

COURSE DETAILS

Master' Degree

95709 Principle of Agricultural Resource Management (6 credits)

Course Learning Outcomes

1. To provide knowledge and understanding of the principles of agricultural resources management.
2. To apply principles of agricultural resources management in agricultural operations.

Course Description

Meaning and concepts of agricultural resources management; the agricultural resources management process on a micro and macro scale; information technology in agricultural resources management; sustainable management; analysis and decision-making under limited resource situations; selection of appropriate technology; environmental impact analysis; related laws and regulations; social and environmental responsibility; application of agricultural resources management knowledge in agricultural operations.

95710 Research Methodology in Agricultural Resource Management (6 credits)

Course Learning Outcomes

1. Have knowledge and understanding in research in agricultural resource management.
2. Able to integrate research knowledge into the development of agricultural resource management.

Course Description

Concepts of research in agricultural resource management in plants, animals, agribusiness forest resources and environment research process types and methods of research statistics for research interpretation and interpretation of analysis results statistics, application of statistics and research methods ethics and ethics in research Examples and research techniques in agricultural resource management.

95711 Resources Management for Crop Production (6 credits)

Course Learning Outcomes

1. Have knowledge and understanding in resource management for crop production.
2. Able to integrate knowledge in resource management for plant production systematically.

Course Description

Resources for crop production, Production management and plant production systems Post-harvest product management increasing the value of standard crop production, Production of agricultural products in plants marketing management supply chain management for agricultural products in plants analysis of plant production projects integration of management for crop production in accordance with the environment, society, economy, rules and regulations and various standards morally and ethically.

95713 Resources Management for Animal Production (6 credits)***Course Learning Outcomes***

1. To provide knowledge about the resources and its management for animal production.
2. To apply the knowledge in resource management for animal production.

Course Description

This course will teach about the domestic animal production systems, which includes live stocks, poultry, and aquatic animals, as well as resources and its management for animal production by considering the environment, regulations, legislation, standards, and morality.

95721 Seminar Issues Related to Resource Management for Crop Production (6 credits)***Course Learning Outcomes***

1. Study situation related to resources management for crop production.
2. Study, research, analyze and synthesize about academic content and write academic report.
3. Knowledge and experience in academic presentation and organizing academic seminar.

Course Description

The education of current situation related to resources management for crop production. The process of setting topics and organizing academic content. The study, research, analysis and synthesis of academic information. The writing proposals for academic content and publishing academic papers. The preparation of media for academic presentation. The presentation and public discussion of interesting topics in resource management for crop production and organizing academic seminars and evaluation of academic seminars.

95722 Business Management for Animal Production (6 credits)***Course Learning Outcomes***

1. To provide knowledge about the involved business and its management for animal production.
2. To apply the obtained knowledge to business planning and development for animal production.

Course Description

This course will teach about the business systems, the analysis of business environment, related data and business planning, business management, as well as the management of logistics and supply chain for the production of live stocks, poultry, and aquatic animals by considering the environment, regulations, legislations, standards, and morality.

95723 Knowledge Management in Resource Management for (6 credits)**Animal Production*****Course Learning Outcomes***

1. To provide knowledge about the knowledge management in resource management for animal production.
2. To publicize the knowledge in resource management for animal production.

Course Description

This course will teach about the concept of knowledge management, the management of knowledge in resource management for animal production, and the study of current situations involving with the resource management for animal production. The course will also look into the research, the analysis, and the synthesis of academic content, the publication of academic content, the guidelines in making media presentation for academic seminars, and the exchange of opinions and ideas in certain topics about the resource management for animal production based on morality and academic ethics.

Note: This course is required for those who want to have at least 15 credits in the resource program for animal production.

95724 Resource Management for Agribusiness**(6 credits)****Course Learning Outcomes**

1. To gain knowledge of resource management in agribusiness.
2. To enable to analyze and make decision of resource management in agribusiness.
3. To enable to apply knowledge gained to resource management in agribusiness.

Course Description

Concepts and principles of resource management in agribusiness; organization and management; economics for management; marketing, financial, procurement, production/operations, logistics and human resource management; making agribusiness plans; taking into account of business integration and value chain in agribusiness; ethics and responsibility in management and sustainable resource management in agribusiness.

95725 Innovation in Agribusiness**(6 credits)****Course Learning Outcomes**

1. Gain knowledges in Agribusiness's innovation.
2. Abilities to analyze and making decision in Agribusiness management's innovation.
3. Abilities to apply innovation's knowledges in Agribusiness.

