

About Us



Universiti Kuala Lumpur (UniKL) is a leading university in engineering technology established on 20 August 2002. UniKL moulds its graduates with strong technological knowledge and astute entrepreneurial skills to fulfill the requirements of the industry. UniKL's strategically located 14 branch institutes offer various foundation, diploma, undergraduate and postgraduate programs. With the concept of 'One Institute, One Specialisation', UniKL contributes not only to tertiary education but also researches and development for commercialisation purposes. At present, UniKL boasts a total of 26,388 students producing 31,661 graduates since its inception. Graduates of UniKL have successfully established their careers or become successful entrepreneurs in the local and international arena.

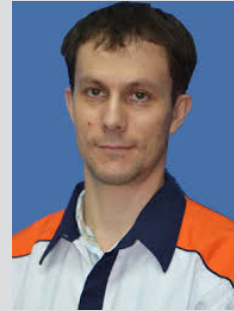


The **University of Applied Sciences Rosenheim** was founded in 1971 and is located in southeastern Germany. The close link between university, industry and research is central for the University of Applied Sciences Rosenheim. Around 5,600 students are currently enrolled in one of the 25 Bachelor or Master programs with focus on technology, business, design and healthcare.

Studying at UAS Rosenheim means studying in beautiful surroundings in one of the most attractive regions in Germany – in particular in terms of quality of life, recreational activities and economic strength. The university has deep roots

in the region as well as a network spanning the entire globe. Its welcoming atmosphere, personal advising services, close contact between students and lecturers and the modern campus infrastructure create ideal conditions for academic success. With the highest standards of educational quality, Rosenheim trains qualified graduates in the disciplines of business, engineering, design and healthcare studies.

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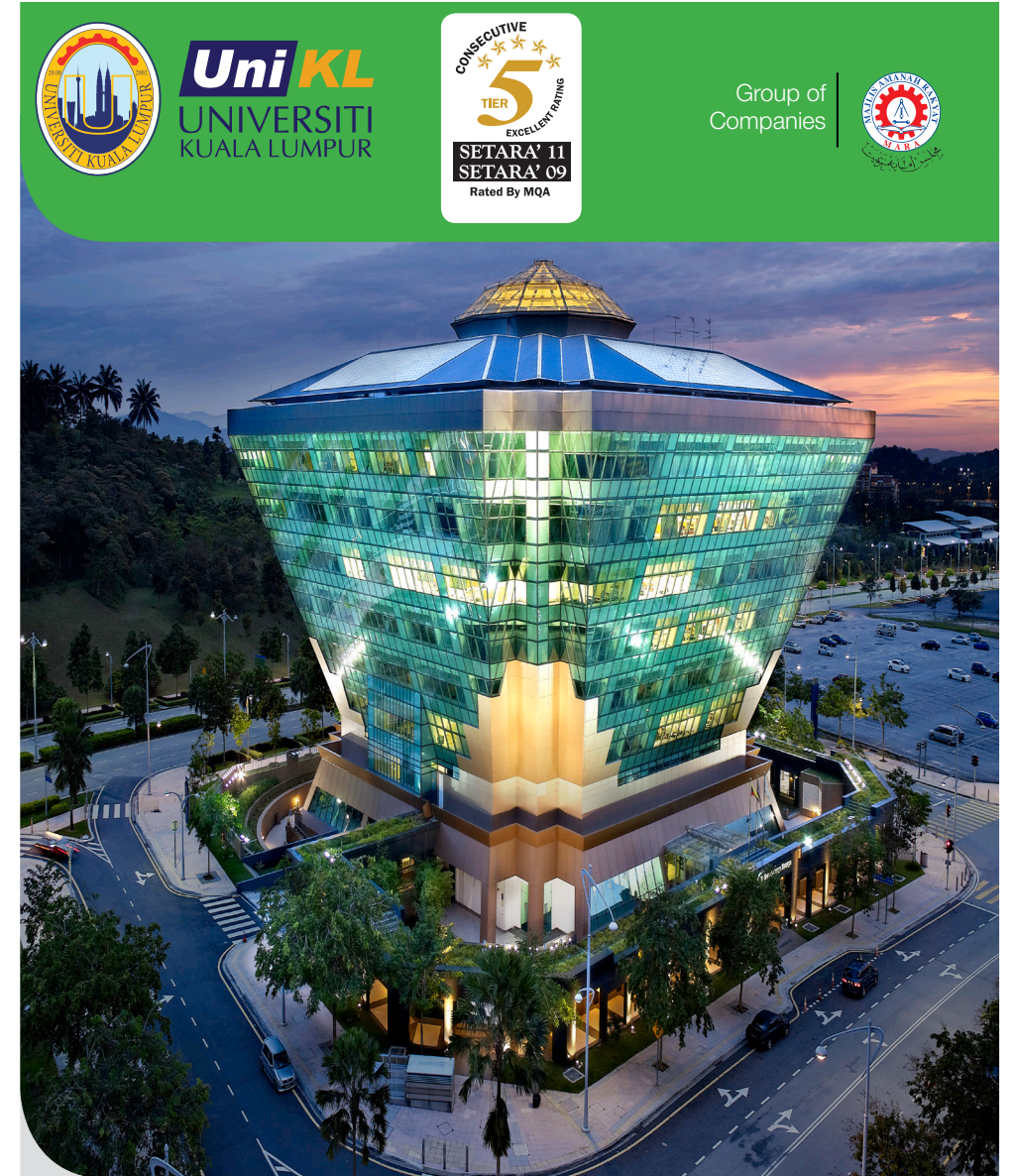
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Master of Engineering Technology (Green and Energy Efficient Buildings)

