

College of Education

__Contact Information

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URL:<http://education.jnu.ac.kr>

- Department of Education
- Early Childhood Education
- History Education
- Geography Education
- Ethics Education
- Korean Language Education
- English Language Education
- Mathematics Education
- Physics Education
- Chemistry Education
- Biology Education
- Earth Science Education
- Home Economics Education
- Music Education
- Physical Education
- Division of Special Education

Department of Education

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URL: <http://educate.jnu.ac.kr>

■ Overview

The Department of Education at the heart of Chonnam National University aims to educate students to be 1) qualified secondary school teachers, 2) competitive researchers and practitioners of secondary education, higher education, industrial education and lifelong education, and 3) highly competent researchers of educational research institutes. To achieve these ends, the department teaches students foundational knowledge and theories to understand and improve educational practices, as well as professional methods to study, design and develop the alternatives. The department puts emphasis especially on enhancing students' ability to logically and scientifically analyze and solve the problems which occur in schools, colleges, companies and lifelong education settings. The department offers students core courses and electives in the areas of educational philosophy, educational history, educational sociology, curriculum development, educational psychology, school psychology, counseling psychology, pedagogy, educational technology, educational evaluation, educational administration, etc. In addition, the department tries to help students adapt to school life, achieve their educational goals, and learn social leadership through various extra-curricular activities such as mentoring programs, learning and career counseling, supervisory programs, voluntary services for communities, and so on.

Undergraduate students can get a teacher's certificate of Educational Study, a high school elective subject after completing all the requirements of the department. Students also can choose other areas of study as their double major in order to get another teacher certificate. Many graduates of the Department of Education are employed as secondary teachers, central or local government officers, college professors, researchers, educational administrators, counselors, instructional designers, etc. Some graduates advance their education by pursuing a master's and/or a doctoral degree in the department.

■ Professors

- Hoisoo Kim, Ph.D.
[Professor, Educational Technology,
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- Sichang Yum, Ph.D.
[Professor, Educational Evaluation,
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- Hyeonsook Shin, Ph.D.
[Professor, Educational Technology,
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- Min-ho Yeom, Ph.D.
[Professor, Educational Administration,
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- Jeeheon Ryu, Ph.D.
[Professor, Educational Technology,

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- Sung-Hyun Cha, Ph.D.
[Professor, Educational Finance,
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- Ju Ri Joeng, Ph.D.
[Associate Professor, Counseling Psychology,
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- Jumi Lee, Ph.D.
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- Eun-young Hong, Ph.D.
[Associate Professor, Philosophy of Education,
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- Haram Jeon, Ph.D.
[Associate Professor, Sociology of Education,
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- Ji Hae Lee, Ed.D.
[Assistant Professor, Counseling Psychology,
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- Kyunghee Shin, Ph.D.
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- Robert Otto Davis, Ph.D.
[Assistant Professor, Educational Technology,
rdavis@jnu.ac.kr]

■ Degree Requirements

Students are required to earn 140 credits to graduate. In addition, students should pass a comprehensive examination.

■ What Do You Study?

■ Core Courses

Educational Psychology (3)
Sociology of Education (3)
Philosophy of Education (3)
Educational Administration (3)
Curriculum Theories and Practices (3)
History of Education (3)
School Counseling (3)
Instructional Technology (3)
Measurement and Assessment in Education (3)
Logical Thinking and Essay Writing in Education (2)
Practical Affairs for the Teaching Profession (2)
Teaching Children with Learning Disabilities (2)
Education Volunteer Service (2)
Student Teaching Internship (2)

School Violence Prevention and Understanding of Students (2)
Instructional Theory of Education (3)
Design and Development of Instructional Materials for Educational Studies (3)
Understanding Education (3)
English for Global Communication 2 (3)
Writing for Self-reflection and Communication (3)
Multimedia and Education (3)
Career Plan and Self Understanding (2)

■ Electives

Total: 94 credits

■ Minor Courses

38 credits should be taken.

Early Childhood Education

Contact Information

Phone: +82-62-530-2360

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URL: <http://ecedu.jnu.ac.kr/>

■ What is Early Childhood Education?

Early childhood education is defined as educational programs offered for young children under the age of six. Certified early childhood teachers work with young children and their families in kindergartens or child-care centers. The teachers are individuals who are trained and prepared for childhood development, early childhood curricula, parent education, and other content areas related to the education of young children.

■ Department of Early Childhood Education

Established in 1983, the Department has been committed to educating and preparing undergraduate students for teaching careers with professional knowledge, skills, and field experiences needed to become highly effective teachers for young children.

■ Professors

- Mi-Sook Choi, Ed.D.
[Professor, Child Development and Evaluation, mschoi@jnu.ac.kr]
- Kyung-Sook Kim, Ph.D.
[Professor, Early Childhood Inclusive Education, kim2366@jnu.ac.kr]
- Kyee-Yum Kwon, Ed.D.
[Professor, Early Childhood Teacher Education, kwon0301@jnu.ac.kr]
- Hyo-Jin Kim, Ed.D.
[Assistant Professor, Early Childhood Curriculum and Instruction, kimhyoj@jnu.ac.kr]
- Jeong-Ae Lee, Ed.D.
[Assistant Professor, Early Childhood Social Education, jalee2021@jnu.ac.kr]

■ Degree Requirements

Students are required to earn 150 credits to graduate.

■ What Do You Study?

■ Required Courses (minimum 45 credits)

- | | |
|------------------------------------|---|
| Curriculum (2) | Philosophy and History of Education (2) |
| Teaching Method and Technology (2) | Educational Assessment (2) |
| Educational Sociology (2) | Introduction to Education (2) |
| Educational Psychology (2) | Educational Administration and Management (2) |
| | Introduction to Early Childhood Education (3) |

Logic and Essay Writing in Early Childhood Education (2)
Teaching Children with Learning Disabilities (2)
Multimedia and Instructional Materials for Young Children (3)
Play & Play Therapy (3)
Curriculum in Early Childhood Education (3)
Education Volunteer Service (2)
Practical Affairs for the Teaching Profession (2)

Method of studying and Teaching Subject (3)
Instructional Practice in Early Childhood Education (3)
Student Teaching Internship (2)
Parent Education (3)

■ **Electives (minimum 27 credits)**

■ **Minor Courses (minimum 14 credits)**

■ **Careers**

Students who complete degree requirements may earn certificates for kindergarten teaching as well as child-care teaching. Most graduates work at kindergartens or child-care centers.

History Education

— Contact Information

Phone: +82-62-530-2370

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URL: <http://hisedu.jnu.ac.kr/>

■ What is History Education?

This program offers the subjects of history and history teaching methods to educate students to become history teachers or professional historians.

■ Major in History Education

The goal of this program is to provide students with various kinds of history courses, including those on Korean history, Asian history, and European history to help them become competent history teachers or professional historians.

■ Professors

- Young-Hyo Lee Ph.D.
[Professor, Western History/ History Education,
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- Young-Ok Lee Ph.D. in History
[Professor, Ming & Qing China,
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- Kyong-Tae Kim Ph.D. in History
[Assistant Professor, History of Chosun Dynasty,
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- Yeongkwang Jo Ph.D. in History
[Assistant Professor, Ancient Korean History,
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- Ji-Hye Shin Ph.D. in History
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■ Degree Requirements

Students are required to earn 150 credits to graduate, including 48 credits from core courses, 24 credits from electives, and 30 credits from liberal arts courses.

Students must also pass a graduation qualifying test and demonstrate proficiency in a foreign language.

Students will be issued a teacher's license when all requirements are satisfied.

■ What Do You Study?

■ Core Courses

Introduction to Education	Philosophy and History of Education
Educational Assessment	Curriculum
Educational Sociology	Educational Psychology
Educational Administration and Management	Teaching Methods and Technology
	Practical Affairs for the Teaching Profession

Student Teaching Internship
Education Volunteer Service
Teaching Children with Learning Disabilities
Theory and Practice of School Violence Prevention
Introductory Theory of History Education
Teaching of Readings in Western History
A Course on History Logic and Essay Writing
Teaching of Readings in Asian History
Research of Education Text and Teaching Method of History
Readings in Historical Sources
Introduction to Korean History
Introduction to History of East Asia
Introduction to Western History

■ Electives

Study of Korean History Texts
Seminar in Korean History Education
Topics in Korean History Education
Topics in Asian History Education
Topics in Western History Education

■ Careers

Graduates may become teachers in middle and high schools, as well as historians, curators, and journalists.

