



**UniKL**  
UNIVERSITI  
KUALA LUMPUR

“THE RIGHT  
CHEMISTRY  
FOR SUCCESS”



# Universiti Kuala Lumpur MICET

UNIVERSITI KUALA LUMPUR  
MALAYSIAN INSTITUTE OF CHEMICAL AND  
BIOENGINEERING TECHNOLOGY

LOT 1988, KAWASAN PERINDUSTRIAN BANDAR VENDOR,  
78000 ALOR GAJAH, MELAKA, MALAYSIA



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## ABOUT US

University Kuala Lumpur Malaysian Institute of Chemical & Bioengineering Technology (UniKL MICET)

Universiti Kuala Lumpur Malaysian Institute of Chemical and Bioengineering Technology (UniKL MICET) is a pioneer institution of higher learning in the country that provides hands-on chemical based technology education located in Alor Gajah, Melaka.

The courses at UniKL MICET place high emphasis on the interaction between scientific and technological training and industrial experience with the contents of its courses regularly reviewed in accordance with the changing needs of the industry.

Our integrated educational curriculum and practice-oriented teaching make learning interesting and enable students to apply their knowledge and hands-on skills required by the industry. Our laboratory and workshops are well equipped with state-of-the-art equipment. Many of our faculty members have vast industrial experience, with professional and academic qualifications.

The university aims to provide graduates with the knowledge, skills and attitude to meet the challenges of the high-tech, global knowledge economy.





## WHY CHOOSE UNIKL MICET ?

Universiti Kuala Lumpur Malaysia Institute of Chemical & Bioengineering Technology (UniKL MICET) is the biggest campus which offers chemical engineering technology education in Malaysia. It is equipped with complete facilities for the field of chemical engineering technology comprising of 43 up-to-date laboratories that cater for the various specialisations in the field: Polymer, Environment, Bioprocess, Process and Food Technologies. Our programmes expose students to a comprehensive curriculum in the fields related to chemical engineering technology via both theory and practical. All of our programmes are approved and accredited by MQA MBOT, ETAC and BEM.

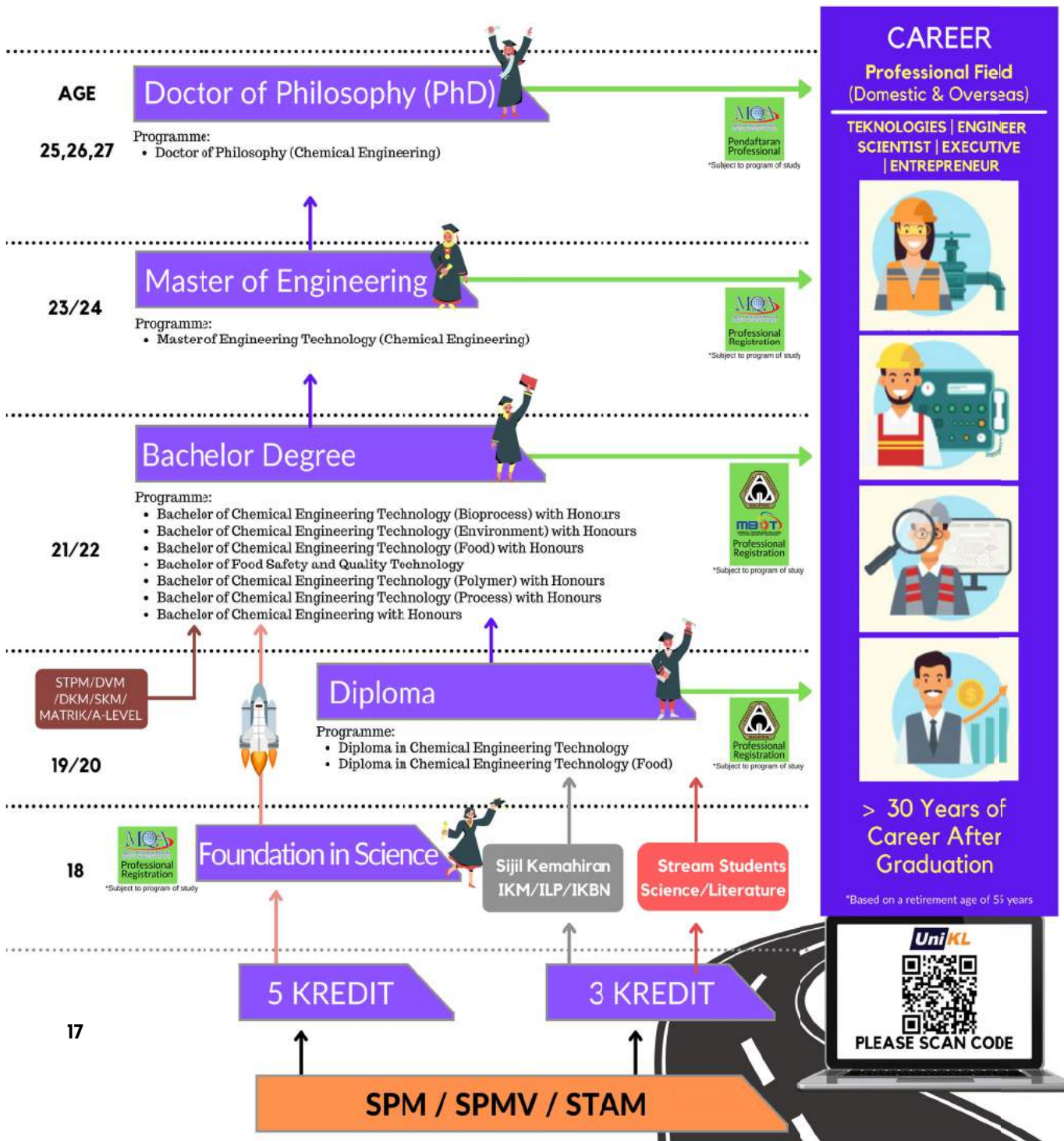
- ✔ Halal certificate program
- ✔ Intergrqph professional certificate training program
- ✔ Latest software with IR4.0 elements for chemical plant
- ✔ Hands on element of teaching and learning
- ✔ State of the art Chemical Engineering
- ✔ Study abroad for 1 semester through our global mobility programmes

