



THE UNIVERSITY
of ADELAIDE



HONOURS IN SCIENCE 'PROFESSIONAL' PATHWAYS

Boost your employability with honours in science. An honours degree will give you the opportunity to concentrate on a project or area that interests you the most.

COURSEWORK

The new 'Professional' pathways include three core courses designed to explicitly enhance the skills students require for success in their future careers. Students will take the following:

SCIENCE 4025 Professional Communication: Students will enhance their skills to understand and evaluate arguments and apply these skills in professional communication contexts in both oral and written formats.

SCIENCE 4030 Emerging Issues in Science and Society: Students will work in teams to examine a series of emerging science related issues that affect Australian society and make recommendations for action relating to these complex problems. The implications for policy and society, and the challenges of science communication and public misconceptions that relate to the issues concerned will also be considered.

SCIENCE 4035 Preparing for Professional Practice: Students will be equipped with the necessary skills and understanding of professional behaviour in the workplace. Self-reflection is emphasised as an important element of self-management for career planning and future success in a professional career.

ELECTIVE COURSES

Elective courses make up six units and students have a choice of the following:

- SCIENCE 4005 Advanced Science (Hons) (3 units)
- SCIENCE 4015 Introduction to Science Education (3 units)
- SCIENCE 4020 Communicating Science (3 units)
- Courses from other honours or postgraduate programs offered by the University

PROFESSIONAL PROJECT

The project aspect of the 'Professional' pathways is different to that of the traditional 'Research' pathways as it more focussed on the application of scientific skills to address contemporary issues

related to science communication, science education, science innovation, science policy or project management.

Some examples of potential 'Professional' pathway projects are below:

- Does study of mathematics at Year 12 influence student success in Science degrees? [Science Education]
- Factors that influence public engagement with environmental issues [Science Communication or Science Policy]
- Work Integrated Learning and its adoption/effect on career-readiness of graduates [Science Education]
- Effect of outreach programs on student interest in science [Science Communication]
- Attitudes of primary school teacher towards Mathematics and Science [Science Education]

FOR FURTHER ENQUIRIES

The University of Adelaide, Faculty of Sciences

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CRICOS 00123M

Bachelor of Science (Honours) 'Professional' Pathways study Plan				
Semester 1	CORE COURSE SCIENCE 4035: Preparing for Professional Practice	CORE COURSE SCIENCE 4030: Emerging Issues in Science and Society		Elective
Semester 2	CORE COURSE SCIENCE 4025: Professional Communication	Professional Project (9 units)		Elective

All courses are worth three units except the Professional Project which equals nine units.