Pre-Modern History of Korea
Pre-Modern History of Europe
Diplomatic History of Korea
Ancient History of East Asia
Pre-Modern History of East Asia
Modern History of Europe
Ancient History of Korea
Medieval History of Korea
Socio-Economic History of Korea
Contemporary History of Europe
Contemporary History of Korea
Current Research Trends and Issues on Korean History
Modern History of East Asia
History of Historiography
Modern History of Korea
Interpretation of Korean Historical Documents
Cultural History of Korea
Intellectual and Cultural History of Korea
Contemporary History of East Asia

Geography Education

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■ What is Geography Education?

The principal purpose of geography education is to train educators in geography. The department especially focuses on teaching students to comprehend living space on the earth through basic concepts and theories, and to embody knowledge and behaviors desirable for secondary school education. Students who will be future teachers in geography are trained with geographical knowledge about places and locations, regions and spatial interactions, and relationships between human and natural environments. Democratic and patriotic citizenship is also encouraged through a balanced geography education - objective rather than subjective.

■ Major in Geography Education

Students become educated in geographical contents, research, and teaching methods proper for the geography education for secondary schools, and have opportunities and abilities to advance to upper echelons of educational institutions and graduate schools.

Students pursue theoretical matters and other practical phenomena skills as well, usually with field experience that is offered twice a year.

■ Professors

- Jin-Kwan Kim, Ph.D.
[Associate Professor, Physical Geography, Geomorphology, jinkwankim77@gmail.com]
- Su-Jeong Kim, Ph.D.
[Assistant Professor, Urban and Cultural Geography, sjkim108@jnu.ac.kr]
- Kyong-Hwan Park, Ph.D.
[Professor, Social and Economic Geography, kpark3@gmail.com]
- Yong-Gyun Lee, Ph.D.
[Professor, Regional and Population Geography, yonggyunlee@hanmail.net]

■ Degree Requirements

Students are required to earn 150 credits, with 45 from core courses, 27 from electives, and 24 from liberal arts courses.

Students are required to write a bachelor's thesis and to demonstrate computer and foreign language proficiency. Students will be issued a teacher's license when all but the computer proficiency requirement are satisfied.

■ What Do You Study?

■ Core Courses

Introduction to Education
Philosophy and History of Education
Geography Education in Contemporary Society
Understanding of Physical Geographic Environment
Educational Sociology
Educational Psychology
Teaching Children with Learning Disabilities
Education of Geomorphology
Educational Assessment
Educational Administration and Management Curriculum
Education of Economic Geography
Education of Urban Geography
Theory of Geography Education
Teaching Method and Technology
Education Volunteer Service
Thinking and Writing in Geography Education
Practical Affairs for the Teaching Profession
Research Method and Techniques in Geography
Student Teaching Internship
Theory and Practice of School Violence Prevention

■ Electives

Education of World Regional Geography
Education of Regional Geography of Korea
Education in Geographic Fieldwork: Level 1
Education in Geographic Fieldwork: Level 2
Education of Tourism Geography
Education of Rural Settlement Geography
Education in Geographic Fieldwork: Level 3
Social Geography Education
Education of Climatology

Education of Cultural Geography
Education of Industrial Location Theories
Education of Regional Geography of America
Education of Historical Geography
Education of Population and Resource Geography
Teaching Practicum of Human Geography
Practices in Physical Geographic Education
International Development and Politics
Education of GIS and Cartography
Evaluation in Geographic Education
Education in Geographic Fieldwork: Level 4
Education in Geographic Fieldwork: Level 5
Education in Geographic Fieldwork: Level 6
Critiques in Geography Education
History of Geography Thought Education
Development Geography
Community-making Education
Environmental Geography Education
Education of Geographic Information Systems (GIS)
Essays Education of Human Geography
Essays Education of Physical Geography
Geographical Education and Geographical thought
World Geomorphology
Method of Geographical Research
Climatic geomorphology
Travel Geography
Research of Geographical Instructional Materials and Media
Political Geography Education
Education on Cities in the World
Education of Regional Geography of Europe-Africa
Education of Regional Geography of Asia-Oceania

■ Careers

All students are able to obtain the qualifications for the secondary school teachers with graduation. Students can choose from many kinds of jobs related to geography education: second school teachers, administrators, research instructors, GIS specialists, and academic professors.

■ What is Ethics Education?

The Department of Ethics Education currently offers programs intended for students to become qualified ethics teachers in secondary schools. The purpose of the Department is to study Western ethics, Korean & Eastern ethics, Sociology and teaching methods in moral education, and to cultivate talented teachers with desirable teaching skills in the rapidly changing contemporary society. Graduates work in various fields such as secondary schools, research institutes, government affairs, journalism, and business.

■ Department of Ethics Education

This Department offers courses in pedagogy, ethics, philosophy, and politics for the purpose of cultivating good moral teachers. Other fields such as philosophical anthropology, religion, and sociology are the interdisciplinary basis for ethics education.

The intellectual mission of this Department can be classified into three parts:

- I. Foundations of Ethics, which encompasses the history of ethics and core concepts in the philosophical study of ethics;
- II. Ethics in Action, which relates theory to practice in key domains of social life, including bioethics, business and political ethics, and ethics in the public sphere;
- III. Ethics in Education, which lets students prepare for careers as teachers.

Prospective teachers of ethics education must be trained in the subject matter, practiced in the arts of pedagogy, attuned to the needs of students, and astute to the interplay of theory and practice.

The courses include such issues as the integration of moral values education and civics within the academic curriculum, as well as appropriate and effective methods of classroom management and student discipline compatible with students' moral growth. The main focuses of the courses are teaching methods, students' moral development, moral autonomy, and the assessment of social and moral development.

■ Professors

- Kee-Hyeon Kim, Ph.D.
[Professor, East Asian Ethics,
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- Young-Ran Roh, Ph.D.
[Professor, Western Ethics,
yrroh@hanmail.net]
- Tak-Joon Jung, Ph.D.
[Professor, Moral Education,
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- Gu-Sup Kang, Ph.D.
[Professor, Unification Education,
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■ What Do You Study?

■ Core Courses

- Curriculum (2)
- Teaching Method and Technology (2)
- Educational Sociology (2)
- Educational Psychology (2)
- Philosophy and History of Education (2)
- Educational Assessment (2)
- Introduction to Education (2)
- Educational Administration and Management (2)
- Introduction to Ethics (3)
- Ethical Thoughts in East Asia (3)
- Teaching children with Learning Disabilities (2)
- Democracy and Positive-sum Morals (3)
- Western Ethics and Thoughts (3)
- School Violence Prevention and Understanding of Students (2)
- Practical Affairs for the Teaching Profession (2)
- Education Volunteer Service (2)
- Ethical Thoughts in Korea (3)
- Student Teaching Internship (2)
- Theory of Ethics Education (3)
- Research Method And Techniques in Ethics Education (3)
- Studies on Unification Education (3)

Total Credits: 50

■ Electives (3)

- Contemporary Moral Issues and Traditional Ethics in Korea
- Communitarianism and ethics
- International relations and ethics
- Modern Ethical Thoughts
- Study of multi-cultural education
- Logics and Ethics Education
- Lao-Zhuang's Ethics Education
- Understanding of moral education
- Teaching-Learning Methodology & Assessment in Moral-Ethical Subjects
- Curriculum and method of moral education
- The purpose of moral education
- A Course on Logic and Essay Writing in Ethics

Education

- Moral Psychology and Moral Philosophy
- Readings of the Classics in East Asian Ethics
- Understanding of North Korean society
- Buddhistic Ethics Education
- Classics of the Social thoughts
- Social Ethics
- Social Justice and ethics
- Ethical Thoughts of Sung-Ming Period
- Theories of Citizenship Education
- Reading of the Classics in Ethics
- Applied Ethics
- Anthropology
- Studies on Education of Traditional Ethics in Korean
- Political Philosophy and ethics
- Philosophy and Ethics Education
- Studies in Moral Psychology
- Introduction to moral education
- Issues of Contemporary Ethics
- The present state and future of Moral subject education

Total Credits: 96

■ Liberal Arts Courses

- Writing (3)
- Logic (3)
- English for Global Communication2 (3)
- Career Plan and Self Understanding (2)

Total Credits: 11

■ Minor Courses

- Theory of Moral-Ethical Education (3)
- A Course on Logic and Essay Writing in Ethics Education (3)
- Democracy and Positive-sum Morals (3)
- Analysis of Curriculum and Textbook of Moral-Ethical Course (3)
- Western Ethics (3)
- Textual Studies in Korean Ethics (3)

Total Credits: 18

■ Pedagogy Courses

- Theory of Moral Education (3)
- A Course on Logic and Essay Writing in Ethics Education (3)
- Research Methods and Techniques in Ethics Education (3)

Total Credits: 9

Korean Language Education

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■ What is Korean Language Education?

The Department of Korean Language Education was established in 1978. Since that time, students have accumulated their elite knowledge of Korean language and literature, polishing their teaching and leadership skills.

