Agricultural Science is a future-focused degree that equips you to address some of the world’s biggest challenges and opportunities.

Using science, technology and business skills, you’ll learn to tackle sustainability issues and build a career in a growing industry. This might mean boosting the sustainability of agricultural enterprises, developing climate change-resistant plants or working with subsistence farmers in developing countries.

Taught by the Tasmanian Institute of Agriculture (TIA), a specialist research and teaching institute at the University of Tasmania, your education is at the cutting-edge of agriculture, applying food systems concepts and ideas from around the world.

WHY STUDY AGRICULTURE WITH US?

Over $250,000 worth of scholarships are exclusively offered each year to Agricultural Science students.

Go beyond the classroom with field-based units in Tasmania’s living laboratory and gain career-ready experience from our work placement units.

With close relationships across agriculture and the food value chain, you can connect with industry throughout your studies.

“TIA has given me the knowledge to work on farms and the skills to communicate with others. It has taught me to think outside the box and to consider the holistic impact of my work.”

– JAMES KAYE, AGRICULTURAL SCIENCE GRADUATE
WHAT CAN I STUDY?

**Crop Science and Plant Health**
With a strong focus on crop production and protection, you’ll learn how to apply this knowledge to increase productivity and sustainability in diverse production settings.

You’ll also study a broad range of topics including plant physiology, agronomy, horticultural science, entomology, plant pathology, chemistry, botany, microbiology and farm business economics.

**Sustainable Agriculture**
Sustainability in agriculture has never been more important. Gain an understanding of the human and economic factors impacting the industry, as well as the skills to improve sustainable practices.

This major includes the study of chemistry, spatial sciences, ecology, microbiology, farm business economics, pasture science, soil science and the animal sciences.

**STUDY HIGHLIGHTS**
You’ll experience a three-day intensive tour of some of Tasmania’s most innovative agricultural enterprises and our own research farms. You’ll also have the opportunity to interact with a variety of industries including robotic dairy operations, the pyrethrum industry, vegetable and fruit production, glasshouse tomato production, cattle farming, milk factories, and TIA’s own vegetable research farm.

Learn more about our agriculture courses [here](#).

CAREER OUTLOOK
There is a growing demand for skilled Agricultural Science graduates. The knowledge you will gain can see you working all over the globe, in both government and private sectors, indoors, outdoors, in the lab and the field.

You can choose specialist studies that can focus on your career path, including:

**Agronomist**
Sustainable farming relies on primary producers receiving the most up-to-date information. As an agronomist, you would be working with industry to ensure farming systems remain economically and environmentally sustainable for future generations.

**Agricultural Scientist**
Feeding more people with fewer resources is a global challenge. A career in any area of the agricultural research sector – including soils, pest and disease management, plant and animal genetics, and much more – will place you on the front line.

**Agricultural Entrepreneur**
Equip yourself with the skills to establish your own career in the food sector. You can run your own microbrewery, winery, farm, niche product or advisory service. Our graduates have set up successful operations based on understanding their role in supplying consumer demands.