**12<sup>th</sup>  
universities in  
Malaysia.**

**from 1,662  
ranked  
universities  
worldwide**

**employability  
rate 98%**

# PATHWAY OF UNIKL MICET



# OUR PROGRAMMES

## Postgraduate Programme

- Doctor of Philosophy (Chemical Engineering) JPT/BPP (R2/524/8/0044) 10/25, MQA A 9321
- Sarjana Teknologi Kejuruteraan Kimia JPT/BPP (R2/524/7/0043) 10/23, MQA A 9320

## Bachelor Degree Programme

- Bachelor of Food Safety and Quality Technology  
JPT/BPP (N/541/6/0059) 04/26, MQA/PA 14057
- Bachelor of Chemical Engineering Technology (Bioprocess) with Honours  
JPT/BPP (R2/524/6/0015) 07/22, MQA/FA 11929
- Bachelor of Chemical Engineering Technology (Environment) with Honours  
JPT/BPP (R/524/6/0062) 02/22, MQA/FA 11932
- Bachelor of Chemical Engineering Technology (Food) with Honours  
JPT/BPP (R2/524/6/0014) 07/22, MQA/FA 11931
- Bachelor of Chemical Engineering Technology (Polymer) with Honours  
JPT/BPP (R/524/6/0060) 02/22, MQA/FA 11930
- Bachelor of Chemical Engineering Technology (Process) with Honours  
JPT/BPP (R/524/6/0061) 02/22, MQA/FA 11928
- Bachelor of Chemical Engineering with Honours  
JPT/BPP (R/524/6/0013) 07/22, MQA/FA 1722



## Diploma Programme

- Diploma in Chemical Engineering Technology (Food)  
JPT/BPP (R2/524/4/0038) 10/24, MQA FA 11409
- Diploma in Chemical Engineering Technology  
JPT/BPP (N/524/4/0072) 04/26 MQA/PA14383

## Foundation

- Foundation in Science  
JPT/BPP (N/010/3/0530) 01/25, MQA/FA 12391

# ENTRY REQUIREMENTS

## Foundation

- **Pass** in Sijil Pelajaran Malaysia (SPM) / O-Level / equivalent with at least **5 credits** (minimum grade C and higher) OR
- Other equivalent qualifications recognized by the Malaysian Government
- For **international** students, **minimum** English language requirements are IELTS 4.0/CEFR A2 or equivalent TOEFL PBT (397) or TOEFL IBT (30-31) or CAE (160) (Cambridge English: Advance)/CEFR B2 or CPE (180) (Cambridge English: Proficiency) / CEFR C1 or PTE (Pearson Test of English) (30) or MUET (Malaysian University English Test) (Band 2)

