## **Dept. of Education**

The Department of Education provides students with an overall understanding of education and enables them to study academically in depth by selecting detailed majors such as educational administration and continuing education-HRD major, educational psychology, counseling, and educational measurement and evaluation major, creative convergence educational engineering and curriculum major, and multicultural and unification education major. In addition, courses that can appropriately respond to the trend of the times have been established to enable students to read and respond to the modern trend of education. The program will produce educational professionals such as educational administrators, continuing education specialists, counselors, and curriculum designers who have insight into education and have the ability to set the right direction and provide answers to various educational program separately from the existing master's and doctoral programs to add academic depth and provide a wide range of choices for those seeking graduate education.

To cultivate professional research skills and creativity as an educational scientist, which are essential for empirical scientific inquiry and normative research on educational phenomena, and to develop the ability to build educational science in daily life by combining various laws and theories on complex educational phenomena with educational practice. In addition, students will develop their teaching and social service abilities as scholars majoring in education.

#### □ Educational Administration & Lifelong &HRD Education Major

This course aims to lay the theoretical foundation for educational administration by studying and exploring the theory and practice of educational administration, as well as to train and retrain educational administrators and educational administrators, and to provide direction for the establishment of Korean educational policies. It also aims to foster experts and scholars in continuing education and HRD by exploring the theory and practice of continuing education and HRD, which have recently been emphasized in various fields of society, including not only schools but also companies and communities, and by analyzing in-depth the national continuing education system and policies.

# □ Educational Psychology & School Counseling & Educational Measurement and Evaluation Education Major

To understand various psychological characteristics of learners and problems found in the teaching and learning process, and to help them grow into self-regulated learners through individual, group, and school interventions. To enhance understanding of human growth and development, acquire theoretical and technical knowledge of counseling, and strengthen practice to develop qualities and competencies as a professional in learning counseling and

school counseling (Certifications: Korean Counseling Association, Korean Counseling Psychology Association, Youth Counselor, Korean Educational Psychology Association, Learning Consultant).

Educational Measurement Evaluation is a master's and doctoral program that provides education to understand educational phenomena more deeply by systematically analyzing and interpreting various educational phenomena that occur in the educational field. It aims to foster advanced talents who can efficiently and effectively utilize and implement various statistical techniques to approach and understand educational phenomena more objectively.

#### ☐ Creative Convergence & Educational Technology Major

The Creative Convergence Educational Technologymajor studies the theories and practices of analyzing the diverse needs of individuals and organizations, as well as learners and their environments, in order to propose pedagogical and comparative solutions to problems related to human learning and performance. It explores the design, development, implementation, and evaluation of alternatives through creative and convergent approaches using educational technology (EdTech).

#### ☐ Multicultural and Unification Integration Education

The main goal of the program is to train educational researchers who can reflect both reunification and integration by dividing the program into three parts: education in preparation for reunification, education on the rationale and process of reunification, and education related to the educational system and implementation of education after reunification. The program aims to broaden and specialize the capabilities of researchers needed for education in a unified Korea by comprehensively reflecting social needs, graduate student needs, and academic preparation of the department.

#### ■ Courses

#### □ Common to all majors

#### • Research Ethics & Thesis Study(3)

This course addresses the ethical situations that may arise during educational research, helping students to anticipate and prepare for them. Students will learn international research ethics regulations, helping to prevent academic misconduct such as plagiarism and understand the importance of ethical decision-making.

#### Educational Administration & Lifelong & HRD Education Major

#### Theory of Educational Administration(3)

This course explores various theories of educational administration from task-centered, human-centered, behavioral scientific, and systems-centered perspectives, aiming to develop students' ability to apply these theories in educational settings.

#### Educational Planning(3)

Educational planning, the first step in educational administration, involves designing the future of the educational system and school organizations. This course focuses on the foundational theories of educational planning and their practical application.

#### · Educational Policy Analysis & Evaluation(3)

This course examines major educational policies in Korea, analyzing the policy formation process and conducting pre- and post-policy evaluations using various methodologies.

#### Educational Law(3)

This course provides a comprehensive analysis of the legal foundations necessary for education, identifying problems and exploring solutions.

## · Study in School Management(3)

This course introduces theoretical approaches to school management and provides an overview of general models and management techniques. It concludes with an analysis of school management processes.

#### · Organizational Development in School(3)

This course explores the dynamics and interrelationships of variables within large, complex school organizations, aiming to improve organizational health and enhance organizational effectiveness.

#### · Educational Leadership Development(3)

This course enables students to understand the concept of educational leadership, compare and analyze different types of leadership, and resolve conflicts in the educational community to propose future-oriented solutions.

