

## Scholarships

There are a large number of scholarship opportunities open to postgraduate students. The scholarships funded by the University, industry and non-profit organisations are available to potential and currently enrolled students.

## Facilities

- Scientific and Technological Instrument Center
- Science and Technology Laboratories
- Center for Information Technology Service
- Learning Resources and Educational Media Center



### For more information

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## Master of Science in Technology Management of Agricultural Produces



School of Agro-Industry  
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## Master of Science in Technology Management of Agricultural Produces

Emphasis is on management of agricultural produces in order to minimise postharvest losses, consequently, extend shelf life, with a focus on safety of the produces. Students learn to combine science and technology, postharvest handling, transportation and commercial management for effective management of produces. The program is designed as a multidisciplinary course, integrating scientific communication, critical thinking and problem solving into the curriculum.

### Admissions/Entry Requirements

Entry to the program generally requires a bachelor degree in agriculture, science and technology or related fields with a GPA of at least 2.5 from accredited universities.

OR

A bachelor degree plus 1 year full time professional work experience.

### Application Process

Applicants are required to pass the interviews arranged by the Program Committee. The approval of applicant is based on basic knowledge in agricultural science and technology, work experience, personality and other relevant qualifications.



## Programs

**Duration:** 2 years (full time)

### Program 1: Research program

Thesis 36 Credits

### Program 2: Coursework program

Compulsory courses 17 Credits

Elective courses 7 Credits

Thesis 12 Credits

**Total 36 Credits**

## Courses

### ❖ Technology Management of Agricultural Produces

- Postharvest biology and technology
- Postharvest technology of fruits and vegetables
- Postharvest pathology
- Postharvest technology of cereals and legumes
- Postharvest handling of ornamental plants
- Postharvest operations engineering
- Postharvest technology of tea, coffee and cocoa
- Packaging technology for agricultural produces
- Postharvest technology of muscle foods

### ❖ Management

- Logistic and supply chain for agricultural produces
- Management of agricultural produces for trade and export
- Border trade management
- Reverse logistics and return management
- Technology and information systems for logistics and supply chain management

## Research Groups

- Postharvest biology and technology of fruits, vegetables and ornamentals
- Postharvest technology of seed and grain
- Postharvest pathology and microbiology
- Produce packaging system
- Quality and safety of fresh produces
- Postharvest management of agricultural produces



## Current Research Highlights

- Potential of value-added and extend storage life of pineapple and pomelo for export
- Bioactive compounds in tea and tea products, pineapples, tangerine and pomelo fruits
- Development of packaging system for exporting pomelo
- Quality characteristics, compositions and changes during storage of muscle foods and fishery products