Along with undergraduate courses, there are graduate courses in the Graduate School of Education, as well as Ph.D. programs in Korean Language Education. These courses are organized to link the process of studies and to run concurrently.

Faculty members in the Department of Korean Language Education believe that Korean language and Korean culture represent the root of Korea as a nation, and strengthening the field of Korean education will enable the country to better participate in globalization.

To this end, the Department conducts various activities such as direct investigations, folk custom excursions, academic exhibitions, and literary investigations and seminars. These activities are meant to connect studies with practical experiences in the field.

■ Department of Korean Language Education

The goal of the Department of Korean Language Education is to cultivate teachers who understand and are able to teach the correct usage of the Korean language in secondary schools and in society at large. The Department accomplishes this by enabling its students to analyze linguistic phenomena and appreciate literary works. The whole range of Korean language and culture is covered in the academic curriculum.

Many types of courses are available in the Department to allow for the study of specific subjects within such majors as Korean Linguistics, Korean Language Education for International students, Korean Classical Literature Education and Korean Modern Literature Education, Korean Folklore and Culture Education, Korean Creative Writing Education, and Korean Listening, Speaking, Reading, and Writing Skills Education.

Educational Objectives

- 1) to offer students greater opportunities to acquire general knowledge in the area of Korean language and literature and enhance scholastic teaching ability in the educational field by practicing refined Korean language from a teacher's perspective;
- 2) to contribute to the scholarship and education of Korean language and culture for the purpose of meeting the challenges of globalization in the 21st century.

■ Professors

- Cheol Noh, Ph.D.
[Professor, Modern Korean Poetry Education, nochul@jnu.ac.kr]
- Young-Hee Yang, Ph.D.
[Professor, Middle Korean, Grammar Education, chamnamu@jnu.ac.kr]
- Keun-Ho Kim, Ph.D.
[Professor, Modern Korean Novel Education, kritik7@jnu.ac.kr]
- Jin-Su Jo, Ph.D.
[associate Professor, Korean Modern Linguistics, Grammar Education, jojinsu1@jnu.ac.kr]
- Ji-Hyoung Cho, Ph.D.
[Assistant Professor, Korean Classical Literature, kaisercho@jnu.ac.kr]
- Yun-Mi, Chae, Ph.D.
[Assistant Professor, Korean Classical Novel, ymchae82@jnu.ac.kr]

■ Degree Requirements

- Credit transfer: 150
- Graduation Qualification
 1. Pass final exams
 2. Pass English for Global Communication
 3. Exploration for Literature and Language studies(twice).

■ What Do You Study?

■ Core Courses

Korean Teaching Material Research & Guidance
Introduction to Education
Educational Assessment
Educational Sociology
Educational Administration and Management
Philosophy and History of Education
Curriculum
Educational Psychology
Teaching Method and Technology
Practical Affairs for the Teaching Profession
Prevention and Countermeasures of School Violence
Student Teaching Internship
Education Volunteer Service
Teaching Children with Learning Disabilities
Theories of Teaching Korean Language
Educational Theory of Fiction
Theories in Teaching Korean Poetry
A Course on Korean Logic and Essay Writing
Korean Grammar
History Of Korean Language

Korean Literature History

■ Electives

Education Of Literature
Educational Theory of Korean Essays
Educational Theory of Korean Classical Poetry
Instruction
Reading Korean Modern Literary Works
Practice in Teaching Literature
Education of Korean Grammar
Educational Theory of Reading
Korean literary criticism and it's education
Practice of Creative Writing
Reading Korean Ancient Literary Works
Korean Language Norms Education
Education of Social Linguistics
Teaching Theory of Drama
Introduction to Korean Literature
Graphemics
Educational Studies in Hyang-Ga&Poetry in Koryo Dynasty
Modern literary education

Korean Semantics Education	Educational Theory of speech
Selected Readings on the Korean Linguistic History Materials	Educational theory of Writing
Theory of Korean Writers and Works and it's Education	Media and Korean Language Education
Practice in Korean Grammar Education	Theories of Korean Language Education
Special Lecture of Modern Literary Education	Theories in Teaching Korean Classical Novel
Special Lecture of Korean Classical Literary Education	Theories in Teaching Sino - Korean Literature
	Introduction to Korean Linguistics
	Korean Phonology
	Practice in Teaching Literature

■ Careers

Graduates receive a secondary degree teaching certificate in Korean Language Education. Students have a broad range of career options, from education to journalism: secondary school teachers, journalists, administrators, public servants, research instructors, junior supervisors, academic professors, attorneys, and Korean language education specialists.

■ What is English Education?

The Department of English Education strives to develop our students' language competences and teaching skills in keeping with the professional demands of this information-rich era of globalization. We develop our students' communication skills through English while fostering the critical perspective that is essential for a professional EFL teacher in the field of contemporary English Education.

The courses in the program are focused on the studies of English Language and Literature and English Education, which are diverged into three channels of introductory British and American literature courses, the basic theories of English language, and English education. The curriculum of the department is structured to enable students to acquire an in-depth theoretical foundation of knowledge, and to further understand how this knowledge becomes applied pedagogy through practical courses including English Teaching Methods, English Teaching Practice, EFL Teaching Materials Development, and English language evaluation. Language skills courses such as English Conversation, English Writing, and English Grammar are complemented by the broader perspective offered in courses focused on English Literature and Understanding wider English (Anglophonic) and British Culture.

■ Department of English Education

Since 1972, the Department of English Education has produced leaders and experts in the field of English education who play key roles in the future development of English education by equipping them with a profound knowledge in their field and fostering their capabilities to apply that acquired knowledge to the sites where they work. The students study the nature and structure of the English language while exploring a wide variety of English literary works, as well as achieving a comprehensive grounding in linguistics.

It also helps students to better understand the history of British and American literature. Additionally, it develops methods and methodology of teaching English in regard to curricula, teaching materials, and the theory of testing, among others.

As a result, students become more qualified with both commanding and capable teaching skills while also keeping pace with developments in information and globalization. These in-depth studies foster professional English teachers of secondary schools, as well as help graduate students study English philology, literature, and education.

■ Professors

- Byung Kyoo Ahn, Ph.D.
[Professor, English Education,
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- Chul Joo Uhm, Ph.D.
[Professor, English Education,
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- Hui Sok Yoo, Ph.D.
[Professor, 19th Century American Novels,
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- Jee Hyun Ma, Ph. D.
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- Mun-Hong Choe, Ph.D.
[Professor, English Education,
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- Seung-a Ji, Ph.D.
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- Christopher Lashwood, M.A.
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■ Degree Requirements

Students are required to earn 150 credits, with 45 credits from core courses, 48 credits from electives, 30 credits from liberal arts courses, and 27 credits from general electives.

- Liberal Arts Credits: 30
- General Electives Credits: 27

■ What Do You Study?

■ Core Courses

Introduction to Education (2)
Educational Assessment (2)
Educational Sociology (2)
Educational Administration and Management (2)
Philosophy and History of Education (2)
Curriculum (2)
Educational Psychology (2)
Teaching Method and Technology (2)
Practical Affairs for the Teaching Profession (2)
Student Teaching Internship (2)
Education Volunteer Service (2)
Teaching Children with Learning Disabilities (2)
School Violence Prevention and Understanding of Students (2)
Teaching Grammar in EFL (3)
Principles of English Language Teaching (3)
Teaching Critical Writing in English (2)
EFL Teaching Materials Development (3)
Intermediate English Writing (3)

English Phonetics & Phonology (3)
Survey on British Literary Works (3)
Survey on American Literature (3)

Total Credits: 49

■ Electives

Teaching English Literature (3)
Visual Text and English Education (3)
Teaching British and American Culture (3)
Teaching English as a Foreign Language (3)
Multimedia for English Language Teaching (3)
English Speech (3)
Classroom English Practice (2)
English Teaching Practice (3)
English Education Curriculum Development (3)
Seminar in English Language Teaching (3)
English Evaluation (3)
Basic English Reading (3)
Beginning English Conversation (3)
Teaching Reading in EFL (3)

Teaching Writing in EFL (3)
Introduction to English Linguistics (3)
Educational Drama (3)
Intermediate English Conversation (3)
Media English Reading (3)
History of English Culture (3)
History of American Culture (3)
Understanding of English Novels (3)
Practical English Writing (3)
Understanding English Poetry (3)
Advanced English Reading (3)
English Language Acquisition (3)
History of English Language (3)
Modern English Grammar (3)
Understanding English Classics (3)
Advanced English Writing (3)
Seminar on English Literature (3)

Applied English Phonetics (3)
Understanding English Drama (3)
Teaching Speaking in EFL (3)
Reading English Prose (3)
Total Credits: 104

■ Minor Required

Teaching Grammar in EFL (3)
Principles of English Language Teaching (3)
Teaching Critical Writing in English (2)
EFL Teaching Materials Development (3)
English Phonetics & Phonology (3)
Survey on British Literary Works (3)
Total Credits: 17

■ Minor Electives

21 credits should be chosen.

