



INTRODUCTION

This program is designed to nurture experts and professionals capable of addressing complex challenges in renewable energy. Graduates will be equipped with the knowledge and skills necessary to lead and innovate in the field, manage technical projects, and contribute responsibly to society and the environment. The curriculum includes core and elective courses, providing a well-rounded education in the rapidly evolving renewable energy sector.



Experience the best of both worlds with our blended learning program—engaging online and in-person sessions tailored for weekday evenings and weekends, perfectly designed to fit your busy schedule!

FOR FURTHER INFORMATION, PLEASE CONTACT:

PROGRAMME COORDINATOR

Dr. Omar Faruqi Bin Marzuki
Department of Science and Technology,
Universiti Putra Malaysia Campus Bintulu,
97008 Bintulu, Sarawak, MALAYSIA
Tel: +6086855847



omar_faruqi@upm.edu.my

Deputy Dean
(Research, Funding and Postgraduate)
Faculty of Humanities, Management and Science
Universiti Putra Malaysia Campus Bintulu,
97008 Bintulu, Sarawak, MALAYSIA
Tel: +6086855348



tdpps.fkps_btu@upm.edu.my



MASTER IN RENEWABLE ENERGY

MQA/PSA 18200



COMPULSORY COURSES:

- ETC5900: Research Methodology
- ETC5601: Renewable Energy
- ETC5201: Green Engineering
- ETC5101: Drone Technology
- ETC5202: Waste Management
- ETC5701: Safety in The Renewable Energy Industry
- ETC5603: Green Technology and Energy Policy
- ETC5990: Dissertation

ELECTIVE COURSES:

- ETC5602: Energy Storage and Instrumentation
- ETC5604: Solar Energy Application
- ETC5605: Wind Energy
- ETC5501: Green Buildings
- ETC5606: Hydro Energy
- ETC5607: Smart Renewable Energy Management
- ETC5102: Biofuel

MASTER IN RENEWABLE ENERGY

ADMISSIONS REQUIREMENT

1. Applicants must hold a Bachelor's degree in a related field of engineering or pure science or technology or its equivalent with a minimum CGPA of 2.750; or
2. For candidates with a CGPA of at least 2.500 but less than 2.750, admission may be considered based on a minimum of one (1) year of relevant work experience; or
3. Candidates with a CGPA below 2.500 must have a minimum of five (5) years of relevant work experience to be eligible for admission.
4. Candidates in the final semester of their postgraduate studies who have achieved a good CGPA may be considered for this program.
5. Local candidates must attain a credit in English at the SPM level or have completed English language courses at the diploma or undergraduate level.
6. International applicants must obtain a minimum score of:
 - Band 6 for IELTS (Academic Version).
 - 79 – 80 for TOEFL (Internet-based)
 - Band 4 (Score 180 – 219) for MUET (Malaysian University English Test)
 - 50 for PTE Academic
 - 109 (Placement Test 110) for CIEP Academic
 - 169 – 175 for Cambridge Linguaskill

FEES

Fees *subject to change	Malaysian Student	International Student
Basic Fees (1st Semester)	RM1,425	RM2,475
Basic Fees (2nd Semester and the next)	RM1,175	RM2,225
Credit Fees	RM370/ credits	RM450/ credits
Total Fees for 3 Semesters	RM 19,315	RM 25,825

Students enrolling under this programme must fulfill 42 credits of coursework to graduate:

- Compulsory course 21 credits
- Elective course 15 credits
- Dissertation 6 credits

