

Faculty of Agriculture at Kamphaeng Saen

Master of Science Program in Agricultural Research and Development (International Program)

M.S. (Agricultural Research and Development)

Plan A Option 1:

Total credits required: minimum 36 credits

(1) Major courses: minimum 5 credits (audit)

- Seminar: 2 credits

02047597 Seminar 1,1

- Major requirements: 3 credits

02047591 Research Methods in Agricultural Research and Development 3(3-0-6)

(2) Thesis: minimum 36 credits

02047599 Thesis 1-36

Course Description

02047591	Research Methods in Agricultural Research and Development Research principles and methods in agricultural research and development, problem analysis for research topic identification, data collecting for research planning, identification of samples and techniques. Research analysis, result explanation and discussion, report writing, presentation and preparation for journal publication.	3(3-0-6)
02047592	Information Technology in Agricultural Research Database management in agricultural research project, information retrieval from public databases, data mining, design and construction of a relational database in agricultural research project, statistical analysis packages. Bioinformatics in agricultural research.	3(1-6-5)
02047593	Perspectives in Research and Development in Agricultural Systems Concept, paradigm and perspectives in agricultural research and development in agro-ecological, environmental, economical, social and political aspects through systemic, holistic and interdisciplinary approaches. Knowledge management for agricultural research and development by indigenous knowledge, appropriated technology, community enterprise, agri-business and agroindustry based-on the philosophy of self-sufficiency economy for the sustainable agriculture development.	3(3-0-6)
02047597	Seminar Presentation and discussion on current interesting topics in agricultural research and development at the master's degree level.	1
02047599	Thesis Research at the master's degree level and compile into a thesis.	1-36