

Republic of the Union of Myanmar
National Unity Government
Ministry of Education
Interim University Council
University of Medicine, Taunggyi



About Us

The University of Medicine, Taunggyi, Interim University Council (UMTGI IUC) was established in May 2021 as a response to the military coup in Myanmar. Following the coup, students, health care professionals, faculty staff from the University of Medicine, Taunggyi, along with other medical institutions, initiated a Civil Disobedience Movement (CDM) to protest against the illegitimate military regime. To continue medical education under these challenging circumstances, the Interim University Council was formed by CDM students, health care professionals and faculty staff from UMTGI to oversee and manage the academic affairs of the university.

The mission of the UMTGI IUC is to provide uninterrupted medical education to students who have boycotted the military-controlled education system. By offering interim education programs, we aim to foster future healthcare leaders who are committed to serving people and upholding the values of democracy and justice. We emphasize the importance of maintaining the quality and integrity of medical training during this period of adversity and even under this complex armed conflict situation.

We operate with a commitment to inclusivity, transparency, and accountability. We collaborate with various stakeholders, including student unions, faculty associations, medical societies and healthcare professionals, to ensure that the educational needs of medical students are met. Through our efforts, we seek to uphold the standards of medical education and contribute to the development of a healthcare system that is responsive to the needs of the people.

In addition to our educational initiatives, we are actively involved in advocacy and awareness campaigns. We work to raise public consciousness about the importance of medical education and the challenges faced by students and educators under the current political climate and armed-conflict situation. By engaging with the broader community, we aim to garner support for its mission and promote the values of democracy and human rights in Myanmar.

Despite the challenges posed by the political situation, the UMTGI IUC remains steadfast in its commitment to providing quality medical education. Through its resilience and determination, we continue to train the next generation of healthcare professionals who will play an important role in rebuilding and strengthening Myanmar's healthcare system in the democratic future.

Full outline of M.B.,B.S Program (Outcome-based Integrated Curriculum) including Learning platform

Introduction

The new MBBS curriculum has been started in the University of Medicine Taunggyi to provide medical students to acquire competencies of professional attributes such as, but not limited to, knowledge, skill, attitude, core values, ethics, etc. which are essential to becoming competent medical doctors. This program fosters student-centered learning enabling learning opportunities for comprehensive learning: self-directed learning, critical thinking, application of the principles of medicine beyond memorization. Teaching strategies focus on expected outcomes (competencies) for the development of professional skills relevant to the health care needs of the community. UMTGI graduates are expected to be qualified doctors who can provide patient-centered care as primary care physicians.

Program learning outcomes of the undergraduate medical curriculum are based on the following domains:

- Medical knowledge
- Patient care
- Practice-based learning
- System-based practice
- Ethics and professionalism
- Interpersonal and communication skills.

The definition of the domains can be seen on

[Learning Outcomes | Myanmar \(myanmarclinicalguidance.com\)](http://myanmarclinicalguidance.com)

The duration of the course is a total of 6 years, composed of Foundation Year (FY), Pre-clinical years (M1 & M2), and clinical years (M3, M4, and M5).

Foundation Year (FY)

Foundation year has 2 semesters.

Semester 1:

Semester 1 takes **24 weeks** of teaching with 6 weeks of assessment duration; students will learn GCE-A level science subjects with emphasis on the application of medical science. Language subjects aim for student's communication skills, appreciation of literature, and culture needed for soft-skill development. Followings are the subjects that students have to learn in semester 1 of FY:

Language-1: Myanmar

Language-2: English

Science-1: Biology (Zoology and Botany)

Science-2: Physics and Mathematics

Science-3: Chemistry

Semester 2

Semester 2 takes **12 weeks of teaching** with **2 weeks of assessment** duration. This semester is the short introductory course for principles of basic medical science subjects, to provide a basic foundation of medical science subjects for easy understanding of Integrated system modules in the upcoming Medical year-1 and -2 (M1 & M2). Students have to learn the following principles:

- Structural Principle
- Functional Principle
- Molecular Principle
- Principle of Disease Mechanism
- Principle of Medical Microbiology
- Principle of Drugs Therapy

Personal and Professional Development Program (PPD)***

Students are obliged to participate in the PPD program, in which students are trained to abstract basic ethical principles, civic, humanity, and health care system of the country. Active participation of each student in group discussions, presentations, and reflective report writing for a virtual tour to hospital is mandatory in PPD sessions. This program aims to provide opportunities for students to acquire skills of leadership, teamwork, interpersonal communication skills, and self-awareness for developing attributes of Professionalism in the practice of medicine as a service to mankind.

