



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

Direct Intake to UM International Engineering Degree Programmes in February 2018  
**OPEN FOR ALL!**

For enquiries or appointment  
to meet us, please contact:  
**Engineering Business Unit**  
**Faculty of Engineering, UM**  
**W** [engine.um.edu.my](http://engine.um.edu.my)  
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**M** +6010 239 7979

**APPLY ONLINE**  
[umcced.edu.my](http://umcced.edu.my)



**LIMITED SEATS AVAILABLE. APPLICATION DEADLINE: 29 JANUARY 2018**

The programmes we offer:

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

Total Fees: **RM 90,000**

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.

<b>STPM</b>	<b>MATRICULATION/ FOUNDATION</b>	<b>DIPLOMA/EQUIVALENT</b>	<b>OTHER REQUIREMENTS</b>
Pass STPM with at least <b>CGPA 3.00 and obtained Grade B- in Mathematics (T)</b> ;  <b>and</b>  Obtained at least <b>Grade B-</b> in any of the following two (2) subjects: <ul style="list-style-type: none"><li>• Physics;</li><li>• Biology;</li><li>• Chemistry</li></ul> <b>and</b>  Obtained at least <b>Band 3</b> in MUET  <b>and</b>  Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind.	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 <b>3.00</b> and <b>Grade B-</b> in Mathematics  <b>and</b>  Obtained at least <b>Grade B-</b> in any of the following two (2) subjects: <ul style="list-style-type: none"><li>• Physics/Engineering Physics</li><li>• Biology</li><li>• Chemistry</li></ul> <b>and</b>  Obtained at least <b>Band 3</b> in MUET  <b>and</b>  Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind.	Obtained Diploma with a <b>CGPA of 3.00</b> that is recognised by the Malaysian Government and approved by the University Senate and the applicant's Diploma must in same field of engineering with the programme applied with <b>CGPA</b> of at least <b>3.0</b> in engineering field related to the programme study applied;  <b>or</b>  Pass STPM not in current year with at least <b>CGPA 3.00</b> and <b>Grade B- in Mathematics (T)</b> ;  <b>and</b>  Obtained at least <b>Grade B-</b> in any of the following two (2) subjects: <ul style="list-style-type: none"><li>• Physics;</li><li>• Biology;</li><li>• Chemistry</li></ul> <b>or</b>  Pass Government Matriculation /UM Foundation of Science/or Matriculation /Foundation from other institutions that is recognised by the Government and University Senate and obtain <b>CGPA of at least 3.00</b> and <b>Grade B-</b> in Mathematics;  <b>and</b>  Obtained at least <b>Grade B-</b> in any two (2) of the following subjects: <ul style="list-style-type: none"><li>• Physics/Engineering Physics;</li><li>• Biology;</li><li>• Chemistry</li></ul> <b>and</b>  Obtained at least <b>Band 3</b> in MUET  <b>and</b>  Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind.	Have qualifications in <b>GCE A-Level</b> with at least <b>Grade C</b> in Mathematics;  <b>and</b>  Obtained at least <b>Grade C</b> at the A-Level in two (2) of the following subjects: <ul style="list-style-type: none"><li>• Further Mathematics;</li><li>• Physics;</li><li>• Chemistry;</li><li>• Biology</li></ul> <b>or</b>  Have qualifications in <b>Australian Matriculation Programme (AUSMAT)</b> with at least Australian Tertiary Admission Rank (ATAR) of <b>80 percent</b> and obtained <b>16 points (High Achievement)</b> in Mathematics;  <b>and</b>  obtained <b>16 points (High Achievement)</b> in one (1) of the following subjects: <ul style="list-style-type: none"><li>• Physics;</li><li>• Chemistry;</li><li>• Biology;</li><li>• Mathematics Specialist</li></ul> <b>or</b>  Have qualifications in International Baccalaureate Diploma (IB) with at least <b>30 Point Score</b> and obtained <b>Grade 4 (Higher Level)</b> in Mathematics  <b>and</b>  Obtained at least <b>Grade 4 (Higher Level)</b> in International Baccalaureate (IB) Diploma in one (1) of the following subjects: <ul style="list-style-type: none"><li>• Physics;</li><li>• Further Mathematics;</li><li>• Chemistry;</li><li>• Biology</li></ul> <b>and</b>  Obtained at least <b>Band 3</b> in MUET  <b>or</b>  Obtained at least <b>IELTS (Academic) Band 5.5</b>  <b>or</b>  Obtained score at least 550 (PBT) / 213 (CBT) / 80 (IBT) in TOEFL.  <b>and</b>  Candidates who apply for Bachelor of Electrical Engineering and Bachelor of Chemical Engineering must not be colour blind.

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## Our Rankings



## Reasons to Study engineering@UM

- Study at one of the world's best Faculty (ranked 35 under the latest QS World University Rankings 2017) 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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