



Curtin University

SCIENCE AND ENGINEERING

AGRIBUSINESS

BACHELOR OF AGRIBUSINESS

Course Code 303423

The agriculture industry is heading for an exciting future. Demand is increasing for the production, marketing and distribution of food and fibre products for a growing world population; and the industry faces complex issues related to climate change, food security and growing international trade.

Skilled graduates are needed to work on these issues, and with a degree in Agribusiness, you can play an important role in helping address the challenges and opportunities of the future.

Curtin's Bachelor of Agribusiness enables you to develop a comprehensive understanding of agriculture and its operations, in combination with the business environment. In the first year of the program, you will study a range of units focusing on science, communications and business management. In the second and third years, you will deepen your knowledge and application of agribusiness and its concepts by completing a combination of production and technology, and business and marketing units.

Upon graduating, you will have an industry-ready understanding of the science and technology required for animal and plant production. You will have also developed important professional attributes, including the ability to understand, apply and communicate key principles and to think analytically and creatively. If you are a high achieving student, you may be also able to complete an additional honours year and undertake your own research project.

REAL WORLD PRACTICE

As part of the course, you will undertake twelve weeks of professional practice with a range of relevant agribusinesses. You may also undertake field work or field visits to farms, marketing organisations and other off-farm ventures. These visits will give you valuable insights into the agribusiness industry.

GOOD REASONS TO STUDY AGRIBUSINESS

- Curtin is the only university in WA that offers a Bachelor of Agribusiness.
- There are 3-5 jobs for every graduate, and 50% of these are in metropolitan areas.
- The high demand for graduates of this course means many students receive offers of permanent employment prior to graduation.

MORE ABOUT ENVIRONMENT AND AGRICULTURE

Course Code 303423

CAREER OPPORTUNITIES

The agribusiness industry is a significant contributor to the Australian economy, and internationally. Career opportunities are exciting and varied, and not confined to production agriculture. Curtin's Bachelor of Agribusiness is designed to provide career opportunities from farms through to the export and marketing of agri-products, as well as within the industries that service agriculture. Examples of career options include:

- Professional farm management
- Commodity trading
- International marketing
- Exporting
- Financial management
- Business consulting
- Agribusiness banking
- Agronomic and livestock sales.

The banking and the finance sector, grain marketing and handling companies, machinery and supply companies and other suppliers of agribusiness and horticulture products all require graduates with a good knowledge and understanding of production systems in order to make the right decisions to support businesses linked to agriculture.

Currently, as the demand for agriculture and agribusiness graduates is greater than the supply from universities across Australia, there are clear opportunities for employment.

PROFESSIONAL RECOGNITION

Graduates are eligible to apply for membership to the Australian Institute of Agricultural Science and Technology.

ENTRY REQUIREMENTS

Prerequisites: None

Mathematics 2C/2D and a science course of study Level 3A/3B desirable.

ATAR: 70. Alternative entry requirements exist for WA College of Agriculture students.

Mature Age – STAT major elements E, V and Q are considered

DURATION: 3 years full-time or equivalent part-time

LOCATION: Bentley

CRICOS CODE: 029345C

For more information:

Future Students Centre

Tel: +61 8 9266 1000

1300 CU 1000

Fax: +61 8 9266 3331

Email: futurestudents@curtin.edu.au

Web: futurestudents.curtin.edu.au

GRADUATE PROFILE

AMIE BOLTON

CBH, Business Analyst

Amie believes that students graduating with a degree in agribusiness are helping to take companies to the next level. "They have skills in technology, agribusiness and communication, which are all important for the industry."

Amie moved to rural Corrigin as a teenager, and while she can't really remember when her interest in agribusiness started, working at CBH as a grain sampler when she was 16 certainly helped. "I got an insight into the business side of it, working with farmers and grain quality. I found I was really interested in the agribusiness marketing and community engagement aspects, which inspired me to learn more and pursue a career in the industry."

The skills and knowledge I gained from my Bachelor of Agribusiness degree gave me a good grounding to start in the industry."

Since graduating she has worked with the Facey Group, Curtin University and is now at CBH as a business analyst.

COURSE STRUCTURE

Year 1, Semester 1	Year 1, Semester 2
Cell Biology 101	Biological Computing 100
Management 100	Biology 100
Principles of Plant and Animal Production 102	Food Chain Systems 101
Chemistry 181	Science Communications 101
	Land and Water Resources 100
Year 2, Semester 1	Year 2, Semester 2
Marketing 100	Broadacre Crop and Pasture Science 202
Agribusiness Management 201	Genetics and Biotechnology 200
Animal Production 201	International Agricultural Trade 202
Production for Quality in Broadacre Systems 200	Accounting 100
Year 3, Semester 1	Year 3, Semester 2
Advanced Livestock Production Systems 300	Advanced Cropping Systems and Precision Agriculture 300
Agribusiness Marketing Research 301	Agribusiness Planning (Capstone) 302
Commodity Trading and Risk Management 202	Agriculture and Rural Development 202
Sustainable Agricultural Systems 301	Integrated Pest Management 302

INTERNATIONAL STUDENTS

International students studying in Australia on a student visa can only study full-time and there are also specific entry requirements that must be met. Please refer to www.international.curtin.edu.au or phone +61 8 9266 7331 for further information, as some information contained in this publication may not be applicable to international students. Australian citizens, permanent residents and international students studying outside Australia have the choice of full-time, part-time and external study.

Information in this publication is correct at the time of printing but may be subject to change. In particular, the University reserves the right to change the content and/or method of assessment, to change or alter tuition fees of any unit of study, to withdraw any unit of study or program which it offers, to impose limitations on enrolment in any unit or program, and/or to vary arrangements for any program.

Full details of the course and units are available by contacting the Future Students Centre or online at: handbook.curtin.edu.au

Curtin University of Technology CRICOS Provider code 00301J

Sydney Campus of Curtin University of Technology CRICOS Provider Code 02637B

Curtin University is a trademark of Curtin University of Technology