Course Description

Conception of innovation in Agribusiness, Management process in creation of value added, in product differentiation and enhance the ability to compete of the organization, law and measures concerning with the innovation framework, agribusiness and creative economics in innovations, adaptation of innovation in agribusiness managements, which emphasize on economics value and also responsible for social and environment.

95726 Resource Management for Forestry and Environment**(6 credits)****Course Learning Outcomes**

1. To provide students' knowledge concerning forest resources and management.
2. To provide students' knowledge on forest resources and management for conservative and economics aspect.
3. To provide students' knowledge on the guidelines for forest resources management and environment.
4. To enable students to integrate the knowledge of sustainable management for forest resources and environment.

Course Description

Knowledge concerning forest resource and management, fundamental of forest management for economics social and environment, ecosystem management, forest certification, evaluation of forest and environment values, financial analysis and investment for forest and environment, etc. forest resource management for specific purposes including moral and ethics for resource management for forest.

95727 Administration for Forestry**(6 credits)*****Course Learning Outcomes***

1. Having knowledge about theories and principles of administration, public administration, business administration, and project management.
2. Having knowledge about the principles of economics for decision making.
3. Having knowledge about forest policy, policy-driven, laws and regulations related to forest administration.
4. Capability to apply knowledges for forest administration.

Course Description

Theories and principles of administration, public administration, business administration, and forest project. Economics and the other fields for decisions making about forest administration. Administration guidelines for public forest management, forest project management, forest business management, and community forest management. Forestry policy and a policy-driven, laws and regulations related to forest administration. Case studies of the various aspects of forest administration.

95728 Knowledge Management for Forest Resource and Environment Management**(6 credits)*****Course Learning Outcomes***

1. Having Knowledge about knowledge management related to forest resources management and environment.
2. Able to research, analyze, and synthesize content on interested issues related to forest resources management and environment.
3. Having experiences and skill on academic writings related to forest resources management and environment.
4. Having knowledge and experience in academic presentations related to forest resources management and environment.

Course Description

Knowledge management related to forest resources management and environment. Guidelines for setting topic study, research, analyze, and synthesize on academic information. Writing and publishing academic papers related to forest resources management and environment. Preparation of media for presentations and presentations in conferences. Discussion on issues related to forest resources management and environment, moral, ethics, and academic ethics.

Note: This course is required for those who want to have at least 15 credits in the resource program for animal production.

95729 Basic Knowledge in Agriculture**(6 credits)*****Course Learning Outcomes***

To give students knowledge of agriculture, forest resource and environment.

Course Description

Thai and world agriculture, agricultural economy, agricultural resource, ecological system of agriculture, technology and management in agriculture, forest resource and environment and agribusiness.

95794 Thesis (Agricultural Resources Management)**(12 credit)*****Course Learning Outcomes***

1. To be able to select research problems for a thesis.
2. To be able to survey and analyze literature related to the thesis.
3. To be able to design research for the thesis.
4. To gain knowledge and skill in writing and presenting the thesis proposal.
5. To be able to develop quantitative research tools.
6. To be able to develop qualitative research tools.
7. To be able to collect, analyze, and present data for the thesis.
8. To be able to present and defend the thesis examination.
9. To be able to write the complete thesis report.
10. To be able to write the research report for publication.

Course Description

Selection of the research problem; survey and analysis of relevant literature; research design; writing and presenting a thesis proposal; tool development for thesis research, both quantitative and qualitative research; data collection; thesis data presentation; thesis presentation and examination defending; writing the complete thesis report; writing the research report for publication.

95795 Independent Study**(6 credits)*****Course Learning Outcomes***

1. To give students skills and experience in using the educational system and research to find knowledge about agricultural resources management.
2. To enable students to study and research problems in agricultural resources management.

Course Description

Structure and forms of independent study; selecting research topics in the field of agricultural resources management; researching a problem; writing project proposals; presenting a project; reviewing the literature; data collection; data analysis; writing a report and presenting research or study findings.

**95796 Graduate Professional Experience in Agricultural
Resources Management**

(6 credits)

Course Learning Outcomes

1. Increase knowledge Skills and experience in agricultural resource management.
2. Personality development, leadership and ability to work together.
3. Strengthen morality and ethics in the profession.

Course Description

Integration of agricultural resources management knowledge for professional application; analysis skills for specific areas of agricultural resource management; developing one's personal characteristics and attitudes for work in agricultural resources management; developing leadership; strengthening human relations skills and teamwork; developing agricultural resource management skills; promoting morality and professional ethics.

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