WHERE CAN VU TAKE YOU IN SCIENCE?

Take a leading role in discovering technological solutions to global issues. With a science degree, you will develop the expertise to forge a career in numerous industries due to the broad range of theoretical and practical skills gained during your studies.

As a VU science student, you’ll have the opportunity to learn from and gain work experience with our industry partners and networks including City West Water, Bushfire and Natural Hazard CRC, Melbourne Water, Phillip Island Nature Parks, Western Water and more.

Study at VU and discover why we have the second highest earning graduates in Victoria within three years of graduation.

*2018 Graduate Outcomes Survey.*
### CAREER

**Science**

Prepare for a diverse science career contributing solutions to today’s biggest challenges. You’ll gain a solid foundation in science, along with valuable skills that are transferable to many different industries.

### ORGANISATIONS YOU MAY WORK IN

- Forensic science, agriculture and horticulture, environmental science and water, aquaculture education and research, cosmetics, materials and polymers, government, industrial chemicals and petrochemicals.

### POTENTIAL JOB TITLES

- Science Laboratory Specialist;
- Pharmaceutical Scientist;
- Biologist;
- Physicist;
- Industrial Chemist;
- Forensic Scientist;
- Ecologist.

### COURSE

**Bachelor of Science**

Specialisations:
- Biotechnology:
  - medical and pharmaceutical research
  - forensic science
  - agriculture and aquaculture
  - the food and beverage industry
  - education.
- Ecology and environmental management:
  - landcare/bushcare
  - environmental planning
  - restoration ecology and land management
  - marine and freshwater ecosystem management
  - environmental education
  - botany/zoology/ecology
  - ecological and resource assessment.

**Bachelor of Science/Master of Teaching (Secondary Education)**

FURTHER INFORMATION

- [vu.edu.au/courses/NBSC](http://vu.edu.au/courses/NBSC)
- [vu.edu.au/courses/ECST](http://vu.edu.au/courses/ECST)
All our courses are designed to fully prepare you for work, and taught by industry-connected teachers who are experts in the field. Hands-on learning, industry-sourced projects and high-tech simulation labs will shape you into a stand-out graduate.

**Work placements and field work**

In your third year of the Bachelor of Science, you will undertake industry or research placement projects. As a biotechnology student, you will gain experience undertaking lab-based work linked to real scientific research projects. If you study ecology and environmental management, you will receive extensive field experience, including conducting assessments for environmental rehabilitation using GPS and IT technologies in a variety of natural environments including marine, terrestrial and freshwater.

**Facilities**

You will gain hands-on experience with state-of-the-art science labs and facilities, including $1 million industry-grade analytical chemistry lab, DNA/protein analysis equipment and cell culture facilities.

**Problem-based learning (PBL)**

You will be exposed to our Problem-Based Learning (PBL) teaching and learning approach, learning to solve problems in a real-world context, develop critical thinking and problem-solving skills and graduate work-ready.
“I COMPLETED AN INDUSTRY PLACEMENT, WORKING ALONGSIDE ONE OF THE UNIVERSITY’S ECOLOGY RESEARCHERS.”

“VU’s Bachelor of Science was perfect because it allowed me to study the environment while also exploring other disciplines, including chemistry and ecology.

I completed an industry placement, working alongside one of the University’s ecology researchers and contributed to germination trials for a critically-endangered grassland shrub. It was an immensely valuable experience through which I was able to put my theoretical knowledge into practice.”

Brady
Bachelor of Science
(Chemistry and Ecology and Environmental Management)
We are one of only six universities in Australia to offer both TAFE and university courses, meaning you can choose the level of study that best suits you.

Our courses are designed with close industry consultation, and you’ll have opportunities for engaging work placements and internships to give you a head start in your future workplace. But above all, the VU Way is about what you bring to the University: joining our rich and diverse community will reward you with unique experiences in the classroom and beyond.

In 2018 VU was the first Australian university to introduce the VU Block Model. This new approach to learning is focused on making your transition into university easier, your chances of study success greater, and giving you the skills to succeed when you enter the workforce.
VU’S BLOCK MODEL MEANS

1. YOU’LL SETTLE INTO UNI FASTER
   Complete one subject every four weeks (including all assessments) and build confidence in your studies from day one.

2. YOU’LL FEEL SUPPORTED
   Learn in smaller classes and have more one-on-one time with your teachers.

3. YOU’LL FEEL LESS STRESSED
   You’ll only have to focus on one unit at a time. At other universities, you will be expected to complete multiple units at once.

GET FUTURE FOCUSED WITH BLENDED LEARNING

Study at Victoria University Polytechnic, VU’s TAFE division, and you’ll learn with our multi-award winning Blended Learning model. Blended Learning is flexible, industry-based and focused on preparing you for the modern workplace. It replaces paper-based theory tuition with a combination of user-friendly online learning and face-to-face workshops. Online components mean you can learn anytime, anywhere – and then you’ll refine your skills through practical learning and on-the-job work placements.

PATHWAYS

Course ‘pathways’ offer an easy transition between courses at different levels, so that you can start with a certificate and progress right through to postgraduate study – in many cases gaining credits along the way. Students starting in Higher Education degrees can also add to their portfolio of skills with practical, hands-on training through our TAFE programs.

Find out more at vu.edu.au/pathways