Technological University (Mandalay)

**Technological University (Mandalay)**is one of the oldest engineering educational establishment in Myanmar. TUM has total land area of 65.37 Acres (26.45 km2). It is located in Pathein Gyi Township of Mandalay City. It was established as the Government Technical Institute (G.T.I) being opened by U Nu, Prime Minister of the Union of Burma (Myanmar) on 20th December 1955. There was Diploma level of engineering education. On August 1999, the Government upgraded from GTI to GTC (the Government Technical College) and then it was upgraded from GTC to TUM (Technological University Mandalay) on 20th January 2007.  
  
Therefore TUM has 63 years experiences of engineering education services. This is a great image of the University in Myanmar for long life education service. Currently, we have over 400 staffs and 4435 undergraduate students who are learning their respective engineering and architecture programmes. TUM consists of totally six faculties and ten departments making effort under the quality process on teaching, learning and practical training for their student outcomes based on education.

### Vision

To be a leading University from regional to global driven by internationally recognized in engineering education and create a better future for all through its professional and technology oriented focus based on research and innovation . . .

### Mission

* To implement the principles and statues of National Education Law and Higher Education Law.
* To cooperate widely among research centre, industries and organizations in regional and global community by internationally recognized University.
* To educate students in their chosen engineering and architecture professions reliable international education standards and the outstanding, creation and innovation on respective research field area.

Objectives of the University

* To set up a good way of organizing in University based on international quality management standard of higher education.
* To provide as a reference or guideline or official procedure to all staffs who are working at the different service areas of University.
* To fulfill the requirements of criteria of international accreditation practice.
* To get the certification of international quality management standard of ISO 9001:2008 as a University benchmark.

### Philosophy

TUM aims its graduated engineers and architectures to be good leaders for future in different fields of their work places.

Doing so that, TUM gives quality, efficiency and capacity achievement to the students not only professional development but also their life skill, knowledge and experience based on physically and morally good results.

TUM is making continuous improvement in engineering education to meet our aim with the participation of all who are interested in Education.

### Historical Background

### GTI

In 1955 - Established as the Government Technical Institute (G.T.I).

### GTC

In 1999 - Upgraded from GTI to GTC (Government Technical College).

### TUM

In 2007 - Upgraded from GTC to TUM (Technological University Mandalay).

Therefore TUM has 63 years experiences of engineering education services.

## **Programmes**

Technological University(Mandalay) TUM aims its graduated engineers and architectures will be good leaders for future in different field of their work places. The university offers a wide range of undergraduate and postgraduate degree programmes.

achelor Programme (B.E) 6 Year

**The bachelor degree program**is a foundation programme and challenging for the preparation of young individuals who are able to fulfill ever-changing demand of 21st century education. With a variety of courses offered by the various faculties, the candidate will benefit from a broad-based education in multiple disciplines.  
  
The candidate who wants to join bachelor degree programme must pass the matriculation exam held by the government and must have the total exam marks at least 450.  
  
To achieve a Bachelor Degree, students have to attend six years. There are two semesters in an academic year. For each semester, it includes mid-term and final exams, tutorials, case study, practical/lab tests and project according to the nature of subject. The students must have at least 75% attendance in every lecture for taking exam. The students will achieve the degree unless they fail to submit mini-thesis in the final year.  
  
The Bachelor Degree programmes are:

* B.E (Civil Engineering)
* B.E (Electronics Engineering)
* B.E (Electrical Power Engineering)
* B.E (Mechanical Engineering)
* B.ARCH (Architecture)
* B.E (Information Technology)
* B.E (Mechatronic Engineering)
* B.E (Chemical Engineering)
* B.E (Mining Engineering)
* B.E (Petro Engineering)

Master Programme (M.E) 2 Year

**Master degree programme**provides the advanced skills and research needed to work as a qualified engineer in specific specialized-areas. It encompasses the latest research for the development of society and solving the real world problems.  
  
The student who wants to join master degree programme must possess a bachelor degree in engineering passed with credit in a specific field. Students are required to take the entrance exam and oral test. The students who pass the entrance exam and oral test can join the master degree programme. They are required to attend one year course work and one year thesis.  
  
The master degree programmes are:

* M.E (Civil Engineering)
* M.E (Electronics Engineering)
* M.E (Electrical Power Engineering)
* M.E (Mechanical Engineering)
* M.ARCH (Architecture)
* M.E (Information Technology)
* M.E (Mechatronic Engineering)
* M.E (Chemical Engineering)

### Admission Requirements

High school graduates specialized in science can apply engineering disciplines. English proficiency is indispensable. Allocation is made by the academic committee of the University on the basis of merit and choice preferences of each candidate. Therefore, high school grading is obviously important.

Registration Requirements for Fresher

Registration process flow charts are displayed on the University's Notice board and in Student's Affair Office. For the registration, new intake students must submit :

* A complete application form
* Transcript or High School Credentials
* A copy of marks certificate
* The copy of NRC of parents and applicant
* 5 pcs of (1.5" x 1.3") license photo