

Course Detail

Master of Science Program in Agricultural Science

Course Title:	Master of Science Program in Agricultural Science
Master Degree:	M.S. (Agricultural Science)
Academic Institution:	Faculty of Agriculture Natural Resources and Environment
Duration:	2 years (June 2021 – May 2023)

Background and Rational:

Agriculture Science play a major role through Sustainable Development Goal (SDGs). Agriculture is lauded upon Green and Bio-Economy as well as Circular Economy. While, Agriculture Science Technology an Innovation are rapidly demanded for life-long learning to raising human life quality with better competitiveness production base on conservation ecology and sustainable mankind environment.

Objectives:

1. To gain knowledge, competency, skill, and attitude for working in the field of agricultural science in the international level.
2. To be curious and have ability for doing research and developing agricultural science
3. To have various skills and readiness about technological transformation and development in higher level by having an awareness that will effect to environment and humanity.
4. To understand in social changing and condition both in Thailand and the world, to determine for developing the country following the role and responsibility throughout the conservation and promotion resources, religion, and national culture.
5. To have moral discipline, on time, honest, intelligence, professional realization and social responsibility.

Course Synopsis and Methodology:

Master of Science Program is the integrated course of study and research that focusing on Agricultural Sciences knowledge with Plant Science, Entomology, Diseases and Pests, Soil Resources Management, Agricultural Development, Animal Production in the tropical, Biotechnology, Post-Harvest, Seminar, and Thesis

1. Study plan (Plan A Type A1) 36 credits

Year	Semester 1	credits	Semester 2	credits
Year 1	107506 Seminar I (Non-credit)	1(0-2-3)	107507 Seminar II (Non-credit)	1(0-2-3)
	107591 Research Methodology in Science and Technology (Non-credit)	3(3-0-6)	107593 Thesis II Type A1	9
	107592 Thesis I Type A1	9		
Year 2	107508 Seminar III (Non-credit)	1(0-2-3)	107509 Seminar IV (Non-credit)	1(0-2-3)
	107594 Thesis III Type A1	9	107595 Thesis IV Type A1	9

2. Course Description**107506 Seminar I**

To search, collect, and analyze on research publications and reviews in agricultural science and related topics to develop thesis topic and proposal. Oral presentation required.

107507 Seminar II

To search, analyze, criticize and summarize on research publications and reviews in agricultural science and related topics to develop thesis literature review. Oral presentation required.

107508 Seminar III

Presentation on thesis progress and brain storming to improve thesis research. Research publication preparation. Oral presentation required.

107509 Seminar IV

Open oral seminar on complete thesis research or thesis publications and brain storming from participants to improve thesis research.

107591 Research Methodology in Science and Technology

Research definition, characteristic and goal, types and research processes, research problem determination, variables and hypothesis, data collection, data analysis, proposal and research report writing, research evaluation, research application, ethics of researchers, and research techniques in science and technology.

107592 Thesis I Type A1

The basic overview of the thesis and its educational objectives. Structure and formatting of master degree's thesis. Suggesting thesis proposal elements. Identify a thesis theme.

107593 Thesis II Type A1

Performing a thorough review of the literature in the area of thesis theme and presentation. Developing in research methodology including a description of research design, the type of data to be collected, the method of collection, and how the data will be evaluated. Presenting a thesis proposal to thesis advisor and committee.

107594 Thesis III Type A1

Conducting thesis research to demonstrate mastery of a body of knowledge in agricultural science. Preparation and completion of a scientific manuscript for publication. Writing the master thesis document following the thesis guidelines.

107595 Thesis IV Type A1

Presenting the master thesis to the colloquium which either approved, rejected, or conditionally approved with commendations for improvement. Retifying the work and submitting it to the Graduate School.

Course Content

Naresuan University proudly offers Master of Science Program in Agricultural Science that focuses on Plant Science, Entomology, Soil Resources and Agricultural Environment Management, Agricultural Development, Tropical Animal Production, Energy Crops and Industrial Crops, and Postharvest Technology. The program takes two years in Plan A Type A1 requires 36 credits of thesis plus 6 credits of basic required courses.

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Graduation Conditions:

1. The complete 36- credit course
2. The complete thesis submission
3. The international research publication in Scopus or ISI
4. The English score certificate according to the university requirement

Applicant Qualifications:

Applicants must be holding a Bachelor degree or equivalent in Agriculture or related field with other qualifications of Naresuan University Graduate regulations

Plant Science, Entomology, Diseases and Pests, Soil Resources Management, Agricultural Development, Animal Production in the tropical, Biotechnology, Post-Harvest, Seminar, and Thesis

Document Required

1. Original undergraduate transcript
2. Grade point average of 2.75 or higher
3. Two letters of recommendation
4. TOEFL (for student non-English speaking institutions)
 - Computer based: 213
 - Paper based: 550
 - iBT: 80 and IELT: 6.5

5. Proposed Research Proposal (maximum 2 pages of A4 paper size) :

- Research Question
- Purposes of Research
- Research Framework
- Expected Results
- Methodology
- References

Contact:

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***The application procedure will complete when TICA has received the hard copy of the application form and other related documents through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate – General accredited to eligible countries/territories.