



COME AND STUDY ENGINEERING AT ONE OF THE WORLD'S BEST FACULTIES

Direct Intake to UM International Engineering Degree Programmes
Open For All!

For enquiries or appointment
to meet us, please contact:
A Deputy Dean's Office
(Undergraduate Studies),
Faculty of Engineering, UM
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E pejtda_fkej@um.edu.my
M (603) 7967 5200 / (603) 7967 5201

APPLY ONLINE
umccd.edu.my



The programmes we offer:

- **Bachelor of Biomedical Engineering**
- **Bachelor of Chemical Engineering**
- **Bachelor of Civil Engineering**
- **Bachelor of Electrical Engineering**
- **Bachelor of Mechanical Engineering**

Duration: **4 years**

Entry Requirements for Direct Intake to UM International Degree Programmes

Malaysian Applications (General Requirements of the University):

Applicants must obtain a pass in SPM/equivalent with credit in Bahasa Melayu/Bahasa Malaysia or a credit in Bahasa Melayu/Bahasa Malaysia July Paper and obtain a pass in Sejarah (SPM 2013 and above) and also required to obtain at least Band 3 in MUET.

STPM	DIPLOMA/EQUIVALENT	OTHER REQUIREMENTS
<p>Pass STPM with at least CGPA 3.00 and obtained Grade B in Mathematics (T); and Physics;</p> <p>and</p> <p>Obtained at least Grade B in any of the following one (1) subjects:</p> <ul style="list-style-type: none">• Biology;• Chemistry;• Information and Communication Technology (ICT) <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>	<p>REQUIREMENT 1</p> <p>Obtained Diploma that is recognised by the Malaysian Government and approved by the University Senate. The applicant's must have a Diploma in the same field related to the engineering programme applied with CGPA of at least 3.30;</p> <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p> <p>or</p> <p>REQUIREMENT 2</p> <p>Pass STPM not in current year with at least CGPA 3.00 and Grade B in Mathematics (T); and Physics</p> <p>and</p> <p>Obtained at least Grade B in any one (1) of the following subjects:</p> <ul style="list-style-type: none">• Biology;• Chemistry;• Information and Communication Technology (ICT)	<p>REQUIREMENT 1</p> <p>Passed the GCE A-Level with at least Grade B in Mathematics; and Physics;</p> <p>and</p> <p>Obtained at least Grade B at the A-Level in one (1) of the following subjects:</p> <ul style="list-style-type: none">• Further Mathematics;• Chemistry;• Biology <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>However, applicants who not have MUET but have the following results may be considered for conditional offer by fulfilling the MUET requirements within the duration of one (1) academic session:</p> <ul style="list-style-type: none">• Obtained at least Band 5.5 in IELTS (Academic);• Obtained score of at least 550 points (PBT) / 213 points (CBT) / 80 points (IBT) in TOEFL <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>
<p>MATRICULATION/ FOUNDATION</p> <p>Pass Government Matriculation /UM Foundation of Science/or Matriculation/Foundation from other institutions that is recognised by the Government and University Senate and obtain CGPA of at least 3.00 and Grade B in Mathematics; Physics/Engineering Physics; Biology/Chemistry/Engineering Chemistry /Computer Science/Computing</p> <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>	<p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p> <p>or</p> <p>REQUIREMENT 3</p> <p>Pass Government Matriculation/ UM Foundation of Science/or Matriculation /Foundation from other institutions that is recognised by the Government and University Senate and obtain CGPA of at least 3.00 and Grade B in Mathematics and Physics/ Engineering Physics</p> <p>and</p> <p>Obtained at least Grade B in any one (1) of the following subjects:</p> <ul style="list-style-type: none">• Biology;• Chemistry;• Information and Communication Technology (ICT)	<p>REQUIREMENT 2</p> <p>Possess the International Baccalaureate Diploma (IB) with at least 30 Point Score and obtained Grade 4 (Higher Level) in Mathematics; and Physics;</p> <p>and</p> <p>Obtained at least Grade 4 (Higher Level) in International Baccalaureate (IB) Diploma in one (1) of the following subjects:</p> <ul style="list-style-type: none">• Further Mathematics;• Chemistry;• Biology <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>However, applicants who not have MUET but have the following results may be considered for conditional offer by fulfilling the MUET requirements within the duration of one (1) academic session:</p> <ul style="list-style-type: none">• Obtained at least Band 5.5 in IELTS (Academic);• Obtained score of at least 550 points (PBT) / 213 points (CBT) / 80 points (IBT) in TOEFL <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>
<p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>	<p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>	<p>or</p> <p>REQUIREMENT 3</p> <p>Possess the Australian Matriculation Programme (AUSMAT) with a minimum Australian Tertiary Admission Rank (ATAR) of 70 percent and a minimum score of 16 points (High Achievement) in Mathematics; and Physics;</p> <p>and</p> <p>Obtained 16 points (High Achievement) in one (1) of the following subjects:</p> <ul style="list-style-type: none">• Chemistry;• Biology;• Mathematics Specialist <p>and</p> <p>Obtained at least Band 3 in MUET</p> <p>However, applicants who not have MUET but have the following results may be considered for conditional offer by fulfilling the MUET requirements within the duration of one (1) academic session:</p> <ul style="list-style-type: none">• Obtained at least Band 5.5 in IELTS (Academic);• Obtained score of at least 550 points (PBT) / 213 points (CBT) / 80 points (IBT) in TOEFL <p>and</p> <p>Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind except with a certificate from a Registered Medical Practitioner</p>



Our Rankings



Reasons to Study engineering@UM

- Study at one of the world's best Faculty (ranked 65 under the latest QS World University Rankings 2021) and all our programmes are ranked number ONE in Malaysia
- Our degree programmes are accredited by Board of Engineers Malaysia & Washington Accord
- We have Industry partners (Daikin, Motorola Solutions, Rhode & Scharwz, Proton and Ossur) with research laboratories sited at the Faculty for a more engaging student experience
- Opportunity to participate in solving complex engineering problems through our industry consultancy projects
- Student friendly facilities with newly renovated cubes/lecture theatres/canteens/etc
- Dedicated and experienced professors and staff
- Most of our academic staff are Professional Engineers and/or Chartered Engineers
- Strategic location (in the heart of the city), with easy access through UM rides and public transport
- Our graduates are highly sought after upon graduation by industries and academia
- Opportunity to be part of world class research programmes in the Faculty
- Opportunity to participate in student exchange and mobility programmes with our international network and partner universities

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