#### · Researches in Educational Administration(3)

This course examines recent domestic and international research in educational administration, identifying research trends and exploring the future direction of the field.

#### · Seminar on Educational Problems in Administration(3)

This course focuses on identifying and discussing current issues in educational administration, analyzing their causes and proposing solutions.

#### Practicum in Educational Administration(3)

This course provides hands-on experience in educational administration, analyzing issues and tasks, and developing solutions to improve both the quality and quantity of education.

## · Human Resource Management in Education(3)

This course investigates the theory and research trends related to the rational selection, placement, and management of educators.

#### · Seminar in Lifelong Education and Human Resource Development(3)

This course focuses on key areas in lifelong education and human resource development, such as organizational development theory, adult learning theory, and lifelong education policy. It encourages students to plan and implement research based on in-depth discussions of specific topics.

#### · Theoretical Foundation of Lifelong Education(3)

This course explores the concept, ideals, and purposes of lifelong education, its development, and the relationship between theory and practice in lifelong education research, including an analysis of lifelong education in Korea.

#### · Trends & Issues in Human Resource Development(3)

This course examines the latest trends in human resource development, helping students to identify research areas and topics. It also analyzes the practical phenomena occurring in the field of human resource development.

#### · Adult Learning Theories and Methods(3)

This course delves into theories and research on adult learning, equipping students with the foundational knowledge to apply these theories in adult education practices in communities, industries, and universities.

#### · Dissertation Seminar in Educational Administration & Lifelong Education(3)

This course guides students in writing dissertations in educational administration and lifelong education, focusing on research topics, theoretical frameworks, and methodologies.

#### · Program Design for Lifelong Learning(3)

This course explores the foundational theories of program development for adult learners and examines practical issues in creating programs that align with their psychological, affective, and physical characteristics.

#### · Life Cycle and Career Design(3)

This course explores career design theories across life stages and empirical research, helping students develop theoretical and practical competencies for career planning throughout their lives.

#### · HRD Consulting and Career Development Planning(3)

This course examines the conceptual frameworks and methodologies of HRD consulting, with a focus on career development theories and practical approaches in HRD consulting.

#### · Lifelong Learning and HRD Program Evaluation(3)

This course explores comprehensive evaluation models for lifelong learning programs, covering input, process, and outcomes in community, school, industry, and government sectors, applying them to real research.

## Educational Psychology & School Counseling & Educational Measurement and Evaluation Education Major

#### · Contemporary Theories of Counseling and Psychotherapy(3)

This course explores globally widespread counseling and therapy theories, focusing on their basic concepts, principles, techniques, and processes.

#### · Advanced Developmental Psychology(3)

This course examines classical and contemporary developmental psychology theories, covering topics like life-span development and the impact on healthy growth and psychological well-being.

#### · Psychological Assessment(3)

This course introduces the theoretical attributes and measurement methods of self-report psychological tests used in counseling and educational settings, and includes training in various assessment techniques.

#### · Personality and Psychological Adjustment(3)

This course explores personality psychology theories, the causes and characteristics of diverse behavioral issues in modern society, and intervention strategies for psychological adjustment.

#### Group Counseling(3)

This course provides a comprehensive understanding of group counseling, covering basic concepts, key theories, stages of group counseling development, and practical implementation.

#### · Parent Education and Family Counseling(3)

This course examines various theoretical models and effective techniques in family therapy, focusing on family dynamics surrounding problematic behaviors.

#### · Various Therapeutic Approaches in Counseling Settings(3)

This course introduces diverse media therapies and contemporary counseling theories used in mental health services, evaluating their effectiveness in addressing psychological health issues.

#### · Development and Practice of Academic Counseling Programs(3)

This course involves developing individual and group counseling programs that can be applied in school and counseling settings, enhancing scientific and practical counseling competencies.

#### Psychopathology(3)

This course provides an overview of mental health issues and abnormal behaviors (e.g., delinquency, violence, addiction) during adolescence, examining intervention methods.

#### · Seminar in Counseling Psychology(3)

This course reviews recent topics in counseling psychology and collaborates with external professionals to strengthen research competencies through realistic research practices.

#### · Counseling and Consulting for Academic Achievement(3)

This course develops programs aimed at improving students' academic, emotional, and motivational challenges, incorporating consulting methods for teachers and parents.

#### · Counselor Education and Supervision(3)

This course involves analyzing case studies of counseling programs and providing guidance on counseling processes, techniques, and ethics to promote professional development.

#### · Career Development and Counseling(3)

This course helps students explore career paths by assessing personality, abilities, and interests, and prepares them to effectively allocate human resources in society.

