

Bachelor of Science (Hons.) Materials Science & Technology (AS240)

Year Established	2006
Location	Shah Alam
Intake	September
Unit Credits	133
Duration	3.5 years (7 semester)
No. of Academic Staff	8 (Shah Alam)
No. of Non-Academic Staff	2 (Shah Alam)
Labs/Workshops	2

Program Descriptions

Materials Science has great impact in our everyday lives and can be seen as the pillars of K-economic growth and advancement in S & T for the nation. This is a multidisciplinary programme which covers the fundamentals of sciences, structures and properties of various materials namely metals, alloys, polymers, ceramics and composites and technological courses such as spectroscopic characterisation of materials, physical testing of materials, non-destructive testing of materials, processing and fabrication of materials. Before graduation, students will be exposed to an industrial working environment through attachment to an industry for a short period. The final year project will allow students not only to gain knowledge and skills in a special area of research such as nanotechnology, advanced materials, materials synthesis, materials testing and materials fabrication but also the knowledge of writing reports and skills of communication.

Job Opportunities

Graduates of this 3 & half-year course will find employment in various industries such as electronic, polymer, metals, ceramics and chemical industries, government and semi-government organisations as Quality Research and Development Manager, Control or Assurance Executive, Marketing Executive, Production Manager, Processing Manager, Materials Design Characterisation Testing and Fabrication Executive, Technical Sales Executive, and Technical Servicing Executive. They can work as science officers in R & D sections of industries or research institutions. They may alternatively start their own career as techno-preneurs.

Opportunities for Further Studies

- **UKM**
- **UM**
- **USM**
- **Imperial College London**
- **Manchester University**

Entry Requirements

Credits in BM at SPM level
MUET Band 2

Pass Science Matriculation or Science Foundation Science or Eng. Foundation Science UiTM with a min CGPA 2.30 and min grade,C in Math, or Eng.Math., & grade C from any 2 subjects:

Physics/ Engineering Physics
Chemistry/Engineering Chemistry
Biology

OR

Pass Diploma in Science, Industrial Chemistry, Polymer Technology, Textile Technology, Wood Technology, Eng.(Chemical, Electrical, Civil, Mechanical) from UiTM with min.CGPA is 2.00.

STPM LEAVERS:

Pass STPM or equivalent that is recognised by the Malaysian Government with a minimum CGPA of 2.30 and min B- grades (GP 2.67) in Mathematics T/Further Mathematics T and C grade (GP 2.00) in one (1) of the following subjects excluding General Paper: Physics/Chemistry /Biology.

Please contact:

Program Coordinator
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Social Media accounts:

1. FB Matech Officials
2. Youtube Matech Production
3. Instagram Officials Matech
4. FB page Degree in Materials Technology, UiTM Shah Alam.