Commencing:
Semester 1 or Semester 2
Location:
Gatton
Delivery Mode:
Internal, External

Postgraduate coursework programs in agricultural science

Unpredictable climates, degraded environments and growing populations pose the greatest food security challenges of all time. A multidisciplinary approach is required by future agriculturalists, to produce more with less.

Increasingly, we are looking to scientists to answer the demand for increased food and fibre production. If population growth continues, we will see a doubling of the world’s people to 12 billion by the middle of the 21st Century. Postgraduate programs in agricultural science will prepare future leaders and entrepreneurs to meet these challenges.

Specialise in one of four fields of study where you will be exposed to the latest advances in agricultural science such as precision agriculture techniques, genetic technologies and sustainable resource management.

Fields of study:
• Agronomy
• Animal Production
• Horticulture
• Plant Protection

Learn to apply your leadership, research and problem solving skills to address biosecurity challenges, while ensuring productivity and meeting community expectations relating to animal welfare and the environment.

Postgraduate study in Agricultural Science is recommended for graduates and professionals seeking to expand their career prospects into a wide range of government, commercial, community or research based roles.

UQ Advantage
UQ is ranked as the top Australian university and in the top 20 internationally for studies in Agricultural Science, according to the 2014 QS World University Subject Rankings. You will learn from Australia’s leading researchers and educators in this field.

www.uq.edu.au/study
Career opportunities
Agricultural Science offers exciting, challenging careers within many fields and industries. UQ graduates find employment in supervisory level roles as:
• Agronomists and horticulturalists in companies and governments advising growers on cultivating and protecting crops to ensure maximum profitability and sustainability
• Agricultural scientists in government, industry and international institutions
• Agricultural consultants and advisors for producers and companies
• Managers of agricultural enterprises, family and company-owned farms or agribusiness companies and rural industries
• Advisers in banks and other financial organisations to ensure rural industry investments are economically sound
• Animal scientists and dairy technologists
• Agricultural and resource economists
• Extension and inspection officers
• Land information systems officers
• Plant protection advisors or horticultural consultants
• Regulators of government policy to keep Australia free from pests and diseases
• Educators (after completing a Graduate Diploma of Education).

Program structure
Graduate Certificate in Agricultural Science
• 8 units (0.5 years full-time or part-time equivalent)
Part A – fundamental courses in agriculture
Part B – electives

Master of Agricultural Science
• 24 units (1.5 years full-time or part-time equivalent) or 32 units (2 years full-time or part-time equivalent).
Part A – fundamental courses in agriculture
Part B – research project
Part C – specialist courses
Part D – electives

Sample course list
• Global Challenges in Agriculture
• Agricultural Research Methodologies
• Grazing Land Management
• Advanced Agronomy
• Reproduction & Breeding Technology
• Plant-Microbe & Insect Interactions
• Soil & Growth Media Management
• Concepts in Animal Science

Entry requirements
Graduate Certificate in Agricultural Science
Bachelor degree in any field or have completed post-secondary study or work experience in a relevant area and satisfy the Executive Dean of suitable qualification for admission.

Master of Agricultural Science (#24)
Bachelor degree in agricultural science, animal science, biological science, plant science (botany, horticulture or agronomy), veterinary science or degree in a relevant area.

Master of Agricultural Science (#32)
Bachelor degree in any field or Graduate Certificate in Agricultural Science.

How to apply
International applicants
Information about application procedures for international students can be found at www.uq.edu.au/international-students/application-instructions

Domestic applicants
Complete the online application form at www.uq.edu.au/study

Time of publication: Every effort has been made to ensure the accuracy of information in this document at the time of publication. The authoritative source of program and course information is the UQ Courses and Programs website at uq.edu.au/study. Where any conflict of information exists, the rules and associated course lists approved by the UQ Senate shall apply.

Enquiries – International applicants
W: uq.edu.au/international-students/enquire-online
E: study@uq.edu.au  P: +61 3 8676 7004

Enquiries – Australian students
E: science.enquiries@uq.edu.au  P: 07 3365 1888