#### · Independent Study(3)

This course supports students in selecting individual research topics, preparing research plans, and conducting regular discussions with faculty to enhance their thesis work.

#### · Basic Statistics for Educational Research(3)

This course introduces basic statistical techniques such as descriptive statistics, hypothesis testing, t-tests, regression analysis, and correlation, using SPSS software for educational research

#### · Intermediate Statistical Methods for Educational Research(3)

This course covers advanced statistical techniques, including regression analysis and variance analysis, allowing students to apply these methods to prepared data sets.

#### · Construction and Use of Evaluation Instruments(3)

This course focuses on developing and using measurement tools to assess psychological factors, introducing the statistical procedures necessary for tool creation and implementation.

#### · Item Response Theory(3)

This course explores test and survey design, scoring, and the assessment of latent abilities, using item response theory to analyze measurement tools.

#### · Multivariate Analysis of Variance(3)

This course introduces multivariate statistical analysis techniques such as multivariate normal distribution, factor analysis, and canonical correlation analysis.

#### Hierarchical Linear Modeling(3)

This course explores hierarchical linear models used in education and social sciences, emphasizing interpretation and application in longitudinal studies.

#### · Test Theory(3)

This course examines item difficulty, discriminative power, and the prediction of learners' abilities based on psychometric theory.

#### · Structural Equation Models(3)

This course introduces structural equation modeling, allowing students to apply the technique to prepared data sets and analyze complex relationships.

#### Seminar on Educational Psychology(3)

This course provides an in-depth review of the major theories and current research trends in educational psychology and explores their application to educational practice. Through seminar-style discussions centered on key topics such as learning, motivation, development, and cognition, you will strengthen the links between theory and practice and deepen your skills in educational psychological inquiry.

#### · Counseling of Delinquency and Maladjustment(3)

The aim is to explore counseling strategies that can effectively address the psychological and social challenges arising from excessive use and problematic behaviors, while gaining a deeper understanding of human behavioral traits in an Al-driven environment.

## · Understanding and Education of Learning Difficulties and Learning Disabilities(3)

This aims to provide an in-depth understanding of the definitions, causes, characteristics, and types of learning difficulties and learning disabilities, while exploring educational interventions. It also focuses on effective teaching and learning strategies from both special education and inclusive education perspectives, with an emphasis on case-based applications.

#### · Research and Application of Learning Psychology(3)

This involves reviewing learning theories and the theoretical foundations that influence learning, with a particular focus on current key issues related to student motivation in educational settings, including schools. The goal is to explore strategies that can promote enhanced learning outcomes.

#### • Creative Convergence Education Engineering and Curriculum Major

#### · Qualitative Research in Curriculum Studies

This course introduces students to qualitative research methods in educational studies, guiding them through theoretical and practical aspects of curriculum research, including hands-on experience in conducting qualitative research.

#### · Advanced Seminar on Curriculum Studies(3)

This seminar explores recent journal articles in curriculum studies, focusing on the latest research trends and providing guidance for students in writing their theses.

#### · Classics in Education(3)

This course examines classical educational works from both Eastern and Western perspectives to deepen students' understanding of educational philosophy and humanistic research.

#### · Education and Knowledge(3)

This course addresses the epistemological discussions surrounding knowledge in education, combining individual and social epistemology to enhance students' philosophical understanding of education.

#### · The Philosophy of Curriculum(3)

This course explores key philosophical texts in curriculum theory by major theorists such as Dewey and Peters, encouraging students to develop their own curriculum philosophy through reading and discussion.

#### · Future Education Research(3)

This course explores in-depth the qualities and competencies that individuals should possess in the rapidly changing 4th and 5th Industrial Revolution era, as well as the desirable state of knowledge and skills that future talents should acquire. It also analyzes the areas that need to be addressed in the current school curriculum and seeks appropriate teaching and comparative alternatives and solutions to meet these needs.

#### · Seminar in Instructional Design Technology(3)

This seminar explores contemporary issues and research trends in instructional

#### · Artificial Intelligence & Education(3)

This course provides a comprehensive discussion on the various characteristics and aspects of artificial intelligence, as well as its impact on human education. Through the utilization of various AI software, it deeply analyzes how artificial intelligence can influence human learning and education. Additionally, it conducts foundational research for designing educational AI programs.

#### · Application of Teaching and Learning Theory(3)

This course studies the various perspectives and positions of behaviorism, cognitivism, and constructivism theories that explain the causal relationship between human teaching-learning processes and outcomes. Based on these theories, students acquire the knowledge and skills necessary to effectively and efficiently design human learning processes.