## Diploma Programme

- **Pass** the SPM/SPMV/O level with **credits** in **THREE** (3) subjects, including Mathematics, ONE (1) and Science/Technical/Vocational-related subject and ONE (1) other subject, and a **PASS** in English. OR
- Any equivalent or recognized Qualification

## Bachelor Degree Programme

- **Diploma** or **Foundation**, or any relevant qualification with a **minimum** CGPA of **2.0** and above. OR
- **Diploma** or **Foundation** in Science / Technology, or **STPM**, or any relevant qualification with a **minimum** CGPA of 2.0 and above with **credits** in Mathematics and any related Science subject. OR
- **Pass** the **International Baccalaureate** (IB) with a minimum of **24 points**, with a minimum score of **4** in Mathematics and any related Science subject

## Postgraduate Programme

### *Master of Engineering Technology (Chemical Engineering)*

- **Bachelor's degree** in Engineering/ Engineering Technology with **minimum** CGPA of **2.75** or **equivalent** from local or any other institutions of higher learning as approved by the Senate of UniKL; OR
- **Bachelor's degree** in Engineering/ Engineering Technology with a **CGPA between 2.50 to 2.75** is **acceptable** for admission depends on rigorous internal assessment (for UniKL, the internal assessment is at least 2 years working experience in a related field). OR
- **Bachelor's degree** in Engineering/ Engineering Technology or equivalent with **CGPA less** than 2.50, with at **least 5 years** relevant working experience in relevant fields is acceptable for admission.
- For candidates with **Bachelor's degree** in Science/ Technology or equivalent (non-Engineering/ Engineering Technology), **pre-requisite module** in Engineering **and Engineering Technology** is to be offered -English language proficiency level of either a minimum of **IELTS band 5** or **TOEFL 500** (for international students).
- Other qualifications recognized by the Malaysian government or the Universiti Senate.

### **Doctor of Philosophy (Chemical Engineering)**

- **Master degree** in Engineering/ Engineering Technology/ Technology from local or any other institutions of higher learning as approved by the Senate of UniKL; OR
- English language proficiency level of either a minimum of **IELTS band 5.0** or **TOEFL 500** (for international students).

## ALUMNI TESTIMONIALS



*"For 4 years of study in UniKL MICET, there's so many experince that I gained especially through the hands-on technical & management learning. Nobody can be perfect for me, UniKL MICET's existence is the best choice becuae it combines knowledge , virtues and creativity."*

**Fatin Syaheera binti Yahya**

Bachelor of Chemical Engineering Technology (Food) with Honours (2012)  
Senior Manager of Procurement Management (Felcra Niaga Sdn Bhd)



*"UniKL MICET offered me the opportunity to learn hands on technical knowledge with advanced laboratory equipment besides, coaching and enhancing my management skills with all the classrooms and off-classroom activities. "*

**Veronica Shahlani Arulanthu**

Bachelor of Chemical Engineering Technology (Bioprocess) with Honours (2014)  
Senior Process Design Engineer Production Wipro Manufacturing Services Sdn Bhd



*"With the aid of multitude of well-equipped laboratories and lab-scaled industrtrial plants and facilities, UniKL MICET has given me the opportunity to learn first-hand on the What's and How's that stand ready in my career."*

**Ihsan bin Idris Chin**

Bachelor of Chemical Engineering Technology (Process) with Honours (2018)  
Food Engineer  
Ospelt Food GmbH , Germany



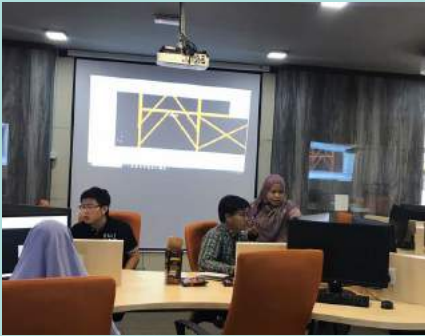
*"Life is all about making choices, and I'm glad that I choose UniKL MICET. Looking back to my 4 years here, I realised that I experienced many hands-on learning sessions ans all well-equipped laboratories that are technologically-tailored for all needs in chemical and polymer engineering technology. "*

**Nur Hidayah binti Md Said**

Bachelor of Chemical Engineering Technology (Polymer) with Honours (2012)  
Effluent Engineer  
Classic Palm Oil Mill Sdn Bhd

