

# BACHELOR OF SCIENCE IN BIOLOGY (HONOURS)



## SARJANA MUDA SAINS BIOLOGI (KEPUJIAN)

**Duration**  
3.5 year



### Campus

- Shah Alam, Selangor
- Kuala Pilah, Negeri Sembilan
- Jengka, Pahang
- Arau, Perlis
- Kota Kinabalu, Sabah

## JOIN US!

The Bachelor's Degree (Honours) Biology is a 7-semester (3 1/2-year) program that centres around biological principles, addressing issues and challenges relevant to the daily activities of students. The program aims to impart knowledge to Bumiputeras in the field of biology principles, along with courses related to management and entrepreneurship. In line with the initiative Education5.0@UiTM, its curriculum is structured to integrate aspects of the Fourth Industrial Revolution, Flexible Electives, Massive Online Open Course (MOOC), Harvard Outcomes Domains (HOD), and Sustainable Development Goals (SDG). This comprehensive course of study is designed to equip students with a well-rounded understanding of biology while incorporating elements crucial to contemporary advancements and societal needs. The curriculum also uniquely includes "SULAM" (Community Service Learning), enhancing the learning experience through community engagement. The program additionally features a semester-long internship, providing real-world exposure and practical skills, contributing to a well-rounded education, and enhancing career prospects in the field of biology.

## CAREER PROSPECT

Designed to meet the country's biological requirements, this program ensures graduates develop a robust foundation in Biology as the main subject, complemented by diverse inter-faculty subjects. This comprehensive approach positions them for employment across various sectors, including research institutions, universities, and related industries, as well as roles in research, management, processing, and professional fields. Graduates are well-prepared to contribute to both the public and private sectors, fostering opportunities in a wide array of professions.

## COURSES

- Cell Biology
- Processes in Ecology
- Genetics
- Parasitology
- Microbiology
- Sustainable Biodiversity
- Plant Physiology
- Animal Physiology
- Biochemistry
- Analytical Biochemistry
- Molecular Biology
- Animal Behaviour
- Ecosystem and Conservation
- Special Topics in Biology
- Immunology
- Comparative Biology of Reproduction
- Experimental Biology: Design and Analysis
- Industrial Biotechnology
- Economics
- End User Application
- Principles and Practice of Management
- Principles and Practice of Marketing
- Biorisk Management
- Personal Development and Ethics
- Effective Speaking
- Data Mining
- Introduction to Operation Management
- Industrial Training (6 months)

## ENTRY REQUIREMENT

- Passed KPM Matriculation / UM Science Foundation / UiTM Foundation with a minimum Cumulative Grade Point Average (PNGK) of 2.00.
- Passed Diploma from an institution of higher learning (IPT) recognized by the Malaysian government.
- Achieved Band 2 in the Malaysian University English Test (MUET).

## ALUMNI



**Arsir bin Abdul**

Senior Assistant Director  
Protected Areas Division, Perhilitan

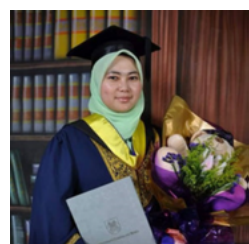


**Zawani Azizan**

Assistant Science Officer  
Jabatan Perkhidmatan Veterinar

*"By having a diversity of knowledge and laboratory skills throughout this course, it was easier for me to adapt to more intense postgraduate and work field."*

**Dr. Nurul Hazwani bt Shamsudin**  
Senior Lecturer  
Management and Science University,  
Shah Alam, Selangor



Coordinator Program

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