### · Cognitive Science Based Instructional Design(3)

This course examines theories of cognitive science, such as cognitivism and constructivism, and the instructional design models applied based on these theories. It analyzes learning tasks, research processes, and outcomes applied in real-world settings to explore both the theories and practices related to human cognitive processing and outcomes. Additionally, students are encouraged to apply these concepts to individual research projects and specific learners.

#### · Qualitative Research in Curriculum Studies(3)

For graduate students in education, it is important to have expertise in research methods, whether conducting quantitative or qualitative research. This course explores how qualitative research is conducted across various subfields of education, using textbooks written by scholars from diverse areas of education. At the same time, students will gain hands-on experience in applying qualitative research methods while working on their final projects.

#### · Design & Development of Instructional Systems(3)

Under the guidance of the instructor, students will select research topics related to computers, multimedia, distance education, and various teaching programs that interest them. Based on theoretical backgrounds, they will design and develop curricula and teaching systems to identify research problems related to their chosen topics.

#### · Research in Adaptive Instructional Systems(3)

Based on the learners' abilities, aptitudes, career paths, social and individual needs, and academic differences, this course explores the characteristics, goals, design methods, and implementation strategies of curricula that are selectively applied to different groups of learners. It focuses on designing learner-centered, personalized curricula and teaching systems based on recent learning theories.

### · Creativity and Problem Solving(3)

This course explores various theories aimed at fostering creativity, creative thinking, and creative problem-solving skills. Through the analysis of prior research, it aims to establish a theoretical foundation for studies related to creativity and creative problem-solving.

#### · Convergence Education Design(3)

This course aims to design practical creativity-convergence educational programs and conduct formative assessments based on various educational models, theories, and programs that emphasize integration. The programs will focus on a specific subject or target chosen by the learners.

#### · Seminar in Creativity Convergence Education(3)

This course aims to critically analyze and evaluate various studies that emphasize creativity and integration, focusing on specific subjects, topics, problems, or cases.

## · Creative Convergence Methodology(3)

This course focuses on understanding the definition and core competencies of creative-convergent talents, and explores educational approaches and teaching-learning strategies to foster these qualities. It emphasizes practical instructional design techniques aimed at developing integrative thinking, problem-solving skills, and self-directed learning, while seeking ways to apply these approaches in real educational settings.

#### · STEAM Curriculum(3)

Students will learn the theoretical foundations and curriculum design principles of STEAM education and analyze actual curriculum examples. Students will strengthen their teaching and learning design capabilities to foster creative thinking and problem-solving skills through the convergence of science, technology, engineering, art, and math.

#### · Creative Convergence Methodology(3)

This course examines a range of theoretical models and educational approaches for cultivating creative-convergent individuals, while also exploring practical strategies for planning and implementing evidence-based programs. It further develops teaching and learning strategies aimed at fostering the integrated development of creativity, critical thinking, and problem-solving skills.

#### o Multicultural and Reunification Education Major

#### · Theories of Reunification Education(3)

This course focuses on a wide range of educational policies and educational directions required in a unified country. Students pursue fundamental learning about reunification by reading existing research and works.

#### · Civic Education for Reunified Korea (Civic Education for Reunified Korea(3)

The key to a unified Korea will be competent citizens with new skills. Thiscourse examines the characteristics of citizens and the contents and methods of civic education required in light of the special characteristics of a reunified Korea.

#### · Korean Reunification and Educational Policy(3)

Students will learn about the policy issues that need to be addressed in thefield of education after the reunification of Korea, taking into consideration theproblems of educational reality. In particular, students will learn how to writegovernment documents from the Ministry of Education and discuss educationalissues in the reunified country from the perspective of actual policy makers.

## • Reunification Education Methods and Practice (Reunification Education Methodsand Practice(3) As it is important for reunification education to be implemented in the rightway in schools,

this course focuses on the teaching and learning methods and practices of reunification education and reunification education.

#### · Research in Reunification Education(3)

Research on reunification requires a comprehensive perspective from variousfields, from policy to theory and philosophy. In this course, students will reviewresearch in the field of reunification education and learn about research methodsand strategies for future students based on knowledge of research trends.

#### · Seminar on Reunification Education(3)

This course explores various topics related to Korean reunification andeducation, providing students with the opportunity to enhance their subject and content expertise.

#### · Questions in Classical Character Education(3)

This course explores the philosophical foundations of character education, focusing on questions about human beings and character raised in the classics of the East and West. This course examines the contemporary significance and educational implications of classical thought and explores the practical application of character education based on an integrated view of character education.

#### ☐ Faculty Members

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