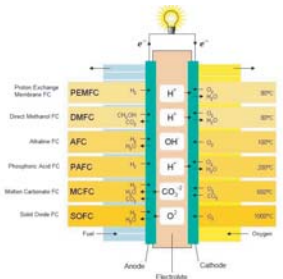


English Language Proficiency Requirements

- Overseas candidates must meet the English language requirement as follows:
 - Obtain a minimum TOEFL score of 500 in paper based test or a minimum TOEFL score of 95 in internet based test; OR
 - Obtain a minimum IELTS score of 5.0; OR
 - Sit for an English Proficiency Placement Test (EPPT) and if he fails to achieve the level specified by the programme, the candidate is required to attend and pass the English Proficiency Module (EPM) in a maximum period of two (2) semesters for master programme and three (3) semesters for doctoral programme from the date of registration.
- For an international candidate who will be writing his thesis/dissertation in the Malay language, he may be exempted from the requirements stated above, but the candidate shall sit for the English Proficiency Placement Test (EPPT) and if he fails to obtain the level specified by the programme, the candidate is required to attend and pass the English Proficiency Module (EPM).



A fuel cell is an electro chemical device that combines hydrogen and oxygen to produce electricity, with water and heat as its by-product. As long as fuel is supplied, the fuel cell will continue to generate power. Fuel cell is an important technology

to revolutionize the way we power our nation, offering cleaner, more-efficient alternatives to the combustion of gasoline and other fossil fuels. Fuel cells have the potential to replace the internal-combustion engine in vehicles and provide power in stationary and portable power applications because they are energy-efficient, clean, and fuel-flexible.

GRADUATE STUDIES PROGRAMME FUEL CELL INSTITUTE

Entrance Requirements



Institut Sel Fuel

Fuel Cell Institute
Universiti Kebangsaan Malaysia
UKM Bangi, 43600 Selangor
Tel. : +603-8911 3081/8532
Fax.: +603-8911 8530
Email: selfuel@ukm.edu.my

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www.ukm.my/selfuel

FIND YOUR FUTURE HERE

Fuel Cell Institute (SELFUEL), UKM is an inter-disciplinary research institute focusing on the development of fuel cell technology and hydrogen energy in addition to energy management and policy

THE INSTITUTE

Fuel Cell Institute (SELFUEL) was established in July 2006 at the National University of Malaysia (UKM) by the Ministry of Higher Education Malaysia as the first research institute in Malaysia conducting research in the field of fuel cells. The research in the SELFUEL is conducted by the following research area:

1. Fuel Cell Process System Engineering
2. Fuel Cell Electrochemical Process
3. Fuel Cell Plate Materials and Manufacture
4. Direct Micro Direct Fuel Cell
5. Solid Oxide Fuel Cell
6. Fuel Processing
7. Solar Hydrogen
8. Biohydrogen
9. Biofuel Cell
10. Energy Storage
11. Energy Management and Policy

Fuel Cell Institute (SELFUEL) offers research mode graduate programmes on full-time and part-time basis for the following programmes:

1. **Master of Engineering**
Fuel Cell Engineering
Hydrogen Energy
Energy Management and Policy
2. **Doctor of Philosophy**
Fuel Cell Engineering
Hydrogen Energy
Energy Management and Policy

Entrance Requirements

Programme	Minimum Requirements	
	UKM Graduate	Non-UKM Graduate
Master Degree	Bachelor degree with a CGPA ≥ 2.75 ; OR	Bachelor degree with a CGPA ≥ 3.00 ; OR
	Bachelor degree with a minimum CGPA of 2.50 (working experience is required)	Bachelor degree with a minimum CGPA of 2.70 (working experience is required)
	For candidates who do not meet the minimum requirements	
	The candidate will be appointed as a Research Assistant (RA) for a minimum period of 6 months and the appointed RA must show a good performance and verified by the supervisor before being offered as a graduate student at the Fuel Cell Institute.	
Doctor of Philosophy (PhD)	Bachelor Degree with CGPA ≥ 3.67 ; OR Master degree in a related field.	

APPLICATION

Application for admission at the Fuel Cell Institute (SELFUEL) can be done by filling in the online form through the Graduate Admission Application System (<http://guest.ukm.my/>). All documents must be uploaded through the system. Please read the updated application guide carefully.