Medical Year-1 and 2 (M1 & M2)

M-1 and M-2 of the program are mainly for basic medical sciences with clinical reasoning. In these years, students have to learn integrated teaching of basic medical science subjects in **10 system modules**. Students are expected to acquire knowledge of the normal structure and function of each organ system, molecular, biochemical, and cellular mechanisms that are important in maintaining the body's homeostasis, and knowledge of the various disease mechanisms that altered in structure and function (pathology and pathophysiology) of the body. Students are expected to demonstrate an understanding of the scientific basis and interpretation of common diagnostic studies, ability to develop a rational therapeutic approach based on principles of pathophysiology and pharmacology.

Vertical modules

Following vertical modules are incorporated throughout the Medical Years (M1to M5).

- Clinical management
- Ethics and professionalism
- Community and family medicine
- Social and behavioral science
- Research culture and skill

The definition of the domains can be seen on

Clinical Years (M3, M4, and M5) ***

In clinical years, students will be involved in a series of clinical rotations including electives, a **residential field trip** for community and family medicine training. Students will undertake clinical placements in various departments of the following **affiliated teaching hospitals of UMTGI**.

Medical Year-3 (M3)

Medical Year-3 is junior clerkship training, mainly core clinical medicine with **hospital-based teaching**. Students will learn general medicine with related specialties and general surgery with related specialties by rotating placement posting. There is a 4-week **elective period**; students may choose to learn their interested field by proposing a structured proposal. In the elective component, students are encouraged to seek experiential learning opportunities in contexts of their interest to broaden their awareness of the health challenges communities are facing. The elective program aims for the development of competencies and qualities of future physicians extend beyond medical and technical competence.

Medical Year-4 (M4)

Medical Year-4 is specialty clerkship training that focuses on specialties in all areas of medicine, including Pediatrics, O&G, Psychiatry, Geriatrics, Palliative care, Emergency Medicine, Anesthesia, Forensic Medicine with short-term re-visit to general medicine and general surgery. In this year, 4 weeks of **residential field training (RFT)** are included as a part of the community and family medicine program. Students will be placed at township hospitals and rural health centers to learn health care in the community, for the understanding of health-related issues with promoting health and preventing diseases.

Medical Year-5 (M5)

Medical Year-5 (Final year) is senior clerkship training mainly in clinical workplaces; students are rotated among four major clinical departments. In this year, 4 weeks of **student-selected component (SSC)** is planned for the student's self-directed learning; students will have their own choice to learn in one of the clinical departments for their further improvement in clinical practices.

Teaching/Learning Activities

The new curriculum emphasizes student-centered learning. Students are responsible for active participation in small group teaching sessions; team-based learning, problem-based learning, and case-based learning session. These teaching-learning strategies enabled independent decision-making and improvement of communication skills which encourages the students to become lifelong learners in the ever-updating medical profession and science.

Assessment

The training program of the new MBBS course is very intensive; student's commitment and dedicated performance are fundamental to ensure the achievement of expected competencies/outcomes. Students will face several series of assessments including continuous assessments, module-end assessments, and year-end assessments. According to the level (year) of the program, students' competencies will be assessed by written tests/exams, practical tests, viva-voce, OSCE (Objective Structured Clinical Examination), and OSPE (Objective Structured Practical Examination).

Attendance

Student's attendance and engagement will be **strictly** assessed in zoom live lectures, pre-recorded video lectures, group learning activities such as team-based learning, simulation-based learning, and case-based learning. Students must submit leave form to the admin team before live lectures. Collective attendance and engagement will be announcement after teaching periods and students with less than 75% of collective attendance are debarred from taking semester end test.

Yr	Dec / Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
FY	Foundation for Science GCE A, Medical Related Sciences)						SA	Break	Principle Block		SA	Holidays	
	Personal and Professional Development (PPD)								PPD				
	Integrated System Modules (M-1 & M-2)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
M-1	Musculoskeletal		Genetic		Cardiovascular		Respiratory		GI, Liver, Nutrition		SA	Holidays	
M-2	Haematology		Immunology		Endocrine		Renal & Reproductive		Neurology & Psychiatry		SA	Holidays	
Integration with Vertical Modules (From M-1 to M-5)													
Clinical Years M-3 to M-5 (M-3: Junior Clerkship, M-4: Speciality Clerkship, M-5: Senior Clerkship)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
M-3	General Medicine					Elective	General Surgery					SA	Holidays
	Infection, Radio, Dermato, EENT						Ortho, Rehab, Forensic medicine						
	General Surgery						General Medicine						
	Ortho, Rehab, Forensic medicine						Infection, Radio, Dermato, EENT						
M-4	Pediatrics, O&G, Psychiatry					Residential Field Trip	Medicine, Geriatric, Palliative Care, Surgery, EM, Anaesthesia, Forensic					SA	
	Medicine, Geriatric, Palliative Care, Surgery, EM, Anaesthesia, Forensic						Pediatrics, O&G, Psychiatry						
M-5	Rotation of Hospital postings in Medicine, Surgery, O&G, Pediatrics with SSC										SA		

