

COURSE DETAILS

Doctoral Degree

20905 Advanced Research Methodology

(6 credits)

Course Learning Outcomes: To enable students

1. Gain understanding and skills in using advanced research methodology.
2. Analyze data using both quantitative and qualitative methods.
3. Apply knowledge in advanced research methodology to conduct educational research.

Course Description

Advanced research methodology and educational research process focusing on interdisciplinary research, mixed methods research employing quantitative and qualitative methods, policy research, research design for testing interaction effects, causal relationship research, longitudinal research, evaluation research, future research, content analysis, qualitative data analysis, multivariate analysis, choosing appropriate statistics, quantitative and qualitative research synthesis, and research evaluation.

20997 Intensive Seminar on Doctoral Professional Experience in Education

(non-credit)

Course Learning Outcomes: To enable students

1. To be able to develop personality, leadership skills and problem solving ability.
2. To be able to enhance human relationship and work performance ability.
3. To have virtues, morality and professional codes of ethics.
4. To be able to develop analytical thinking, synthesize thinking and planning based on academic principles.
5. To be able to develop the skills for integration of academic knowledge theories for professional development and academic and professional leadership.

Course Description

The vision of educators; the analysis and management of educational system; self-development to have appropriate personality and good professional attitudes; the promotion and development of professional leadership; the enhancement of human relationship; the development of professional problem solving skills; and the promotion of virtues, morality and professional codes of ethics in education.

Remarks: There are evaluations of the Intensive Seminar on Doctoral Professional Experience in Education, but the evaluation results are not included in calculation of the cumulative credit hours

22995 Dissertation (Curriculum and Instruction)**(36 credits)****Course Learning Outcomes:** To enable students

1. To be able to search, review and analyze literature related to research problems in order to determine conceptual framework of research and prepare dissertation proposal.
2. To design and develop research instruments for collection of research data.
3. To design and undertake research data collection and research data analysis.
4. To prepare the research report and disseminate the research results.
5. To have virtues, morality and codes of ethics in research.

Course Description

The determination of educational problems and planning on educational research; the search, review and analysis of related literature in order to determine the conceptual framework of research for dissertation; the research design; the research sample determination; the design of measurement of variables; the development of research instruments; the design of data analysis; the establishment of research project concepts for dissertation; the construction of research instruments; the quality verification of research instruments; the data collection; the data analysis; the presentation of data analysis results; the research conclusion, discussion and recommendations; the preparation and presentation of articles for dissemination of research results; the compilation and presentation of a complete research report; the dissemination of dissertation work; and the possession of virtues, morality and codes of ethics in research.

27902 Seminar on Issues Related to Educational Technology**(6 credits)****and Communications****Course Learning Outcomes:** To enable students

1. To be able to analyze and synthesize the scope of educational technology and communications at present and in the future.
2. To be able to create knowledge obtained from the synthesis of educational technology and communications.
3. To be able to select appropriate educational technology and communications to be applied to Thai education.
4. To be able to determine guidelines for research in educational technology and communications.

Course Description

The analysis of the scope of educational technology and communications in the aspects of the organization and design of educational system, educational behaviors, educational methods, educational communications, educational environment, educational management, and educational evaluation that are applied in educational management of the formal school system, non-formal and informal education system at present and in the future based on the principles, concepts and theories of educational technology and communications and related theories in order to obtain the body of knowledge on educational technology and communications leading to research issues.

27904 Concept and Theories in Educational Technology and Communications (6 credits)**Course Learning Outcomes:** To enable students

1. To be able to analyze and select theories related to educational technology and communications or theories on educational technology and communications.
2. To be able to synthesize the theories to create work outcomes based on the theories in order to obtain the new body of knowledge.
3. To be able to take the obtained theories to be applied in education in the form of research work.
4. To have virtues, morality, and professional codes of ethics in taking the concepts and theories to be applied in research on educational technology and communications.

Course Description

The analysis and synthesis to develop theories on educational technology and communications by the accumulation of theories related to educational technology and communications; the selection of theories appropriate for educational technology and communications; the connection of many theories together to find guidelines for creating work outcomes based on those theories; the application of those theories for utilization in education; and the dissemination of those theories for acceptance.

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