Bachelor of Agribusiness
Agricultural Technology

Course Code: 309880

Australian Agriculture plays a major role in the world food supply system which is under increasing pressure to feed a rapidly growing population. The industry is recognised for its expertise and efficiency which is evident through improved productivity over the last 20 years. Future productivity growth relies on high calibre research, as well as development and adoption of innovations and new technologies such as biotechnology, genetic modification and precision farming.

Career Opportunities

Employment for Agricultural Technology graduates includes management level positions in a variety of private and public sector organisations within Australia and overseas. Graduates take on challenging positions in exciting and diverse areas such as agribusiness management, export marketing, rural finance, consulting, agronomy, livestock and research and development.

Course Description

The Bachelor of Agribusiness Agricultural Technology is a four-year degree that focuses on new technologies developed within the agricultural industry, as well as production systems and animal science. The course content covers soil and broadacre agronomy, sustainable agricultural systems, integrated pest management, pasture production and grazing animal production, agricultural supply chain management, agricultural commodity marketing, risk management, biotechnology, precision agriculture and adaptation to climate change. Students also learn business skills in management, marketing, economics, finance, business planning and international business relations as they relate to agriculture.

agrienvi.curtin.edu.au

AGRICULTURE & ENVIRONMENT AT CURTIN
All about: Agricultural Technology

Entry Requirements
TER 2008 – 78.00
Mature Age – STAT, elements E, V or Q.
Agribusiness Enabling Course
WACAO – At least 4 As, nothing lower than a B.
TAFE – Completion of an accredited diploma, advanced diploma or associate diploma.

Duration
4 years full-time or equivalent part-time.

Location
Northam.

Real World Practice
In the third year of the degree students spend 12 weeks undertaking professional practice.

They develop their management skills whilst working in an agribusiness organisation anywhere in Australia or overseas. This hands-on placement provides students with essential experience that ensures they are job ready upon graduation.

Throughout the degree students studying on the Northam Campus use the Muresk farm for demonstration, teaching and research activities. Students learn in the field and can apply the knowledge to future employment or farming positions.

Professional Recognition
Graduates may be eligible to apply for membership of the Australian Institute of Agricultural Science and Technology (AIAST).

International Students
International Students studying in Australia on a student visa can only study full-time. There are also specific entry requirements that must be met. Please refer to www.international.curtin.edu.au or phone +61 9 9266 7331 for further information, as some information contained in this booklet may not be applicable to international students. Australian citizens and permanent residents and international students studying outside Australia may have the choice of full-time, part-time and external study. Information about TISC only applies to Australian residents.

Why Choose Muresk?
Muresk Institute graduates have earned a reputation within the agriculture and food industries as being hard working, highly knowledgeable and innovative. They have both excellent practical skills and a solid theoretical base. In fact, graduates are so keenly sought by employers that many students secure jobs well before they graduate. Plus, the integrated approach to presenting agriculture to students in a business context means that our graduates are able to choose from an extremely diverse range of careers.

Graduate Profile
Rob Proud
WA State Manager, Emerald Group

I grew up in Perth, and attended high school at Christ Church Grammar School. I was attracted to study Agribusiness Marketing at Muresk because I was interested in the field of study and the extensive scope of education offered.

Muresk provided an excellent environment not only for studying, but for learning with friends. All of the experiences I had whilst at Muresk, as well as the curriculum itself, has given me a great basis to launch my career in the agricultural industry.

After graduating, I worked as the Marketing Manager for the Grain Pool Pty Ltd where I managed the canola singles desk program and sold up to 800,000mt/year of canola for the growers of WA. I was then promoted to initiate and develop the East Coast trading operations of the CBH Group as the National Marketing Manager for all Domestic Grains, pulses Otseeds. After moving on from the Grain Pool I secured a top level management position with Emerald Group, Australia’s leading independent grain manager. In this position I am the Western Australian State Manager and oversee all aspects of the grains operation in WA.

My advice for potential Muresk students would be not to limit your thinking and potential to just traditional agricultural jobs or business when taking on study at Muresk. There are many opportunities and career paths that the Curtin Muresk education can lead you to. It is a well respected education and great platform for further learning.

For more, contact:

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Course Structure

YEAR 1
- Agribusiness Communications
- Agribusiness Systems
- Agricultural Soils
- Agronomy
- Food and Fibre Production
- Agribusiness Economics
- Agricultural Statistics
- Animal Science
- Broadacre Crop Agronomy
- Agribusiness Management

YEAR 2
- Agribusiness Accounting and Finance
- Animal Science
- Agribusiness Management
- Cropping Systems
- Agribusiness Finance
- Agribusiness Risk and Resource Management
- Advanced Animal Science
- Crop Protection

YEAR 3
- Food and Agribusiness Marketing
- Operations Research for Agribusiness
- Commercial Management of Beef Enterprise
- Sustainable Agronomic Systems
- Agribusiness Law and Taxation
- Agricultural Knowledge and Information Systems
- Commercial Management of Sheep Enterprises
- Advanced Agricultural Technologies

YEAR 4 (COURSEWORK STREAM)
- Broadacre Crop and Pasture Nutrition
- Risk Management
- Corporate Agribusiness Management
- Agribusiness Marketing Research
- Farm or Agribusiness Planning
- Integrated Pest Management
- Comparative Agriculture
- Commodity Marketing
- International Agribusiness Marketing

CurtInnovation

Curtin Campus in Bentley is a leading edge university of technology. To fulfill this vision, we strive to be innovative and forward-looking in everything we do. It's in our approach to teaching and learning, it's in our research. It's in our staff. It's in our students. It's in our graduates. It's in the way we think and act. It's what we call CurtInnovation.