



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI



LET'S ENROLL IN

BACHELOR OF AGRICULTURAL AND BIOSYSTEMS ENGINEERING WITH HONOURS

DEPARTMENT OF BIOLOGICAL AND AGRICULTURAL ENGINEERING FACULTY OF ENGINEERING UNIVERSITI PUTRA MALAYSIA

Pioneer in agricultural engineering education in Malaysia

Recognized by the Board of Engineers Malaysia (BEM), the Malaysian Engineering Accreditation Council (EAC) and Public Service Department (JPA)

PROGRAMME EDUCATIONAL OBJECTIVES:

1. To prepare graduates with sufficient knowledge in the related field of engineering
2. To produce graduates who are creative and innovative, as well as sensitive and responsible towards the society, cultures and environment
3. To produce graduates who are capable to solve in advanced design and development problems

CURRICULUM:

4 YEAR PROGRAMME **136** CREDIT HOURS REQUIRED FOR GRADUATION **5** CREDIT HOURS FOR INDUSTRIAL TRAINING AT SELECTED INDUSTRY **6** CREDIT HOURS FOR BACHELOR PROJECT

YEAR 1
ENTRY: General university courses and basic engineering core courses

YEAR 2
BRANCHING: Engineering core courses

YEAR 3
SPECIALIZING: Agricultural and Biosystems Engineering core courses and 10 weeks Industrial Training

YEAR 4
STREAMING: Elective Courses and Bachelor Project

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AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE

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MECHANISATION AND AUTOMATION -
TO SOLVE PROBLEMS ASSOCIATED
WITH THE DESIGN OF AGRICULTURAL
EQUIPMENT AND OFF-ROAD
VEHICLES; ROBOTS AND AUTOMATION

POSTHARVEST AND ENVIRONMENT -
CONTROL SYSTEMS OF CROP AND
LIVESTOCK FACILITIES, AND
AGRICULTURAL WASTE TREATMENTS

**4
OPTIONS**

SOIL AND WATER RESOURCES -
QUALITY AND MANAGEMENT OF
SURFACE AND GROUNDWATER FOR
CROP AND LIVESTOCK FACILITIES

AGRICULTURAL INFORMATICS -
CROP AND LIVESTOCK FACILITIES; AND
PLANTATION AND NATURAL
RESOURCES MANAGEMENT THROUGH
USING INFORMATION TECHNOLOGY.

ADMISSION REQUIREMENTS

FULFILLS THE UNIVERSITY GENERAL REQUIREMENTS AND SPECIFIC PROGRAMME REQUIREMENTS:

A minimum CGPA of 2.80

A minimum of Band 3 in the Malaysian University English Test (MUET) OR Credit in English Language subject at SPM level

STPM HOLDER

A minimum of Grade B
(GP 3.00) in

- Mathematics T /
Further Mathematics T AND
- Physics/Biology

KPM MATRICULATION / UM SCIENCE FOUNDATION / UITM FOUNDATION / UPM AGRICULTURAL SCIENCE FOUNDATION HOLDER

A minimum of Grade B
(GP 3.00) in

- Mathematics / Engineering
Mathematics;
and
- Physics/Biology

DIPLOMA HOLDER / EQUIVALENT

A Diploma with a minimum CGPA
of 2.80 in the appropriate field or
other qualification approved by
the UPM Senate.



Contact Us:

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