

**BACHELOR OF  
SCIENCE ADVANCED  
– RESEARCH  
(HONOURS)**

[study.monash](http://study.monash)



## CHRIS WHITTLE Science Advanced Graduate

Studying Science at Monash gave Chris flexibility in choosing his subjects, allowing him to build his degree around his passions. Collaboration with physics researchers was a highlight of his studies, and Chris was a member of the LIGO Scientific Collaboration, which announced the detection of gravitational waves in 2016, 100 years after their prediction by Einstein.

"I feel privileged and honoured to have been involved with the LIGO Scientific Collaboration as an undergraduate during such a momentous discovery as the

first, and second, detection of gravitational waves. I am thrilled to have been given the opportunity to work directly on the Hanford detector with the LIGO scientists and engineers in Washington and look forward to further exciting results from the detectors as they are made even more sensitive to these ripples in spacetime." Since graduating Chris has accepted a PhD place at the Massachusetts Institute of Technology (MIT).

## FAST TRACK YOUR RESEARCH CAREER WITH THIS UNIQUE COURSE

Monash Science is renowned for its flexible approach, which enables students to tailor their course to suit their strengths and interests.

The Bachelor of Science Advanced – Research (Honours) allows you to pursue the scientific areas that interest you. In consultation with our expert course advisors you'll be able to accelerate your learning according to your own interests and abilities. If you know that a career in research is for you, then this course will help you achieve your goals.

## DO YOU SEE YOUR FUTURE IN RESEARCH?

As a scientist, you will play an important role in developing cutting edge technologies, therapies and initiatives that address some of the greatest challenges to society. You may be instrumental in policy making, research and teaching, addressing issues associated with health care and social well-being. You may also be employed in traditional and emerging areas where expertise in life sciences, geosciences, mathematics and statistics, computer sciences and the physical sciences is important.

The Bachelor of Science Advanced – Research (Honours) will help you foster your passion for science and set you up for a career in research, under the watchful eyes of some of the world's leading science researchers.

## To me, science is all about creativity. It's a creative pursuit to uncover some of the truths of nature.

### WORK ALONGSIDE THE WORLD'S BEST

Monash Science is home to research and teaching at the forefront of its field – the work of its people changes lives, shapes our conversation and provides new ways to view and understand our world. Their work – exploring the way atoms behave, understanding the inside of stars, conserving waterways, cultivating cures for disease, studying behaviour – doesn't just take place in a lab or the class room.

Our people can be found across the globe, finding answers to some of the most challenging questions we as a human race can imagine. This course enables you to learn from these people while working towards developing your own research strengths.

To find out more about Monash Science research, visit

**[monash.edu/science-stories](http://monash.edu/science-stories)**

### MENTORS

In addition to the formal course requirements, you will have the opportunity to be paired with a mentor who will monitor your progress and guide you along the path to scientific excellence.

### PRACTICAL SKILLS

Students will graduate from this course with strong skills in teamwork, collaboration, communication, project management, and the ability to collect, organise, analyse, interpret and present data meaningfully. These skills are vital in a research context, and can be applied to any career path.

### RESEARCH PROJECTS OPPORTUNITIES

Students in this course access unique research opportunities during their degree. Options include funded summer research projects exclusively for Advanced degree students, competitive travel opportunities to present at the International Conference for Undergraduate Research, and guaranteed access to full-semester project units in third-year (second year in some Schools). Combined with the flexibility to accelerate progress through your degree, you won't have to wait until postgraduate study to experience real research alongside leading Monash scientists.

## Further information

**[monash.edu/science/advanced-research](http://monash.edu/science/advanced-research)**

**1800 MONASH (1800 666 274)**

The information in this brochure was correct at the time of publication (June 2017). Monash University reserves the right to alter this information should the need arise. You should always check with the relevant Faculty office when considering a course.

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