
 - Download (MU student portal) program from play store
 - Get username and password from Faculty students affairs
 - Choose your system of study either conventional or credit hours.
 - Book the required medical examination.
 - Set to the clinics of University Students Hospital in the selected day, bringing your therapeutic card.

4- University Library

Providing computer labs and wireless Internet and a comprehensive library of the latest scientific references

5- Mansoura Olympic village

<http://olympic.mans.edu.eg/>

Guide to Mansoura

<https://en.wikivoyage.org/wiki/Mansoura>

Key Academic and administration staff

Prof. Ashraf Shoma	Program Director
Prof. Adel Bondok	Phase 1 director
Prof. Rafik Barakat	Phase 2 director
Prof. Ahmed Negm	Phase 3 director
Prof. Rania Naeem	Quality unit officer
Associate Prof. Dalia Moemen	SSC Supervisor
Dr Mohamed Refaat	E learning organiser

Contact

 Faculty of Medicine, Mansoura University, El Gomhoureya St., Mansoura City, Dakahlia Governorate 35516 Egypt



ssc.mansoura-manchester@mans.edu.eg



(02) (050) 2235069



(02) (050) 2267016