■ Careers

A large number of graduates work at middle and high schools or English education-related institutes, government-sponsored organizations as teachers, consultants, professors, or administrators. Others become graduate students or go abroad to work or study.

We expect that the program will deepen the students' insights into not only their own experience but also the collective experience of the society to which they belong and thus help students find a way to further study in medical science, dentistry, psychology, business, or education as well as in English. The graduates of English Education department play a key role as teachers, leaders, educational administrators, consultants, journalists, professors, or public officers at middle and high schools or English-related institutes, as well as government-sponsored organizations who actively participate in the field of English education. Those who have enthusiasm for pursuing their intellectual goals as professionals can apply for graduate courses at home and abroad and further their academic career in the areas of English language, literature, and education as researchers in these fields.

Mathematics Education

— Contact Information

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■ What is Mathematics Education?

Mathematics education is a field of study focusing on teaching and learning, curriculum, psychology, philosophy, technology, history, and gender issues based on mathematical content, coupled with general theories of education and mathematics education.

■ Department of Mathematics Education

The mission of the Department of Mathematics Education is to educate students as secondary school teachers so that they may someday take a central role as excellent instructors in mathematics. The curriculum for the Department of Mathematics Education consists of basic and intensive levels of modern mathematics, including various theories of mathematics education in order to prepare our students for this field. The Department of Mathematics Education provides a well-designed student teaching program for Chonnam National University, along with College of Education affiliated middle and high schools. This opportunity provides our students with first-hand experience, applying what they learn in their undergraduate program to real situations. Furthermore, the Department of Mathematics Education has exclusive use of computer laboratories, rooms with pertinent materials, and classrooms equipped with the latest modern technology. In addition, the Department holds a pivotal position in the field of mathematics education within the Gwangju and Chonnam regions. As part of its commitment to enhancing mathematics education, the department organizes the annual “Yongbong Mathematics Education Conference”.

The Department of Mathematics Education not only strives to nurture teachers who are indispensable in the field of education, but also makes constant efforts to contribute to the development of the field of mathematics education by suggesting the direction in which mathematics education should head.

■ Professors

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■ Degree Requirements

Mathematics education students are required to take 150 credit hours. In detail, 93 credits are within the major, 30 credits in liberal arts, and 27 credits in common electives.

■ What Do You Study?

■ Core Courses

Curriculum (2)
Teaching Methods and Technology (2)
Educational Sociology (2)
Educational Psychology (2)
Philosophy and History of Education (2)
Educational Assessment (2)
Introduction to Education (2)
Educational Administration and Management (2)
Advanced Calculus 1 & Practice (3)
Mathematical Statistics (3)
Teaching Children with Learning Disabilities (2)
Theory of Mathematical Education (3)
Complex Analysis 1 and Practice (3)
Teaching for Secondary School Mathematics (3)
A Course on Mathematics Logic and Essay Writing (2)
Topology 1 and Practice (3)
Abstract Algebra 1 and Practice (3)
Education Volunteer Service (2)
Practical Affairs for the Teaching Profession (2)
Student Teaching Internship (2)

■ Electives

Set Theory and Laboratory (3)
Linear Algebra 1 and Laboratory (3)
Linear Algebra 2 (3)
Discrete Mathematics and Laboratory (3)
Introduction to Mathematics Education (3)
Differential Equations and Laboratory (3)
Theory of Numbers (3)

Introduction to Geometry (3)
Mathematics Education and coding (3)
Advanced Calculus 2 (3)
Mathematical modeling for teachers (3)
Artificial Intelligence and Mathematics Education (3)
Psychology of Mathematics Education (3)
Computer Based School Mathematics (3)
Abstract Algebra 2 (3)
Differential Geometry 1 (3)
Topology 2 (3)
Complex Variables 2 (3)
Assessment of Teaching & Learning in Mathematics (3)
Differential Geometry 2 (3)
History of Mathematics (3)
Real Analysis (3)
Topics in Abstract Algebra (3)
Geometry and School Mathematics (3)
Algebra and School Mathematics (3)
Analysis and School Mathematics (3)
Problem Solving Education Theory (3)
Topics in Analysis (3)

■ Minor Courses

Advanced Calculus 1 & Practice (3)
Theory of Mathematical Education (3)
Teaching for Secondary School Mathematics (3)
A Course on Mathematics Logic and Essay Writing (2)
Topology 1 and Practice (3)
Abstract Algebra 1 and Practice (3)

■ Careers

The majority of our alumni are engaged in instructing mathematics within both public and private secondary educational institutions. A subset of graduates assume roles as accomplished administrators within their domain at the Office of Education, while others leverage their postgraduate qualifications to offer instruction in mathematics or mathematics education at the university level. Notably, within the Department of Mathematics Education, we take particular pride in boasting the highest national success rate in the annual administration of the National Teacher Employment Exam. A significant portion of those who achieve success in this endeavor presently hold positions as mathematics educators in Gwangju, Chonnam Province, and the Seoul-Gyeonggi metropolitan area.

■ What is Physics Education?

The main themes of Physics Education are (1) to define the nature of physics and physics education based on philosophy, history, and psychology of physics and theory of education; (2) to identify and understand students' cognitive processes when they learn physics concepts, conduct scientific inquiry and solve physics problems; (3) to establish relationships between students' physics learning and their everyday life, interests and creative attitudes; (4) to develop and implement various effective teaching strategies using concept maps, epistemological V, demonstration, cognitive conflict, analogy, computers, discussion, and argumentation; and finally (5) to formulate the theory of physics learning, theory of physics curriculum development, and theory of assessment of physics learning.

■ Department of Physics Education

Physics is a pure science that studies the diverse phenomena of the natural world. Its foundational theories and experimental approaches provide a crucial foundation for other applied science fields. The importance of physics is increasingly being recognized, making the training of competent and passionate physics educators a vital task. In the Physics Education Department, continuous efforts are made to train secondary school teachers with the ability to effectively guide students.

To achieve this goal, the Physics Education Department offers comprehensive curricula that include both the fundamental subjects of physics (such as mechanics, electromagnetism, and quantum mechanics) and applied subjects (like electronic physics). These curricula also encompass courses on physics education theory, research on physics teaching materials, and teaching methods. Both theoretical and practical/experimental courses are included. Through this process, students are equipped with the practical qualities and research abilities needed as science and physics educators.

Upon graduation from the Physics Education Department, students receive a certification to teach physics and general science in secondary schools. Most of these graduates primarily become teachers in secondary schools, while some pursue advanced studies in graduate schools on physics or physics education. Based on their research experiences, some contribute to academia as professors, while others stand out as researchers or in various industries, demonstrating their expertise across different spheres of society.

■ Professors

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- Jeongwoon Hwang, Ph.D.
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■ What Do You Study?

■ Core Courses

Introduction to Education (2)
Philosophy and History of Education (2)
Educational Psychology and Counseling (2)
Educational Sociology and Lifelong Education (2)
Practical Affairs for the Teaching Profession (2)
Mechanics Education 1 (3)
Physics Education (3)
Electricity and Magnetism Education 1 (3)
Curriculum and Evaluation (2)
Educational Administration and Management (2)
Research of Physics Teaching Materials and
Teaching Methods (3)
Thermal-Statistical Physics Education 1 (3)
Teaching Methods and Technology (2)
A Course on Physics Logic and Essay Writing (2)
Education Volunteer Service (2)
Quantum Physics Education 1 (3)
Wave and Optics Education (3)
Student Teaching Internship (2)
Teaching Children with Learning Disabilities (2)
Total Credits: 45

■ Electives

General Biology Inquiry Laboratory 1 (1)
General Chemistry Inquiry Laboratory 1 (1)
Earth Science Inquiry Laboratory 1 (1)
General Physics Inquiry Laboratory 1 (1)
General Biology Inquiry Laboratory 2 (1)
General Chemistry Inquiry Laboratory 2 (1)

Earth Science Inquiry Laboratory 2 (1)
General Physics Inquiry Laboratory 2 (1)
Problem Solving for Physics 1 (2)
Problem Solving for Physics 2 (2)
Physics Education Exp. 1 (1)
Basic Electronic Circuit Lab. (2)
Philosophy of Science and Science Education (2)
Physics Curriculum and Teaching Practice (3)
Evaluation in Physics Learning (2)
Practice of Mechanics Education (2)
Practice of Mechanics Education 2 (2)
Mathematics for Physics 1 (3)
Practice of Mathematics for Physics (2)
Computers in Physics and Practice (3)
Modern Physics Education 1 (3)
Mechanics Education 2 (3)
Physics Education Exp. 2 (1)
Practice of Electricity and Magnetism Education (2)
Physics Educations and Multimedia (3)
Mathematics for Physics 2 (3)
Modern Physics Education 2 (3)
Electricity and Magnetism Education 2 (3)
Physics Education Exp. 3 (1)
Practice of Thermal and Statistical Physics
Education (2)
Electronic Physics (3)
Physics Education Exp. 4 (1)
Thermal-Statistical Physics Education 2 (3)
Experiment Data Analysis (3)
Practice of Quantum Physics Education (2)

