

🕒 1 year

➡ February and July

💰 RM48,960 Malaysian student
RM55,680 International student
2024 fees per year

CAREER PATHS

Our graduates work in:

- the drug and pharmaceutical industry
- food manufacturing processes and development
- product commercialisation and business development
- biotechnology product development
- biomanufacturing
- clinical genetics
- clinical science and research management
- environmental consulting and management
- intellectual property management
- research and development.

BACHELOR OF SCIENCE (HONOURS)

KPT/JPT (R2/421/6/0028) 10/25 - MQA/SWA0130

Gain a higher level of experience in independent analysis and research in your chosen field of expertise.

You can choose to pursue this additional one-year degree after the first three years of your undergraduate study.

Look forward to a rich intellectual experience and to developing a range of transferable skills for enhanced career opportunities. This course is also a stepping stone towards higher research qualifications in science, such as the Master of Science or Doctor of Philosophy.

Areas of specialisation

- Biotechnology
- Food science and technology
- Medical bioscience
- Medicinal chemistry
- Psychology (February intake only)
- Tropical environmental biology

Course structure

This course consists of a combination of coursework and research. In the coursework component you will develop advanced theoretical and/or technical knowledge of your discipline within science and research methodologies appropriate to your discipline. In the research component you will plan and execute a research project under the individual guidance of an academic supervisor.

🕒 2 years (full-time)
4 years (part-time)*

➡ Throughout the year
(subject to availability of supervision)

🔗 Research

💰 RM46,080 Malaysian student
RM50,880 International student
2024 fees per year

* Part-time study is not available for international students.

CAREER PATHS

Science graduates find employment in:

- genetic engineering
- agricultural management
- pharmaceutical science
- banking and finance
- environmental consulting
- medical research
- healthcare sectors
- food industries.

MASTER OF SCIENCE (RESEARCH)

KPT/JPT (R3/421/7/0012) 06/28 - MQA/SWA0121

This degree allows you to pursue independent research in a specific area of science over a shorter period of time than a PhD.

If you're unsure whether a PhD is right for you, this course can give you the experience of what studying for a doctorate might be like, while developing your skills and earning a degree that will enhance your employment prospects. If you decide that you're passionate about your research, the option of upgrading to a PhD after your first year is possible.

This research degree may be undertaken in any of the school's principal research areas and strengths. Your work will be expected to make a significant contribution to the knowledge and understanding of your chosen field of study and demonstrate your capacity to carry out independent research.

Areas of study

- Biodiversity and conservation
- Biotechnology
- Chemistry
- Food science and technology
- Genetics, genomics and bioinformatics
- Infectious disease
- Medical bioscience
- Microbiology
- Natural products and drug discovery
- Tropical and environmental biology.

Course structure

This course consists of a research and thesis component.

You must, in consultation with and under the direct supervision of a member/s of the academic staff:

- carry out a program of research on an agreed topic approved in your chosen discipline for a specified period, including attending and/or presenting at seminars and other related activities as indicated by the school
- submit for assessment a thesis of not more than 50,000 words on the program of research which meets the requirements of the examiners. Submission of a thesis including published works may be permitted.

Progression to further studies

You can apply to transfer to a PhD candidature after a defined period (usually 9-12 months enrolment, full-time or equivalent), provided that satisfactory progress has been made and certain conditions are met.