



BACHELOR OF SCIENCE IN PHYSICS WITH HONOURS

SARJANA MUDA SAINS FIZIK
(KEPUJIAN)



Duration
3.5 year



Campus

- Shah Alam, Selangor
- Arau, Perlis
- Jengka, Pahang

JOIN US!

The Bachelor of Science in Physics (Honours) program offers a diverse range of courses that emphasize mastering fundamental physics concepts in both Theoretical and Applied Physics. Covering basic sub-disciplines in physics, the curriculum expands with advanced options like astrophysics, nanotechnology, non-destructive testing, sustainable energy, and photovoltaic to boost graduate employability. Throughout the curriculum, students engage in extensive laboratory activity in experimental and instrumental techniques. In addition, the program offers an immersive semester for undergraduate research courses and industrial training opportunities, preparing students for a dynamic and impactful career in the field of physics.

CAREER PROSPECT



- Oil & Gas Industry
- Advanced Material Industry
- Nanotechnologist
- Meteorologist
- Astronomer
- Orbital Engineer
- Acoustic Consultant
- Higher Education Lecturer / School Teacher
- Science / Research Officer
- Technopreneurship
- Design/Process/Operational Engineer
- Telecommunication Researcher
- Radiation Protection Practitioner

COURSES

Fundamental Physics, Analogue & Digital Electronics, Waves & Optics, Modern Physics, Classical Mechanics, Quantum Physics, Statistical Physics, Thermal Physics, Optoelectronics, Nuclear & Particle Physics, Solid State Physics, Mathematical Methods in Physics, Astrophysics, Computational Physics, Nano-science & Nanotechnology, Ultrasonic & Nondestructive Testing (NDT), Radiation Physics, Instrument & Measurement Techniques, Sustainable & Photovoltaic Energy Systems, Computer Programming, Data Mining, Quality Management & Industry Safety, Industrial Training and many more

ACCREDITATION



Coordinator Program

Faculty of Applied Sciences, Universiti
Teknologi MARA, 40450 Shah Alam, Selangor.

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<https://fsg.uitm.edu.my>



Faculty of Applied Sciences, UiTM Shah Alam



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Faculty of Applied Sciences (FSG)



Fakulti Sains Gunaan UiTM Shah Alam

ALUMNI



Khairul Ikma Zahari

Assistant Principal Technologist
Orbital Operation Measat



Ahmad Rifaie Ahmad Ridzuan

Meteorologist
Jabatan Meteorologi Malaysia



Suhaidah Amizan

Senior Metrologist Technologist
National Metrology Institute of Malaysia



Surinorhani Arie yana Fuzlan

Technical Executive
Ninja Logistic Sdn Bhd



Noorfahana Mat Yusoff

PV Performance Data Analyst
NovaSource Power Services