



Vision

Become a relevant, respected and referred faculty in producing, technologically-skilled, entrepreneurial and holistic human beings who support the country's industrialisation and global well-being.

Mission

We provide high quality academic, research and innovation with high commercial value, community service and industry-relevant technology based on natural resources and nature.

How to Apply

Application forms are available online at cps.umk.edu.my. More information is also available at our faculty's website, fbkt.umk.edu.my. For further inquiries, you may reach us at 09-9477406.



<http://fbkt.umk.edu.my/>



List of Expertise and Researcher - FBKT



<http://cps.umk.edu.my/>

Admission Requirement

Master Programme (MSc.)

- Bachelor's degree with good scholastic achievement (CGPA > 2.75) from well recognized higher learning institutions, or any equivalent qualification as endorsed by the Senate of UMK.

Doctor of Philosophy Programme (PhD)

- Master's degree from well recognized higher learning institutions, or any equivalent qualification as endorsed by the Senate of UMK, **OR**

Any other qualification equivalent to a Master's degree and who possesses evidence of adequate research or work experience as recognized by the Senate of UMK, **OR**

A master's student who has completed at least two semesters of his/her study and exhibits outstanding progress, can be considered by the Faculty for conversion to a Ph.D. programme, subjected to the Senate's approval, **OR**

A graduate student with an outstanding Cumulative Grade Point Average (CGPA) of > 3.70 from UMK or any other higher learning institutions recognized by the Senate, will be allowed to pursue the PhD programme directly.

Other Information

- Candidate currently enrolled either in a Master's or a Ph.D. programme at other institutions may also apply for a transfer to its equivalent graduate programme in UMK, subjected to the approval of the Senate of UMK. All students must be proficient in English.



Postgraduate Study Faculty of Bioengineering and Technology

Universiti Malaysia Kelantan
Relevant | Respected | Referred

Background

Faculty of Bioengineering and Technology was officially approved by the Ministry of Higher Education (KPT) on 2nd September 2016. The establishment of this faculty is in line with the plans outlined in the UMK Directions and Strategic Plan book, projected from 2010 to 2020.

The establishment of this faculty is also in line with the challenges of the Malaysian Education Development Plan 2015 to 2025 (Higher Education) or PPPM (PT). The challenge is to deliver 21st century academic programmes that emphasise on the balance between moral and knowledge, and entrepreneurial attributes, while supporting and upholding the National Higher Education Strategic Plan (PSPTN) and the 10th Malaysia Plan, to produce high quality technical and vocational (TVET) graduates and to enhance the skills and marketability of graduates in Malaysia and globally.



Scholarship and Assistanship@UMK

Financial aids are subjected to availability and eligibility. Eligible students may apply either Basiswa Naib Canselor or Basiswa Pendidikan Universiti. Graduate Research Assistanship is also available depending on the research grant belongs to the supervisor.

Fee Structure

	MSc	PhD
Full Time: Local	RM 5,670	RM 10,870
Full Time: International	RM 10,670	RM 17,670
Part Time: Local	RM 8,470	RM 10,870

Total fees based on minimum semester for MSc. and PhD Programme

Duration of Study

MSc	PhD
1-3 Years*	2-5 Years*

*Full Time Study

Programme Structure: Research Mode

FBKT offers Master and PhD programmes by research mode as the sole requirement to attain the degree. While there is no specific number of credits required for graduation, a student might need to enrol in some related courses to enhance his/her knowledge during his/her candidature. A postgraduate student is also required to participate in academic discussion and seminar presentation. At the end of the programme, the student is required to submit a thesis for evaluation. This is to portray the significant contribution to the knowledge acquired and to demonstrate the mastery in the chosen field of research.



The research areas are as below:

- Materials Technology
- Forest Resources Technology
- Bioindustrial Technology
- Applied Physics
- Chemical Technology and Process
- Microbial Technology
- Applied Chemistry
- Metallurgy
- Polymer
- Ceramics
- Composite
- Electronic Materials
- Mineralogy
- Advanced Materials