*PA11574

In cooperation with:



Hochschule Rosenheim
University of Applied Sciences



<http://www.micet.unikl.edu.my/mgeeb>

Program overview

Universiti Kuala Lumpur, best known as UniKL, has teamed up with an international renowned German university for sustainable buildings, University of Applied Sciences Rosenheim to provide the joined Master program in Green and Energy Efficient Buildings (MGEEB).

The program aim is to support Malaysia’s aspiration of becoming a developed nation by providing a comprehensive, internationally recognized engineering technology Master program that fosters professionals with leadership skills who are knowledgeable and competent in green and energy efficient building design as well as technopreneurial activities.

Program objective

Within five years upon completion of the program, our graduates will be:

- Engineers or engineering technologist who analyze, synthesize and apply science, mathematics- and engineering knowledge and laboratory experience to provide technically, environmentally and economically viable solutions to government agencies and the private sector in the field of green and energy efficient building design, material, construction and operations at national and international level.
- Engineers or engineering technologist who manage and communicate effectively in leading and engaging multidisciplinary teams in solving engineering problems at national and international level.
- Engineers or engineering technologists who integrate ethical, social and professional responsibilities in the field of green and energy efficient buildings.

Career opportunities after graduation

Working at government or private industry as:

- Green building specialist
- Consultant
- Engineer
- Green architect

Currently 40,000 – 50,000 construction firms are registered in Malaysia with excellent job opportunities for green building experts.

MGEEB success factors

First and only international green building Master program in Malaysia. Increasing key role of green building technology in Malaysia and worldwide. Implementation of an innovative environmental-friendly based program according to the latest German technology in line with the Malaysian requirements. The specialist for green building, energy and management as link between engineers and architects in the international construction industry.

Program structure*

The MGEEB is a four-semester program by coursework. First three semesters are conducted at UniKL in Kuala Lumpur. Semester 4 comprises of module on research method and application in green buildings followed by the master thesis, which could be done in Germany or Malaysia.



1 Semester

- Heat & Moisture (4 CP)
- Construction Management (2 CP)
- Accounting & Financial Management (3 CP)
- Material Science & Technology (3 CP)
- Business Communication Soft Skills (2 CP)
- Thermal Comfort (3 CP)
- Project Management (2 CP)

2 Semester

- Lighting Engineering (3 CP)
- Renewable Energy in Buildings (2 CP)
- Facade & Roof Construction (4 CP)
- Marketing & Business Administration (2 CP)
- Building Automation (3 CP)
- Air Conditioning Technology & Optimisation (3 CP)

3 Semester

- Operation & Monitoring of Buildings (3 CP)
- Building Simulation (3 CP)
- Building Life Cycle Analysis (3 CP)
- Energy Efficient Building Design (5 CP)
- Green Building Index Facilitator Course (3 CP)
- Master Thesis I (2 CP)

4 Semester

- Master Thesis II (10 CP)
- Research Methods & Applications in Green Buildings (4 CP)

Total 69 CP



*UniKL and UAS RO reserve the right to modify, alter or change the program structure at their sole discretion

Tuition fees

No	Fee Structure	Malaysian Candidate (RM)	International Candidate (RM)
1	Tuition Fee Fee per semester (incl. Thesis examination fee) Cost of program per credit hour (for retake subject)	9,400.00 RM 550/credit hour	12,200.00 RM 717/credit hour
2	Others (recurrent) Insurance p.a. (current prevailing rate) Library per semester	50.00 100.00	50.00 100.00
3	Others (non recurrent) Registration Deposit Thesis re-examination Student ID Card Official Jacket	250.00 250.00 250.00 40.00 60.00	250.00 250.00 250.00 40.00 60.00

Scholarship opportunities

There are a number of scholarships and financial support opportunities available for eligible candidates:

- DAAD scholarship
- Malaysian international scholarship (MIS)
- The Malaysian technical cooperation program
- Commonwealth scholarship and fellowship plan
- Islamic Development Bank (IDB)
- Pinjaman Pelajaran MARA
- MyBrain 15
- PTPTN

Entry requirements

- Bachelor degree in Engineering / Engineering Technology / Science with a CGPA of at least 2.75 from local or any institution of higher learning as approved by Senate UniKL
- or
- Bachelor degree in Engineering / Engineering Technology / Science with two years work experience in a field relevant to this master-program
 - Fluent English skills (TOEFL 500, IELTS 5; or graduates from degree course conducted entirely in English)

Intake: January (full-time)
Mode: 2 years / 4 semesters

More information

<http://www.micet.unikl.edu.my/mgeeb>



How to apply

Application form is available through the following link:
<http://www.unikl.edu.my/web/unikl/admission>