Practice of Wave and Optics Education (2)
Practice of Electricity and Magnetism
Education 2 (2)
Practice of Electronic Physics (3)
Development Materials in Physics Learning (3)
Physics Education Exp. 5 (1)
Quantum Physics Education 2 (3)
Fluid Physics (3)
Condensed Matter Physics (3)
Theory of Teaching Physics Inquiry (3)
Seminar on Physics Education (3)
Physics Education Exp. 6 (1)
Topics in Condensed Matter Physics (3)
Nuclear and Particle Physics for Science

Teachers (3)
Gifted Education in Physics 1 (2)
Gifted Education in Physics 2 (2)
Total Credits: 109

■ Minor Courses

Mechanics Education 1 (3)
Physics Education (3)
Electricity and Magnetism Education 1 (3)
Research of Physics Teaching Materials and
Teaching Method (3)
Quantum Physics Education 1 (3)
A Course on Physics Logic and Essay Writing (2)
Total Credits: 17

■ Careers

Graduates earn teaching certificates, qualifying them to become physics teachers in public schools. Other careers available to graduates include those in academia and research institutes. Some graduates opt to pursue graduate studies in Korea and abroad.

■ What is Chemistry Education?

The undergraduate program in Chemistry Education was established to meet the needs of creative secondary school teachers who have professional knowledge of chemistry, and teaching skills relating to educational processes in chemistry.

■ Professors

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- Jonghoon Choi, Ph.D.
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■ Degree Requirements

Students are required to earn 150 credits (45 credits from core courses, 27 credits from electives, 32 credits from liberal arts courses, 21 credits from enhancement courses, and 25 credits from general electives).

■ What Do You Study?

■ Core Courses

- | | |
|---|--|
| Introduction to Education (2) | Education Volunteer Service (2) |
| Educational Assessment (2) | Teaching Children with Learning Disabilities (2) |
| Educational Sociology (2) | School Violence Prevention and Understanding of Students (2) |
| Educational Administration and Management (2) | History of Chemistry and Chemistry Education (3) |
| Philosophy and History of Education (2) | A Course on Chemistry Logic and Essay writing (2) |
| Curriculum (2) | A Chemistry Education (3) |
| Educational Psychology (2) | Research of Chemical Teaching |
| Teaching Method and Technology (2) | Materials and Teaching Methods (3) |
| Practical Affairs for the Teaching Profession (2) | Physical Chemistry Education 1 (3) |
| Student Teaching Internship (2) | Analytical Chemistry Education 1 (3) |

Organic Chemistry Education 1 (3)
Inorganic Chemistry Education 1 (3)

Total Credits: 49

■ Electives

General Biology Inquiry Laboratory 1 (1)
General Chemistry Inquiry Laboratory 1 (1)
Earth Science Inquiry Laboratory 1 (1)
General Physics Inquiry Laboratory 1 (1)
General Biology Inquiry Laboratory 2 (1)
General Chemistry Inquiry Laboratory 2 (1)
Earth Science Inquiry Laboratory 2 (1)
General Physics Inquiry Laboratory 2 (1)
Philosophy of Science and Science Education (2)
Physical Chemistry Inquiry Laboratory 1 (2)
Physical Chemistry Education 2 (3)
Physical Chemistry Education Exercises 1 (1)
Physical Chemistry Inquiry Laboratory 2 (2)
Analytical Chemistry Education 2 (3)
Analytical Chemistry Inquiry Laboratory 1(2)
Analytical Chemistry Inquiry Laboratory 2 (2)
Theory of Teaching Chemistry Inquiry (3)
Physical Chemistry Education 3 (3)
Physical Chemistry Education Exercises 2 (1)

■ Careers

Most graduates are employed as teachers in secondary schools, professors, educational administrators, or researchers in the field of chemistry and education.

Organic Chemistry Education 2 (3)
Organic Chemistry Research Laboratory 1 (2)
Chemistry Curriculum and Evaluation (2)
Quantum Chemistry Education (3)
Organic Chemistry Education 3 (3)
Organic Chemistry Research Laboratory 2 (2)
Advanced Organic Chemistry Education (3)
Instrumental Analysis Education (3)
Inorganic Chemistry Education 2 (3)
Inorganic Chemistry Inquiry Laboratory (2)
Advanced Physical Chemistry Education (3)
Advanced Analytical Chemistry Education (3)
Coordination Chemistry Education (3)

Total Credits: 67

■ Minor Courses

Physical Chemistry Education 1 (3)
Organic Chemistry Education 1 (3)
Chemistry Logic and Essay Writing (2)
Chemistry Education (3)
Inorganic Chemistry Education 1 (3)
Research of Chemical Teaching Materials and Teaching Methods (3)

Total Credits: 17

Biology Education

Contact Information

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URL: <http://bioedu.jnu.ac.kr>

■ Major in Biology Education

The Department of Biology Education aims to educate students to become science and biology teachers at middle and high schools, and experts in biology or biology education. For this purpose, we strives to develop our students' understanding of life science and teaching skills in keeping with the professional demands of the knowledge based society of information.

The curriculum of the department is structured to enable students to acquire an in-depth theoretical foundation of life science, and to further understand how this knowledge becomes applied pedagogy through practical courses. The courses such as Genetics, Cytology, Taxonomy, Embryology, Physiology, and Biology Field Practice are to help students go get in-depth knowledge of life science. And the courses such as Biology Education and Research of Biology Teaching Materials & Teaching Method are offered to prepare students to become the competent secondary school biology teachers.

■ Professors

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- Jung-Hyun Lee, Ph.D.
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- Su-Man Kim, Ph.D.
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■ Degree Requirements

Students are required to earn 150 credits, with 45 credits from core courses, 32 credits from liberal arts courses, 25 credits from general courses, 27 credits from electives, and 21 credits from enhancement courses.

Students are also required to pass a comprehensive exam and demonstrate proficiency with computers and in a foreign language.

■ What Do You Study?

■ Core Courses

Introduction to Pedagogy (2)

Educational Assessment (2)

Educational Sociology (2)

Educational Administration and Management (2)
 Philosophy and History of Education (2)
 Curriculum (2)
 Educational Psychology (2)
 Teaching Method and Technology (2)
 Cytology (3)
 Genetics (3)
 Molecular Biology (3)
 Animal Taxonomy (3)
 Animal Physiology (3)
 Introduction to Ecology (3)
 Practical Affairs for the Teaching Profession (2)
 Teaching Children with Learning Disabilities (2)
 Theory and Practice of School Violence Prevention (2)
 Education Volunteer Service (2)
 Student Teaching Internship (2)
 Biology Education (3)
 Research of Biology Teaching Materials &
 Teaching Method (3)
 A Course on Biology Logic and Essay Writing (2)

■ Electives

General Biology Inquiry Lab 1 (1)
 General Biology Inquiry Lab 2 (1)
 General Physics Inquiry Lab 1 (1)
 General Physics Inquiry Lab 2 (1)
 General Chemistry Inquiry Lab 1 (1)
 General Chemistry Inquiry Lab 2 (1)
 Earth Science Inquiry Lab 1 (1)
 Earth Science Inquiry Lab 2 (1)
 Biology Field Practice (1)
 Plant Morphology Lab (1)
 Plant Taxonomy Lab (1)
 Intertidal Zone Biota Inquiry (1)
 Biological Chemistry (3)
 Cytology Lab (1)
 Animal Taxonomy (3)
 Animal Taxonomy Lab (1)
 Plant Morphology (3)
 Plant Taxonomy (3)
 Genetics Lab (1)

Plant Embryology (3)
 Plant Embryology Lab (1)
 Vertebrate Anatomy (3)
 Biology Inquiry Practice (3)
 Evaluation in Science Learning (3)
 Genetic Engineering (3)
 Microbiology (3)
 Ecology Lab (1)
 Microbial Physiology (3)
 Diversity and Change of Life (3)
 Molecular Biology (3)
 Plant Physiology (3)
 Philosophy of Science and Science Education (2)
 Microbiology Lab (1)
 Principles of Biology Inquiry (3)
 Phycology (3)
 Phycology Lab (1)
 Biology in the Human Context (3)
 Entomology (3)
 Entomology Lab (1)
 Animal Physiology Lab (1)
 Immunology (3)
 Historical Approach for Biology Learning (3)
 Animal Embryology (3)
 Animal Embryology Lab (1)
 Biostatistics (3)
 Environmental Biology (3)
 Mycology (3)
 Genomics (3)

■ Minor Courses

Cytology (3)
 Molecular Biology (3)
 Animal Taxonomy (3)
 Genetics (3)
 Biology Education (3)
 A Course on Biology Logic and Essay Writing (2)
 Research of Biology Teaching Materials and
 Teaching Methods (3)
 Total Credits: 17

■ Careers

The graduates of our department can get the certificate of secondary school science teacher. Most graduates work for secondary schools as science and biology teachers. Some of them keep researching in postgraduate programs and then become experts in biology or biology education.

