



UNIVERSITI  
MALAYSIA  
KELANTAN

## WHY CHOOSE FSB?

1. Postgraduate learning and teaching methods are focused on the supervision of graduate student research such as cooperative learning and problem-based learning, student-centered and authentic learning.
2. Graduate studies are more focused on methodology and PdP through discussions and teaching activities in the laboratory and in the field to optimize the use of the latest technology to increase mastery of knowledge and expertise in the field followed as well as develop the potential of graduate students to become high-quality and capable researchers and leaders science.
3. The university and faculty are also committed and proactive in providing infrastructure and a supportive environment that helps improve the effectiveness of the postgraduate PdP process including the provision of the EduHub platform for student monitoring activities as well as organizing symposiums to create a research environment among students.



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KEUSAHAWANAN TERAS KAMI • ENTREPRENEURSHIP IS OUR THRUST



**MASTERS OF SCIENCE**  
**DOCTOR OF PHILOSOPHY**  
**FACULTY OF EARTH SCIENCE**

## BACKGROUND

Master of Science and Doctor of Philosophy programs include thrust areas such as Sustainability Science, Natural Resource Management, Geoscience and Environmental Analytics. All of these programs aim to form students who have a core of natural resource management based on industry and technology while also emphasizing entrepreneurial traits to prepare for a visionary career.

## COURSES OFFERED

Research Methodology Course

## CAREER PROSPECTS

### Natural Resource Management:

- Science officer
- Research officer
- Lecturer
- Wildlife / Wildlife Officer
- Eco-Tourism Executive
- Laboratory Executive
- Natural Resource Management Consultant
- Environmental Activist
- Quality Control Executive/ Quality Assurance
- Research Executive
- Natural Resource Journalism
- Auditor/Auditor

### Sustainability Science:

- Environmental Control Officer
- Science officer
- Research officer
- Lecturer/ Educator
- Environmental Health Officer
- Administrative and diplomatic officer
- Sustainability Executive
- Environmental Management Consultant
- Entrepreneur
- Environmental Activist
- Quality Control Officer/ Quality Assurance
- Environmental Journalism
- Environmental auditor
- Industrial Hygiene Executive

### Geoscience:

- Lecturer / Educator
- Research officer
- Survey Officer
- Science officer
- Mining Officer
- Consultant
- Geological Officer
- Entrepreneurs in the Earth research industry sector
- Geologist

### Environmental Analytics:

- Science officer
- Administrative and diplomatic officer
- Environmental Control Officer
- Research officer
- Lecturer/ Educator
- Environmental Professional
- Environmental Consulting
- Environmental Technology Entrepreneur
- Environmental activists
- Environmental conservation executive

## DURATION OF STUDY

### Masters of Science:

1 - 3 years (full-time) & 2 - 4 years (part-time)

### Doctor of Philosophy:

2 - 5 years (full-time) & 4 - 6 years (part-time)

## ADMISSION REQUIREMENT

### MASTERS OF SCIENCE

- A Bachelor's Degree in the field or related fields with a minimum Cumulative Grade Point Average (CGPA) of 2.75 or equivalent as approved by the Senate; or
- A Bachelor's Degree in the field or related fields or equivalent with a minimum CGPA of 2.50 and less than 2.75 and is subject to rigorous internal assessment; or
- A Bachelor's Degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and less than 2.50 and must have a minimum of five (5) years working experience in relevant field and is subject to rigorous internal assessment; or
- Any qualification not in related fields or relevant working experience, but is required to complete prerequisite courses approved by the Senate and must fulfill a minimum CGPA as in Regulation 3.1.1(a)(i), (ii), or (iii); or
- Any other qualifications allowed by the Authorised Body from time to time

### DOCTOR OF PHILOSOPHY

- A Master's Degree in the field or related fields approved by the Senate; or
- Other qualifications equivalent to a Master's Degree recognised by the Government of Malaysia; or
- Any qualification not in related field or relevant working experience and must undergo prerequisite courses approved by the Senate; or
- A Bachelor's Degree with first-class (CGPA of 3.67 or higher) or its equivalent in the field or related fields and is subject to internal assessment and any other requirements approved by the Senate; or
- Any other qualifications allowed by the Authorised Body from time to time.

