

ENROLLMENT REQUIREMENTS

Academic Requirements

- Bachelor's Degree, CGPA \geq 2.5; OR Bachelor's Degree, CGPA $<$ 2.5 and with 5 years related working experience.

English Language Requirements (Foreign enrollments)

Not required for:

- Citizens of countries with English language as **official language** (Native Speakers)
- Graduated from academic institutions using **English as medium** of instruction

Does not meet English language requirements:

- Attend university level English Preparation Course for **maximum 2 years**
- Candidates that attended third party English Preparation Course, should sit for either:
 - Malaysia university English Test (MUET); or
 - Exams recognized by The Common European Framework of Reference (CEFR)

Recognized language standards

ELTS \geq Band 5.0 **CEFR** \geq Mid B2
TOEFL \geq 60 (iBT) **MUET** \geq Band 3

PROGRAMME COURSES

48 credit hours offered in total and 42 credit hours to fulfill for graduate requirement

CORE

- Research Methodology
- Climate Science and Prediction
- Remote Sensing and Global Climate Change
- Climate Change Economics and Policy
- Emission Measurement and Monitoring
- Research Project (1 & 2)
- Climate Change Excursion
- GIS Analysis in Climate Change

ELECTIVE

- Land Use and Climate Change
- Satellite-Based Applications for Climate Change
- Introduction to Space Physics
- Ionosphere and Communication in Climate Change

How to register:

Perspective candidates can apply via online at

<https://join.ukm.my/>

For more information please contact us:

Administration (HQ)

Level 2, Research Complex Building,
Institute of Climate Change (IPI), UKM,
43600 UKM Bangi, Selangor Darul Ehsan, Malaysia.

- ✉ siswazah_ipi@ukm.edu.my
- 🌐 www.ukm.my/ipi/mastercoursework/
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ACADEMIC BROCHURE



Master in Climate Change (Coursework)

Space Science Centre (ANGKASA)
 Earth Observation Centre (EOC)
 Centre for Tropical Climate Change System (IKLIM)
 Environmental Management Centre (EMC)



More Information



INTRODUCTION

The Institute of Climate Change, UKM acknowledge the increasing need of knowledge and awareness of climate change threats onto our livelihood.

Thus, we are pleased to introduce the first Master in Climate Change (Coursework) Program in Malaysia to foster interdisciplinary expertise in the field of climate change.



COURSE DELIVERY METHOD

Medium language: English

Blended learning: Lectures, hands-on tutorials, computer labs, site visit

Learning management system: UKMFolio, Microsoft Teams



COURSE MODE

FULL TIME



REQUIREMENTS FOR DEGREE CONFERMENT

- Achieve at least a final CGPA of 3.00
- Complete the total of 42 credits hours
- Submit research project dissertation
- Fulfil the Malay Language proficiency requirement for international students as prescribed by the University
- Other University requirements (see webpage)



HIGHLIGHTS

1
2
3
4

• **Interdisciplinary Excellence:**
Our program spans a broad array of disciplines including sciences, technology, field study, economics, policy and more.

• **Expert Faculty:**
Learn from distinguished scholars and practitioners who are leaders in their fields.

• **Hands-On Learning:**
Gain real-world practical skills through experiential learning opportunities, and collaborative projects.

• **Global Perspective:**
Broaden your worldview and understand the interconnectedness of today's world.

PROGRAM COURSES

Programmes

National Education Code (NEC-2020)

Specializations

0521

Environmental Science

Master in Climate Change (Coursework)

DURATION : 2 - 4 SEMESTER

COURSES OFFERED

8 (core) + 4 (elective)

MQF

Level 7

STUDY MODE

Full time
(with online options)

Government agencies, private entities and consultation firms are **welcome to check us out !!**