Earth Science Education

— Contact Information

Phone: +82-62-530-2510

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URL: <http://earthedu.jnu.ac.kr/>

■ What is Earth Science Education?

The Department of Earth science education aims to train science and earth science teachers at middle and high schools. The goal is to train qualified earth science teachers with general understanding of earth science - geology, astronomy, atmospheric science, and oceanography - and the overall field of science, effective teaching methods, and morality to positively influence students.

■ Major in Earth Science Education

The Department of Earth Science Education is committed to training and developing exceptionally well informed, enthusiastic, dedicated and highly-skilled earth science educators and practitioners for middle and high schools, higher education, and research and development. All of our programs are devoted to fostering critical thinking and a spirit of innovation.

The educational program has many highly developed general and specialized courses, including geology, astronomy, atmospheric science, oceanography, and earth science education, as well as presenting an opportunity for hands-on experience through experiments in laboratory settings. In addition, we have recently been developing programs that address environmental problems and space science. Teaching certificates are awarded upon completion of terms and the required courses.

■ Professors

- | | |
|---|--|
| • Jong-Hee Kim, Ph.D.
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| • Suyeon Oh, Ph.D.
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| • Tae-Won Park, Ph.D.
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■ Degree Requirements

Students are required to earn 140 credits, with 45 credits from core courses, 27 credits from electives, 21 credits from other (enhancement) courses, 32 credits from liberal arts courses, and 15 credits from general electives.

■ What Do You Study?

■ Core Courses

Astronomy (3)
Atmospheric Science (3)
Introduction to Education (2)
Educational Assessment (2)
Educational Sociology (2)
Educational Administration and Management (2)
Philosophy and History of Education (2)
Curriculum (2)
Educational Psychology (2)
Teaching Method and Technology (2)
Practical affairs for the Teaching Profession (2)
Student Teaching Internship (2)
Education Volunteer Service (2)
Teaching Children with Learning Disabilities (2)
School Violence Prevention and Understanding of Student (2)
Paleontology and Stratigraphy (3)
Earth Science Education (3)
A Course on Earth Science Logic and Essay Writing (2)
Material Evaluation and Teaching Method in Earth Science (3)
Geology (3)
Oceanography (3)

■ Major Electives

Stellar Astronomy (3)
Basic Astronomy (3)
Astronomical Information and Data Analysis (3)
Position Astronomy (3)
Galaxy and Universe (3)
Astrophysics (3)
Meteorological Observation and Analysis (3)
Basic Atmospheric Science (3)
Dynamic Meteorology (3)
Synoptic Meteorology (3)
Atmospheric Physics (3)
General Biology Inquiry Laboratory 1 (1)

General Biology Inquiry Laboratory 2 (1)
General Chemistry Inquiry Laboratory 1 (1)
General Chemistry Inquiry Laboratory 2 (1)
Philosophy of Science and Science Education (2)
Evaluation in Earth Science Learning (2)
Education for Earth Science Gifted (2)
Guidance method of Earth Science (3)
Earth Science Inquiry Laboratory 1 (1)
Earth Science Inquiry Laboratory 2 (1)
Minerals and Optical mineralogy (3)
Earth Science Inquiry Instruction and Practice (3)
Education of Petrology and Practice (3)
Sedimentary Petrology (3)
History of the Earth and Korean Peninsula (3)
History of Earth Science and Earth Science Education (3)
Guidance of Earth Science History (3)
General Physics Inquiry Laboratory 1 (1)
General Physics Inquiry Laboratory 2 (1)
Climatology (3)
Inquiry of Microfossils (3)
Environmental Science of the Earth (3)
Geochemistry Education (3)
Field Geology and Practice (3)
Resources Geology (3)
Geophysics (3)
Inquiry of fuel Geology (3)
Natural Disasters and Energy Resources (3)
Inquiry of Physical Oceanography (3)

■ Minor Courses

Astronomy (3)
Atmospheric Science (3)
Geology (3)
Earth Science Education (3)
A Course on Earth Science Logic and Essay Writing (2)
Material Evaluation and Teaching Method in Earth Science (3)

■ Careers

The majority of our graduates go on to teach science in the national education system at middle or high schools and contribute greatly to educational development in real teaching contexts. A significant minority develop their careers in other areas such as research institutes, universities, government departments, and related companies.

Home Economics Education

Contact Information

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■ What is Home Economics Education?

The Department of Home Economics Education aims to train Home Economics teachers for employment at middle schools and high schools. The goal is to train qualified Home Economics teachers with a general understanding of a beneficial dietary life, clothing, housing, household management, and family life coupled with a home economics education philosophy, effective teaching methods, and morality to positively influence students.

■ Department of Home Economics Education

The Department of Home Economics Education aims to cultivate students' practical problem-solving abilities, life independence ability, and relationship-forming abilities related to family life issues and the surrounding environment. We help students recognize and address issues in family life, enabling them to create a healthy and happy family culture. Our curriculum is rooted in home economics, covering topics such as family life, consumer behavior, food and nutrition, apparel, housing, and family welfare. Courses include Family Education Theory, Home Education Curriculum Research and Instruction, and Family Education Seminars. Through theoretical and practical coursework, including lab experiments and field training, we graduate competent secondary school home economics teachers equipped with comprehensive expertise and personal qualities.

After graduation, students receive a level 2 home economics teaching certificate of secondary education, allowing them to pursue careers as secondary school teachers, scholars, vice-principals, and principals. Graduates also find opportunities in various educational, home economics-related businesses, government agencies, as well as advancing to graduate school for further studies, leading to careers in universities, research institutions, corporations, and community educational organizations.

■ Professors

- Lan-Hee Jung, Ph.D.
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- Eun-Hah Wee, Ph.D.
[Professor, Apparel science, weh@jnu.ac.kr]
- Seo-Yeon Lee, Ph.D.
- Seong-Youn Choi, Ph.D.
[Assistant Professor, Family Relationships, sy0929@jnu.ac.kr]
- [Assistant Professor, Home Economics Education, taeresa@jnu.ac.kr]

■ Degree Requirements

Students are required to earn 150 credits, with 45 credits from core courses, 27 credits from electives, 21 credits from other (enhancement) courses, 30 credits from liberal arts courses, and 27 credits from general electives.

■ What Do You Study?

■ Core Courses

Applied Food Science (3)
Apparel Design (3)
Philosophy and History of Education (2)
Educational Administration and Management (2)
Educational Sociology (2)
Child Development (3)
Teaching Method and Technology (2)
Home Management (3)
Educational Assessment (2)
Educational Psychology (2)
Introduction to Education (2)
Curriculum (2)
Practical Affairs for the Teaching Profession (2)
Student Teaching Internship (2)
Research & Teaching of Home Economical Materials (3)
Theory of Home Economics Education (3)
A Course on Home Economics Logic and Essay Writing
Education Volunteer Service (2)
Teaching Children with Learning Disabilities (2)
School Violence Prevention and Understanding of
Students (2)
Housing (3)

■ Electives

Colouring and Design (3)
Apparel Care and Experimental Lab. (3)
Apparel Materials and Experimental Lab. (3)
Fashion Coordination Guidance (3)
Fashion Education Media Production (3)
Fashion Style Drawing (3)
Textile Finishing and New Materials (3)
Culture of Costume (3)
Coaching in Handicrafts (3)
Psychology of Dress (3)

Current Issues in Home Economics Education (3)
Laboratory of Korean Cooking Education (3)
Education of Enabling and Empowering Families (3)
Theory & Practice in Apparel Making (3)
Laboratory of Foreign Cooking Education (3)
Theory & Practice in Traditional Costume (3)
Seminar of Home Economics Education (2)
Multimedia in Home Economics Education (2)
Family Life Education (3)
Meal Management Education (3)
Nutrition Teaching Education (3)
Introduction to Food Science (3)
Food Hygiene (3)
Nutrition (3)
Nutrition in Life Cycle (3)
Experiment of Food Nutrition (3)
Experiment of Dietary Life Education (3)
Experiment of Nutrition education (3)
Diet Therapy (3)
Meal Culture (3)
Food Preservation (3)
The Family (3)
Household Equipment & Lab (2)
Household Economics (3)
Parent Education (3)
Interior Design (3)
Adolescence Development (3)
Consumer Education (3)
Family Life and Welfare (3)
27 credits should be chosen.

