

## 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

**22902 Seminar on Issues Related to Curriculum and Instruction****(6 credits)****Course Learning Outcomes:** To enable students

1. To acquire knowledge and understanding of general issues related to Curriculum and Instruction.
2. To acquire knowledge and understanding of Content related to Curriculum and Instruction.
3. To analyze and synthesize Concepts, theory and principles of Curriculum and Instruction.
4. To apply concepts, theory and principles of Curriculum and Instruction to use in Educational Management.
5. To gather Issues related to Curriculum and Instruction.
6. To determine Issues related to Curriculum and Instruction.

**Course Description**

The general issues related to Curriculum and Instruction, types of content related to Curriculum and Instruction, principles and process analysis of issues related to Curriculum and Instruction, the application guidance along with the development of theory and principles on Curriculum and Instruction.

**22904 Concepts and Theories Related to Curriculum and Instruction****(6 credits)****Course Learning Outcomes:** To enable students

1. To acquire knowledge and understanding of concepts and theories relating to curriculum and instruction.
2. To be able to apply concepts, theories, and principles to analyze and synthesize works relating to curriculum and instruction.
3. To be able to apply concepts and theories in line with the educational reform that emphasizes analysis and synthesis of the overall works in curriculum and instruction at national, regional, and local levels.

**Course Description**

Concepts and theories relating to curriculum and instruction, background and development of critical concepts and theories in curriculum and instruction. Analysis of philosophy, concepts, economic fundamentals, and society affecting all aspects of human development. Linking educational principles, and curriculum and instruction principles based on global and Thai ways of thinking. Criticism, trends, and predictions of the future vision of the educational system, Thai and international curriculum and instruction, emphasizing the analysis and synthesis of the whole system of national educational management, and curriculum and instruction.

**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.

**Last updated: 21-July-2023**

