Science employability skills and industry engagement

Dr Chris Thompson, Associate Dean Education
Science Schools Project (SCI3910)

• In this unit students further develop employability skills through a placement in a school. Each student will research, develop, manage and deliver a science based module.

• Students participate in a series of workshops on: understanding and catering for different learning styles, motivation, team work, goal setting, planning, management, leadership, effective communication and presentation skills, asking the right questions and reflection.

• Students are also required to reflect how they will transfer this learning into their future workplaces.
Science Internship (SCI3920)

- In this unit, students undertake a science based internship of at least 80 hours, where they put into practice the knowledge and skills developed in their course.

- The internship provides a hands-on, real world exposure to the workplace environment and will enable students to further develop graduate attributes and employability skills.

- Pre-placement workshops supports student preparation for the placement and develops an understanding of science based professions, the work culture, and the skills and attributes required for the workplace.
Career Skills for Scientists (SCI3930)

- This unit uses work-related activities to develop and enhance students’ transferable skills, help them focus on essential career planning, and prepare them to make effective applications for graduate level employment.

- Commercial awareness is the umbrella theme of the unit due to its critical importance in the workplace and have been well-reported as an area of employer dissatisfaction with graduate recruits in science.

- Students will explore aspects such as the intellectual property landscape, budgeting, regulation, quality control, marketing strategy, and the business environment, through creative problem-solving activities in a scientific employment context.
Science Industry Week

- Is an annual event that takes place every August. This is an opportunity for industry representatives to come on to campus to speak with students about career opportunities in our key science disciplines.

- We host over 30 industry representatives each year.
Thank you

Any questions?