# FACILITIES

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*Latest software*



*Pilot Plant*



*Smartboard*



*Food Technology Lab*



*Environment Technology Lab*



*Polymer Technology Lab*



*Process Technology Lab*



*Biotechnology Lab*

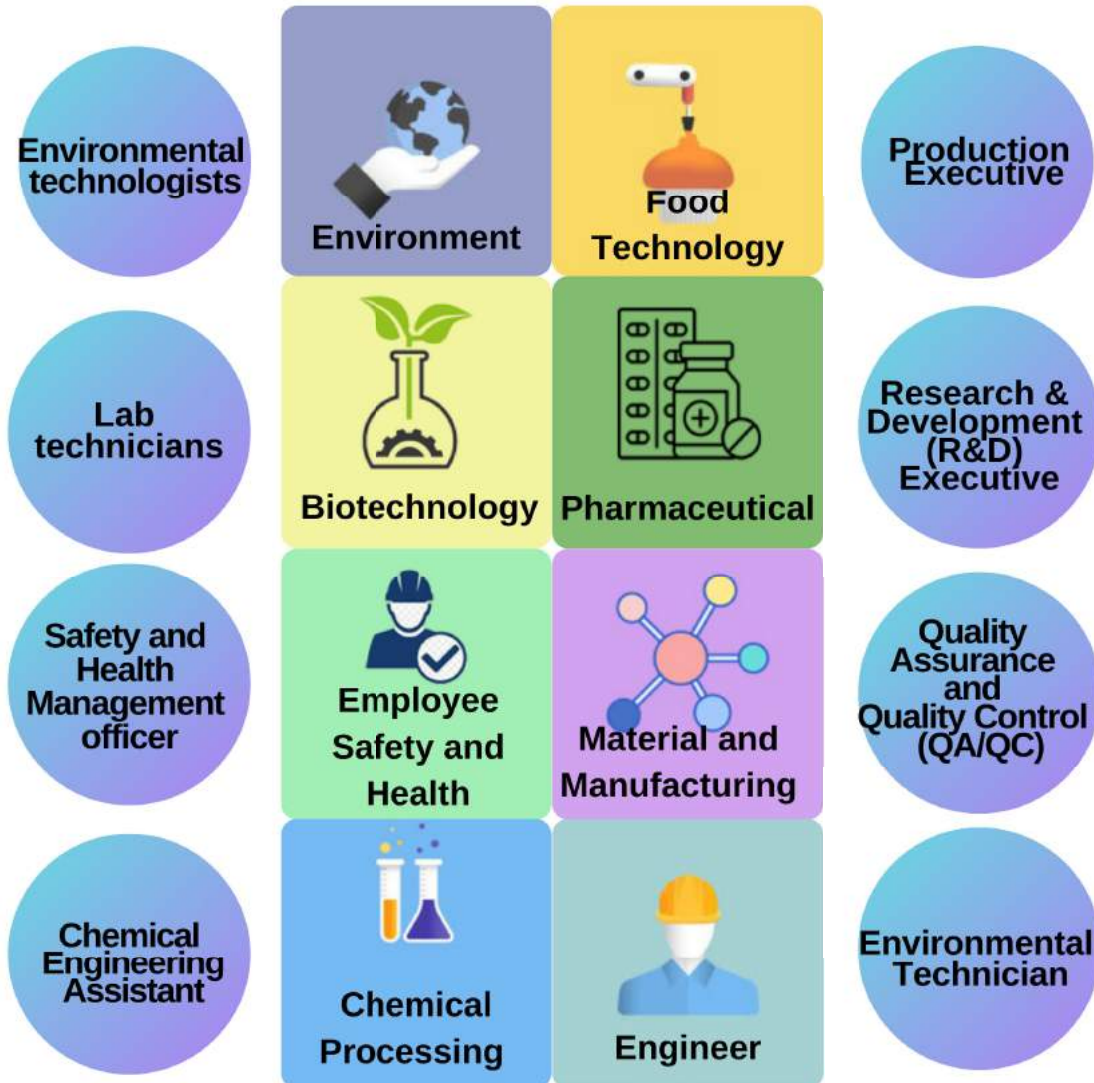


*PreGMP lab*



# CAREER PROSPECTS

Our graduates have unlimited opportunities in getting jobs either in public or private sectors.





[www.micet.unikl.edu.my](http://www.micet.unikl.edu.my)



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