

COURSE DETAILS

Doctoral Degree

91901 Advanced Agricultural Extension and Development

(6 credits)

Course Learning Outcomes Upon completion of the course, students should:

1. Analyze, synthesize, and process knowledge regarding concepts, philosophy, theories, and principles of agricultural extension and development.
2. Apply concepts, philosophy, theories, and principles in agricultural extension and development work.

Course Description

Theories, philosophy, principles of agricultural extension and development, and analytical approach about agricultural extension and development; human behavioral theories; volunteering change; learning; knowledge management; communication; media and technology in agricultural extension and management; theories related to agricultural extension and development management; planning and evaluation of agricultural extension and development project; human resource development, organizational development along with self-sufficiency economy philosophy and agricultural competition in global market.

91902 Advanced Research in Agricultural Extension and Development

(6 credits)

Course Learning Outcomes Upon completion of the course, students should:

1. Have ability to analyze agricultural extension and development contexts in order to determine the research problems.
2. Have ability to understand advanced research method for agricultural extension and development research.
3. Have ability to select appropriate research forms for agricultural extension and development.
4. Have ability to adapt, analyze, synthesize, and create knowledge from agricultural extension and development research.
5. Have ability to disseminate research results for application in agricultural extension and development.

Course Description

The analysis of agricultural extension and development contexts; advanced research method; determination of research problem; forms of research including quantitative research, qualitative research and mixed methods research; research and development of innovations and models; synthesis; creation of advanced knowledge in agricultural extension and development by conducting research; dissemination and application of research results; strengthening and capacity building of agricultural extension and development personnel to be able to conduct and apply the research.

91903 Advanced Statistics in Agricultural Extension and Development Research

(6 credits)

Course Learning Outcomes Upon completion of the course, students should:

1. Describe and determine appropriate statistics with research form and type of research information in agricultural extension and development.
2. Create and analyze research data in agricultural extension and development by using appropriate computerized program package with various types of statistics.
3. Interpret and describe data analysis results of research in agricultural extension and development.

Course Description

Consideration and determination of appropriate advanced statistics with types of research and data in agricultural extension and development; application of computerized program package in result processing along with the interpretation of the results of research data analysis in agricultural extension and development; important statistics for researches in agricultural extension and development including statistics for checking and testing of research instruments; comparison of data; correlation of data; non-parametric statistical analysis and multivariate analysis.

91904 Issues in Agricultural Extension and Development

(6 credits)

Course Learning Outcomes Upon completion of the course, students should:

1. Determine issues and problems in agricultural extension and development.
2. Analyze concepts, theories, and principles of agricultural extension and development related to issues and problems.
3. Analyze and create knowledge to solve problems in agricultural extension and development.
4. Create knowledge exchange and connecting to agricultural extension and development.

Course Description

The analysis, synthesis, situation, changes of Thailand and international agricultural work conditions; application of concepts, theories, and principles of agricultural extension and development in the improvement of agricultural extension and development to be in line with the changes; application of concepts, theories, and principles in agricultural extension and development to create knowledge for problem solving in agricultural extension and development; presentation and transfer of new knowledge in agricultural extension and development; target groups through various communication channels.

91998 Dissertation (Agricultural Extension and Development)

(36 credits)

Course Learning Outcomes Upon completion of the course, students should:

1. Determine problems, plan the research, review literatures, and design the dissertation.
2. Present dissertation project, prepare the dissertation, and conduct the dissertation.
3. Conduct the analysis, synthesis, and application for dissertation presentation.
4. Create dissertation report and defense the dissertation.
5. Produce and work on having a paper or part of dissertation to be accepted for publication in renowned national or international journals.

Course Description

Research problem determination; research planning; reviewing related literatures; research design regarding population and sample selection and the measurement of dissertation project variables; creation and presentation for dissertation project approval; development of research instrument; quality testing of instruments and data collection; data analysis, data interpretation, and analysis result presentation; conclusion presentation; result discussion and suggestions; writing research report; dissertation defense; dissertation dissemination by production and the work on having a paper or part of dissertation to be accepted for publication in renowned national or international journals.

91999 Doctoral Professional Experience in Agricultural Extension**(6 credits)****and Development**

Course Learning Outcomes Upon completion of the course, students should:

1. Gain knowledge and experience in addition to the distance teaching-learning system.
2. Develop appropriate personality and have positive attitude towards occupation in agricultural extension and development.
3. Develop academic leadership in the field of agricultural extension and development.
4. Have human relationship and group-working ability.
5. Develop the leadership skill for effective solving problems in agricultural extension and development.
6. Gain morality, loyalty, and ethics appropriate to occupation.

Course Description

Analysis of important issues of agricultural extension and development; exchanges of visions and experiences in conducting activities of agricultural extension and development; personality development and positive attitude for working in agricultural extension and development; development of human relationship and group-working ability; Develop the skills for solving problems in agricultural extension and development; morality, loyalty, and ethics for working in agricultural extension and development.

Last updated: 21-July-2023