■ Minor Courses

Apparel Design (3)
Applied Food Science (3)
Theory of Home Economics Education (3)

Home Management (3)

Research and Teaching of Home Economical Materials (3)

Home Economics Logic and Essay Writing (2)

■ **Minor Courses**

21 credits should be chosen.

■ **Careers**

Graduates may pursue careers as secondary school teachers. They may also work for research institutes and private companies.

Music Education

Contact Information

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■ What is Music Education?

Consider for a moment the power of music. Music is everywhere. To take it one step further, music is in the songs of birds, in the crashing of waves, and in the beating of the heart. Music is inescapable. Once we acknowledge this fact, we must learn to appreciate and understand the need for music.

Music strengthens the mind, stimulates brain cells, and encourages creative thoughts and imagination. The need for music education, then, is clear. Children who understand music do better in life.

■ Department of Music Education

The Department of Music Education is committed to training future teachers, who are also musicians, involved in both music and teaching at the highest professional level.

The objectives of the course series is to learn the role of music in their lives, to develop theories of musical learning development, and to practice methods and approaches for teaching music (Orff, Kodaly, Dalcroze).

Through a sequence of courses and pre-service teaching experiences, students who successfully complete the program fulfill the requirements for Certification in Secondary Music Education.

Students study various practical techniques of the major, including Solfege, Harmony, Counterpoint, History of Western Music, Orchestration, Chorus, Orchestra, Theory of Music Education, Teaching Material and Pedagogy of Music, Traditional Korean Music, Computer Music, Keyboard Harmony, and Techniques of Digital Piano, among others.

■ Professors

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- Mi-Kyung Lee, Ph.D.
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- Dae-Jin Bang, Diplom Superior
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■ Degree Requirements

Students are required to earn 150 credits, with 44 credits from core courses, 28 credits from electives, 30 credits from liberal arts courses, 27 credits from general courses.

Students minoring in Music Education are required to earn 38 credits, with 14 credits from minor courses, and 24 credits from minor courses.

- Liberal Arts Credits: 30
- General Electives Credits: 27

■ What Do You Study?

■ Core Courses

Instrument Major 2

Educational Psychology

Introduction to Education

Practice of Korean Tradition Instrumental Music 2

Practice of Korean Tradition Vocal Music 2

Composition & Theory of Korean Tradition Music 2

Voice Major 2

Composition Major 2

Piano Major 2

Instrument Major 3

Philosophy and History of Education

Practice of Korean Tradition Instrumental Music 3

Practice of Korean Tradition Vocal Music 3

Composition & Theory of Korean Tradition Music 3

Voice Major 3

Theory of Music Education

Composition Major 3

Piano Major 3

Instrument Major 4

Teaching Method and Technology

Educational Sociology

Practice of Korean Tradition Instrumental Music 4

Practice of Korean Tradition Vocal Music 4

Composition & Theory of Korean Tradition Music 4

Voice Major 4

Composition Major 4

Teaching children with Learning Disabilities

Piano Major 4

Education Volunteer Service

Instrument Major 5

Curriculum

Educational Administration and Management

Practice of Korean Tradition Instrumental Music 5

Practice of Korean Tradition Vocal Music 5

Composition & Theory of Korean Tradition Music 5

Voice Major 5

Composition Major 5

Piano Major 5

Instrument Major 6

Educational Assessment

Practical Affairs for the Teaching Profession

Practice of Korean Tradition Instrumental Music 6

Practice of Korean Tradition Vocal Music 6

Composition & Theory of Korean Tradition Music 6

Voice Major 6

Composition Major 6

Piano Major 6

Theory and Practice of School Violence Prevention

Instrument Major 7

Practice of Korean Tradition Instrumental Music 7

Practice of Korean Tradition Vocal Music 7

Composition & Theory of Korean Tradition Music 7

Voice Major 7

Teaching Material and Pedagogy of Music

Composition Major 7

Piano Major 7

Student Teaching Internship

Instrument Major 8

Practice of Korean Tradition Instrumental Music 8

Practice of Korean Tradition Vocal Music 8

Composition & Theory of Korean Tradition Music 8

Voice Major 8

Teaching Logic and Essay Writing in Music

Education

Composition Major 8

Piano Major 8

Total Credits: 132

■ Electives

Teaching Methods of Vocal Music 1
Instrument Major 1
Practice of Korean Tradition Instrumental Music 1
Practice of Korean Tradition Vocal Music 1
Composition & Theory of Korean Tradition Music 1
Popular Guitar
Wind Instrument Class Techniques
Band & Ensemble
Voice Major 1
Sight Singing & Ear Training 1
Music Theory
Composition Major 1
Piano Major 1
Chorus 1
Teaching Methods of Vocal Music 2
Teaching Methods of Music Appreciation
Music History 1
String Class Techniques
Sight Singing & Ear Training 2
Collaborative Piano 1
Chorus 2
Music History 2
Collaborative Piano 2
Chorus 3
Harmony 1
An Introduction to Korean Traditional Music 1
Music History 3
Music Pedagogy
Collaborative Piano 3
Piano Accompanying Techniques 4
Chorus 4
Harmony 2
An Introduction to Korean Traditional Music 2
Curriculum and Evaluation in Music Education
Teaching Methods of Choral and Conducting
Chorus 5
Korean Traditional Wind Instrument 1
History of Korean Music

Chorus 6
Korean Traditional Wind Instrument 2
Sight Singing & Ear Training 3
Music History 4
Sight Singing & Ear Training 4
Total Credits: 88

■ Minor Courses

Instrument Major 2
Practice of Korean Tradition Instrumental Music 2
Practice of Korean Tradition Vocal Music 2
Composition & Theory of Korean Tradition Music 2
Voice Major 2
Composition Major 2
Piano Major 2
Instrument Major 3
Practice of Korean Tradition Instrumental Music 3
Practice of Korean Tradition Vocal Music 3
Composition & Theory of Korean Tradition Music 3
Voice Major 3
Theory of Music Education
Composition Major 3
Piano Major 3
Instrument Major 4
Practice of Korean Tradition Instrumental Music 4
Practice of Korean Tradition Vocal Music 4
Composition & Theory of Korean Tradition Music 4
Voice Major 4
Composition Major 4
Piano Major 4
Teaching Material and Pedagogy of Music
Teaching Logic and Essay Writing in Music
Education
Total Credits: 50

■ Minor Electives

24 credits should be chosen among Major Electives.

■ Careers

A large number of graduates work at middle and high schools. Others go on to graduate school to pursue more advanced careers.

■ What is Physical Education?

The Department of Physical Education was established to develop physical education teachers in March 1973. In the years since that time, the department has produced over 1,000 physical education teachers. This department has seven faculty members in various branches of learning. Currently, there are 100 students enrolled in this department.

■ Department of Physical Education

Physical education is a subject in which students seek to improve quality of life, to develop physical strength, and promote health, steadiness of emotion, and socialization. The department seeks a successful development of physical education and sports culture at the same time.

Students of this department also participate in improving physical strength and motor skills, mastering knowledge about exercising and health, and learning desirable attitudes and socially valuable rules in various sports to accomplish this purpose.

The Department offers all students the curriculum to master knowledge about sports philosophy and history, sports psychology, exercise physiology, sports biomechanics, sports sociology, health and hygiene, and training courses to master ball sports, physical strength, gymnastics exercise, individual and collective exercises, dancing, and swimming.

This Department produces graduates who become teachers in middle and high schools, as coaches and instructors in elite sports and health centers, and as researchers in sports institutes.

■ Professors

- Jong-Soo Baek, Ph.D.
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- Young-Kwan Kim, Ph.D.
[Professor, Motor Mechanics,
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- Jun Kim, Ph.D.
[Associate Professor, Sports Sociology,
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- Dae-yeol Kim, Ph.D.
[Associate Professor, Exercise Physiology,
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- Park Saengryeol, Ph.D.
[Assistant Professor, Sports Psychology,
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■ Degree Requirements

Students are required to earn 150 credits, with 117 credits from core and related courses, and 33 credits from general courses. Students must also demonstrate proficiency with computers and in a foreign language.

■ What Do You Study?

