

Bachelor of Science (Hons.) Industrial Physics (AS251)

Year Established	2007
Location	Shah Alam
Intake	March and September
Unit Credits	130
Duration	3 and a half years (7 Semester)
No. of Academic Staff	45 (Shah Alam)
No. of Non-Academic Staff	7 (Shah Alam)
Labs/Workshops	7

Program Descriptions

This 3.5-year BSc (Hons.) Industrial Physics program emphasizes the acquisition of basic knowledge and skills of physics and technology that focus on semiconductor and electronic devices. Throughout the course of study, students will be trained to acquire skills related to the semiconductor processes, semiconductor fabrication, circuit design, instrumentation, testing and measurement techniques, computing as well as data and communications engineering. The program also introduces students to renewable energy through advanced photovoltaic systems courses and IR 4.0 through the Wireless-Sensor-Machine-Cloud Lab course.

Job Opportunities

University Lecturer, Quality Control and Production Engineer, Test/Failure Analysis Engineer, Instrumentation Technologist, Design Engineer, Process Engineer, Science Officer, R&D Engineer, Industrial Consultant, Postgraduate.

Opportunities for Further Studies

Master In Science (Physics)/ (Material) : Semiconductor Material & Device, Solar Energy and Systems, Optoelectronics, Material in Physics, Photovoltaics, Electronics

Entry Requirements

General:

SPM: Credit in B.Melayu, Maths, Add Maths, Physics and pass in English.

Matriculation KPM/Asasi Sains UiTM/Asasi Sains UM, Pass with at least 2.0

Diploma: Graduates from Public Universities

MUET: Band 2

Special:

Matriculation KPM/Asasi Sains UiTM/Foundation

CGPA 2.30, Gred C+ (2.33) in Physics/Engineering Physics, Gred C (2.00) from Mathematics/Engineering Mathematics/Chemistry/Engineering Chemistry and MUET Band 2

UiTM Diploma Graduates

CGPA 2.00 with Dip. In Science. Engineering, Polymer/Food/Textile Technology/Industrial Chemistry/Computer Science/Medical Imaging/Pharmacy and others.

CGPA 2.50 with Diploma in other science fields with 2 years working experiences in Engineering/Science & Technology (Physical) and MUET Band 2.

STPM Leavers

CGPA 2.30 with Grade C+ (NGMP) in Physics and Grade C (NGMP) in one of these subjects; Mathematics T/ Further Mathematics T/Chemistry AND pass SPM with Mathematics July paper and Physics, pass English and MUET Band 2.

Please contact:

Program Coordinator AS 251
Phone number: 03 5544 4579
Social Media accounts: