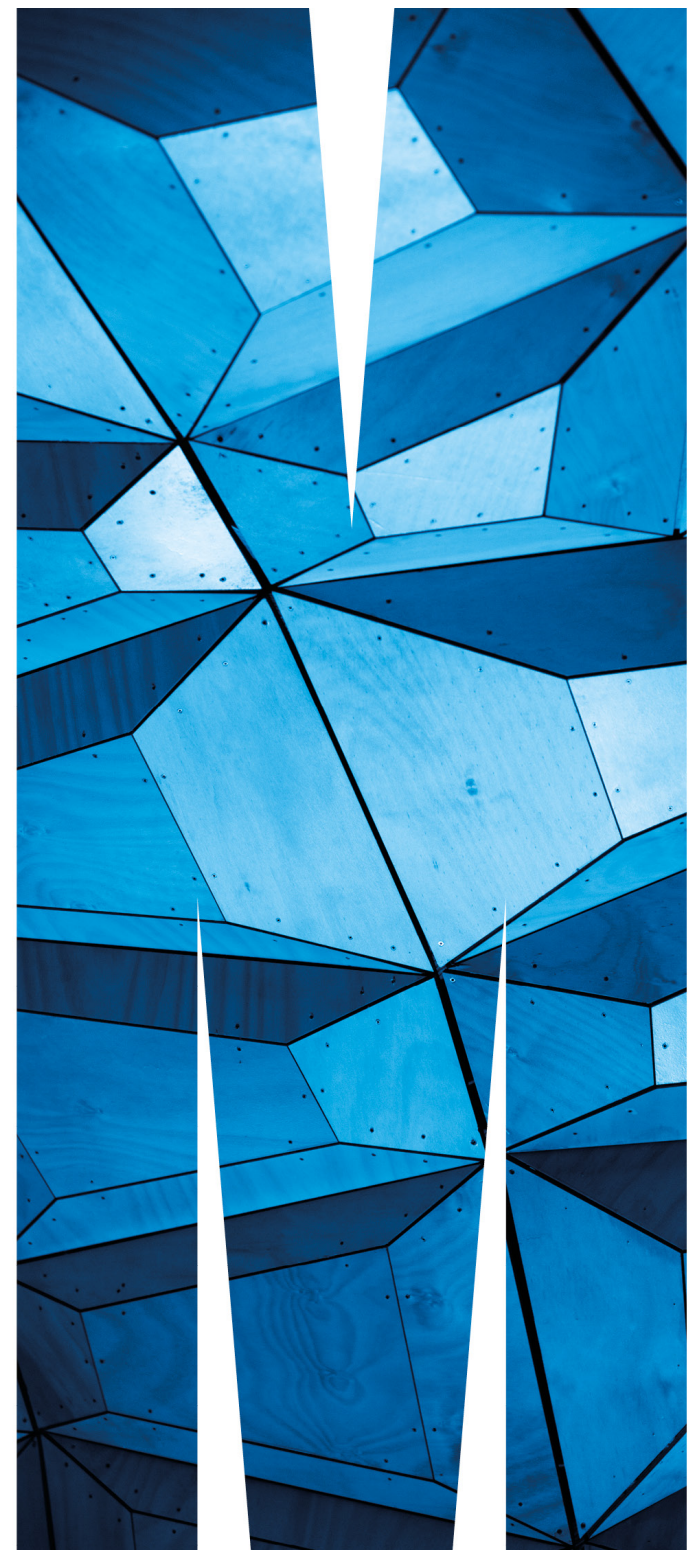


Building a work integrated learning honours stream in a science degree

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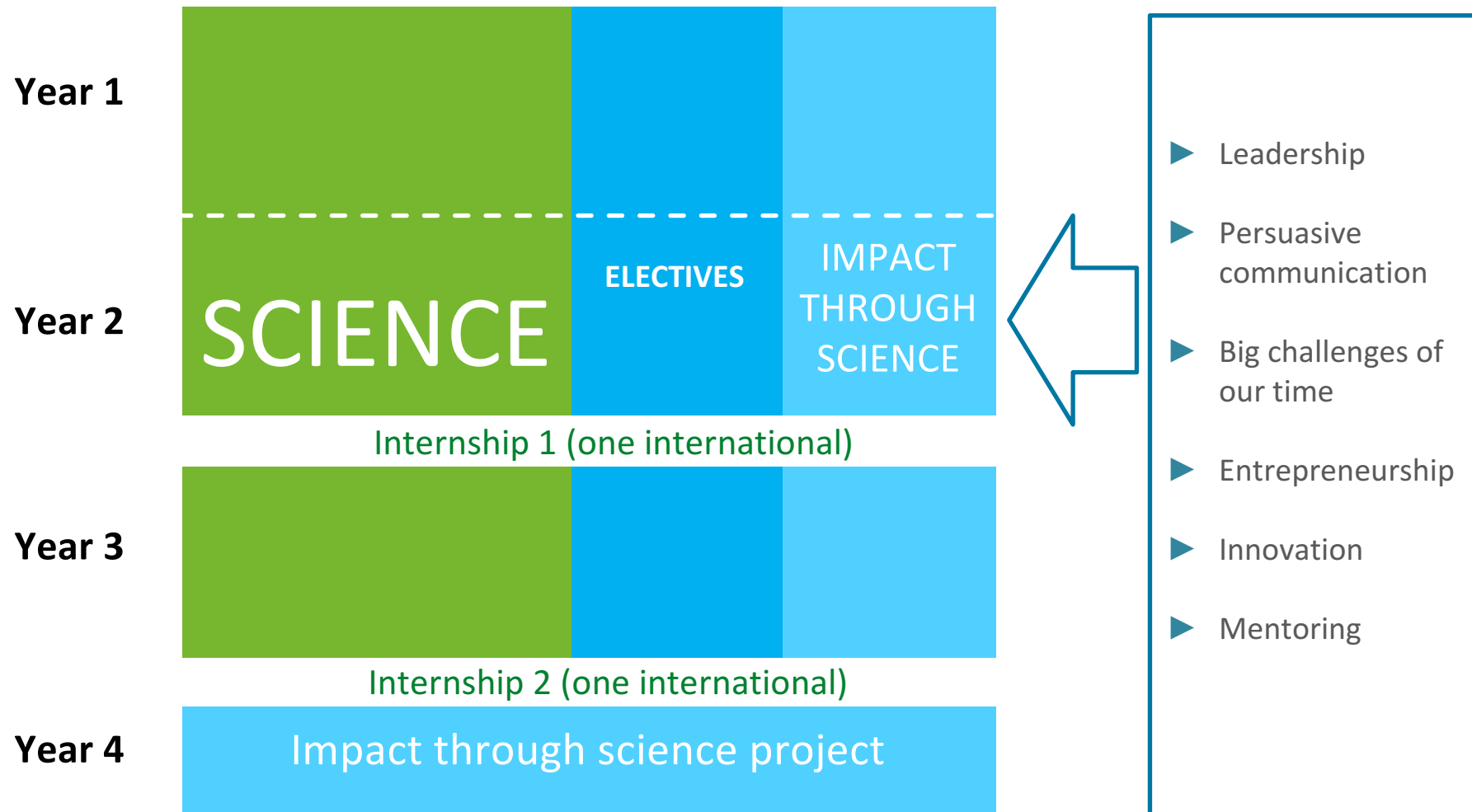


Work Integrated Learning in the Faculty of Science

- Third year industry internship unit
- Short term industry placement
 - 80 hours, extracurricular
- Science Careers Consultant
- Industry aligned practicals
 - .e.g. Chemistry
- Bachelor of Science Advanced - Global Challenges



BSc Advanced – Global Challenges (Hons)





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WIL Innovation Challenge

Students bring a suite of new
entrepreneurial and scientific
thinking to business problems



'Global Challenges' WIL Honours Approach



The Faculty of Science partners with external organisations



Environment
Protection
Authority Victoria



Victorian Institute
of Forensic Medicine



Department of
Primary Industries



'Global Challenges' WIL Honours Approach

1. The students are set a challenge by the partner organisation



Ever wondered what the air quality is like on your street? Or how noisy the local road is? Access to local environmental information is critical in helping people connect with their local environment and make informed choices about their health and wellbeing. Join the Environment Protection Authority Victoria to design, build and test the next generation of 'smart sensors' and assessment techniques for monitoring urban micro-environments.

'Global Challenges' WIL Honours Approach



2. Students work in groups supported by FoS honours coordinator, academic supervisor and partner organisations

'Global Challenges' WIL Honours Approach

3. Skills development is facilitated through online modules, face to face classes and visits to industry partners

ONLINE MODULES

- Getting to know your partner
- Your skills in the workplace
- Getting started on your project
- Professional etiquette





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Outcome

Students co-design creative
and feasible solutions with the
potential for impact



- This project
 - Evaluation of the modules will inform the wider implementation of WIL honours in Faculty of Science

- In addition
 - Research project investigating professional skills development in BSc Adv. GC (Hons) students over time
 - Evaluate the curriculum design, leadership and the resources required