

# Master of Science in Agri-Science and Technology (Postharvest) (International Program)

Our international M.Sc. programme is design based on learning outcome. The integrative learning, critical thinking and creative problem-solving skills in Agri-Science and Technology especially in postharvest are blended. Students will be trained in research, experimental design and application of appropriated technology to effectively reduce postharvest loss and maintain the quality of agricultural produces. According with international education standards, our programme is conducted in English to support the students who would like to pursue their higher education abroad or work in international company.

## Career

Research scholar, researcher, agricultural and extension officer, quality assurance manager, fresh produce supplier, project analyst, entrepreneur, Small-Medium business owner (SME), etc.

## Quality assurance

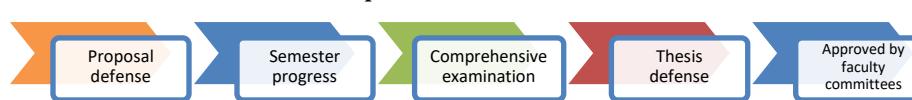
### Student recruitment



### Educational evaluation



### Guidelines for Thesis completion

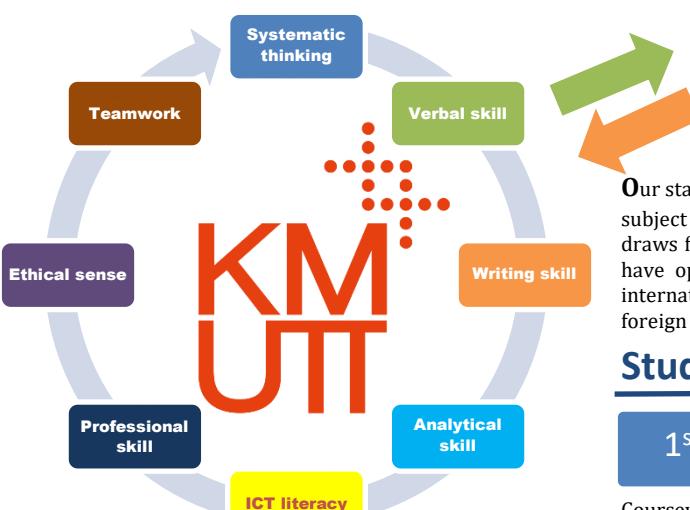


## Program learning outcome (PLO)

**PLO 1:** Apply knowledge of agricultural science and postharvest technology to address the loss of agricultural commodities throughout the supply chain.

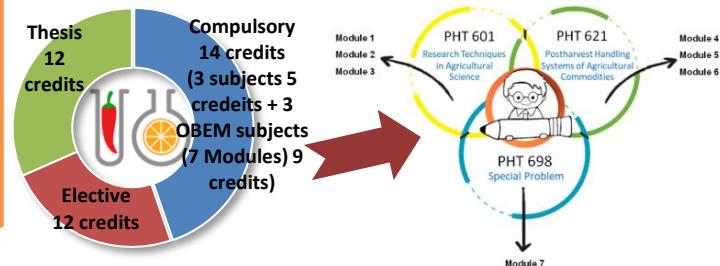
**PLO 2:** Utilize digital technology to disseminate research findings in agricultural science and postharvest technology.

**PLO 3:** Possess professional ethics and the ability to collaborate with others.



## Program specification

The University Council granted programme permission at Meeting No. 285, Date 10<sup>th</sup> May 2023. Teaching take places at King Mongkut's University of Technology Thonburi, Bangkok.



OBEM 1 Scientific Instruments

OBEM 2 Physico-Chemical Analysis

OBEM 3 Statistical analysis for AgriScience

OBEM 4 Plant Physiology

OBEM 5 Preharvest Factors

OBEM 6 Postharvest Technology

OBEM 7 Case Study

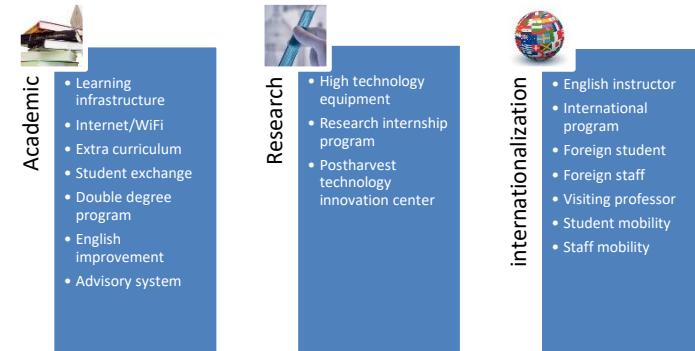
### Language in class : English

In order to meet the quality assurance, candidates who meet the following qualifications will be interviewed by our staff. The academic performance of a candidate will be evaluated in respect of the courses of study through the examinations, and participatory learning, as well as the thesis defense examination.

### Entry requirement:

1. Completion of B.Sc. in Agriculture, Science, or its equivalent levels.
2. Proficiency in English with English Certificate
3. Following qualification as rules and regulations of KMUTT.

## Student support



## Academic staff development

Our staffs achieved an academic qualification in Doctoral degree abroad in a relevant subject in accordance with the purposes to create interdisciplinary program which draws from two or more academic disciplines that work together. Besides, all staffs have opportunities to gain knowledge through the participation in national and international conferences regularly and to promote the research collaboration with foreign research institutions.

## Study plan for success

1<sup>st</sup> year

Coursework, seminar, thesis proposal

2<sup>nd</sup> year

seminar, thesis research, comprehensive examination, thesis defense

3<sup>rd</sup> year

Extra-curriculum: internship in foreign university