■ Core Courses

Curriculum (2)	Theory and Practice of School Violence Prevention (2)
Teaching Method and Technology (2)	Education Volunteer Service (2)
Educational Sociology (2)	Practical Affairs for the Teaching Profession (2)
Educational Psychology (2)	Student Teaching Internship (2)
Philosophy and History of Education (2)	Global Communication English (3)
Educational Assessment (2)	Chinese Classic in Korean (3)
Introduction to Education (2)	Physical Education Logic and Essay Writing (2)
Educational Administration and Management (2)	Teaching Physical education (3)
Teaching children with Learning Disabilities (2)	

■ Electives

Rhythmic Aerobic 1 (2)	Soccer 1 (2)
swim 1 (2)	Tennis 1 (2)
Sport Sociology (3)	Health Education (3)
Athletic 1 (2)	Education Dance 2 (2)
History of Physical Education (3)	Basketball 2 (2)
Gymnastic 1 (2)	New sports 2 (2)
Table tennis 1 (2)	Winter Sports 2 (2)
Teakwondo (2)	Vollyball 2 (2)
Winter sports 1 (2)	The Seashore Training (2)
Rhythmic Aerobic 2 (2)	Test And Measyrement In Physical Education (3)
Swim 2 (2)	Soccer 2 (2)
Sport philosophy and ethics (3)	Tennis 2 (2)
Athletic 2 (2)	Basketball 3 (2)
Human Anatomy and Computer Practice (3)	Dance Sports 1 (2)
Gymnastic 2 (2)	Vollyball 3 (2)
Table tennis 2 (2)	Badminton 1 (2)
Educational dance 1 (2)	Sports Medical and Treatment of Injury (3)
basketball 1 (2)	Korea Dance (2)
New sports 1 (2)	Physiology Of Exercise (3)
Vollyball 1 (2)	Biomechanics of Sports sport (3)
Psychology of Sports and Motor Learning (3)	Soccer 3 (2)
nutrition Science Of sports (3)	Golf 2 (2)
The Curriculum of Physical Education (3)	Dance sports 2 (2)

Badminton 2 (2)
Experimental Approach of Sport Sciences (2)
Baseball (2)
Camping 1 (2)
Motor control (3)
Golf 1 (2)
Introduction to Sports for All (3)
Swim 3 (2)

Sports Technology and Biomechanics (3)
Camping 2 (2)
Motor Development (3)
Athletic 3 (2)
Gymnastic 3 (2)
Recreation (2)
Sports Training and Exercise Prescription (3)
Administration of Physical Education (3)

■ Careers

A large number of graduates work at middle and high schools. Others go on to graduate schools to pursue more advanced careers.

Division of Special Education

Contact Information

Phone: +82-62-530-5400, 5410

Fax: +82-62-530-5409

URL: <http://spededu.jnu.ac.kr/>

■ **What is Special Education?**

Special education refers to a range of services that can be provided in different ways and in different settings. There's no 'one size fits all' approach to special education. It's tailored to meet the needs of students with disabilities. Special education focuses on helping students with disabilities learn.

■ **The Division of Special Education**

The division of special education offers undergraduate and graduate programs in special education. We have produced professionals in special education including outstanding teachers, superintendents, school administrators, consultants, and researchers. Our program is designed to prepare prospective educators to teach students with mild to moderate disabilities, as well as those with severe and multiple disabilities in a variety of educational settings. We also focus on transition and post-school employment for persons with disabilities. In addition, we provide research opportunities related to students with disabilities.

The division of special education consists of three departments: Early childhood special education, elementary special education, and secondary special education.

Early Childhood Special Education

The department of early childhood special education trains prospective educators to acquire professional knowledge and skills to teach kindergartners with disabilities. The program focuses on practical experiences working with young children with special needs and families in the field.

Elementary Special Education

The department of elementary special education trains prospective educators to acquire professional knowledge and skills to teach elementary school students with disabilities. The program focuses on practical experiences working with children (Grades 1-6) with special needs, school-related professionals, and families in the field.

Secondary Special Education

The department of secondary special education trains prospective educators in the professional knowledge and skills needed to teach secondary school students with disabilities. The program focuses on practical experiences working with middle and high school students with special needs, their families, and professionals in a special education area.

■ Professors

- Hyun-Jong Song, Ph.D.
[Educational Psychology and Counseling Psychology,
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- Doohyoo Lee, Ph.D.
[Educational Policy,
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- Hongjoong Cho, Ph.D.
[Education of Children with Physical Disabilities,
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- Soon-Ja Lee, Ph.D.
[Methodology of Early Childhood Education,
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- Eun Ko, Ph.D.
[Education of Language Auditory Children with Language and Auditory Impairments,
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- Hyeseung Choi, Ph.D.
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- Sook-Hyun Oh, Ph.D.
[Curriculum for Early Childhood Education,
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- Tae-Su Lee, Ph.D.
[Learning Disabilities, Subject Education,
taesu811@jnu.ac.kr]
- Woori Kim, Ph.D.
[Mild Disabilities, Teaching and Learning Methods in Special Education,
rnell777@jnu.ac.kr]
- Chung-Eun Lee, Ph.D.
[Education of Children with intellectual disability, Family support,
celeee@jnu.ac.kr]

■ Degree Requirements

Students are required to earn 150 credits to graduate.

Core Courses

■ General Studies

English for Global Communication 2 (3)
Chinese Classic in Korean (3)
Career Plan and Self Understanding (2)
Childhood Development and Education (3)
Teaching children with Learning Disabilities (2)
Educational Psychology (2)
Theoretical Foundations of Special Education (3)

■ Early Childhood Special Education

Educational Sociology (2)
Introduction to Early Childhood Education (3)
Curriculum in early childhood education (3)
Social Studies in Early Childhood Special Education (3)
Assessment and Evaluation of Early Childhood with Special Needs (3)
Education for Early Childhood with intellectual

disability (3)
Curriculum (2)
Subject Education to Early Childhood Special Education (3)
Language Education for Children with Disabilities (3)
Inclusion for Young Children with Disabilities and Individualized Family Support (3)
Education for Early Childhood with Emotional and Behavioral Disorders (3)
Education for Early Childhood with Multiple and Physical Disabilities (3)
Curriculum in School for the Handicapped (3)
Education for Early Childhood with Visual Impairment (3)
Early Childhood Special Education Profession (3)
Early Childhood Special Education Law and Policy (3)
Art Education for Young Children with Disabilities (3)

Behavior Modification for Young Children with Disabilities (3)
 Education for Early Childhood with Hearing Impairments (3)
 Education for Young Children with Learning Disabilities (3)
 Material Analysis and Teaching Techniques for Early Childhood Special Education (3)
 Administration and Management in Early Childhood Special Education Centers (3)
 Education for Early Children with Communication Disorders (3)
 Education for children with autism spectrum disorder (3)
 Natural Sciences Education for the Early Childhood with Special Needs (3)
 Parents Education for Young Children with Disabilities (3)
 Arithmetic Education for the Early Childhood with Special Needs (3)
 Teaching Method and Technology (2)
 Education Volunteer Service (2)
 A Course on Logic and Essay writing (2)
 Technology of Early Childhood Special Education (3)
 Music in Special Early Childhood Education (3)
 Theory and Practice of School Violence Prevention (2)
 Student Teaching Internship (2)
 Philosophy and History of Education (2)
 Educational Assessment (2)
 Educational Administration and Management (2)
 Practical Affairs for the Teaching Profession (2)
 Health and Safety Education for Children with Disabilities (3)
 Play Development and Movement Intervention for Early Childhood with Special Needs (3)

■ Elementary Special Education

Educational Sociology (2)
 Education for Student with intellectual disability (3)
 Education for Student with Hearing Impairments (3)
 Natural Sciences Education for the Handicapped (3)
 Art Education for the Handicapped (3)
 Integrated Subject of Elementary school (3)
 Clinical Assessment and Evaluation for the

Handicapped (3)
 Curriculum (2)
 Education for Student with Emotional and Behavioral Disorders (3)
 Education of the Multiple and Physical Disabilities (3)
 Language Education for the Handicapped (3)
 Music Education for the Handicapped (3)
 Theory of Mainstreaming for the Handicapped (3)
 Curriculum in School for the Handicapped (3)
 Education for Student with Visual Impairment (3)
 Social Sciences Education for the Handicapped (3)
 Practical Arts Education for the Handicapped (3)
 Curriculum in Elementary School (3)
 Education for Student with Learning Disabilities (3)
 Law & Policy in Special Education (3)
 Behavior Modification (3)
 Education for Student with Communication Disorders (3)
 Material Analysis and Teaching Techniques for Special Education (3)
 Arithmetic Education for the Handicapped (3)
 Physical Education for the Handicapped (3)
 Management of Classroom for the Handicapped (3)
 Education for the Handicapped's Parent (3)
 Counseling for Exceptional Children (3)
 Teaching Method and Technology (2)
 Education Volunteer Service (2)
 Theory of Transitional Education for the Handicapped (3)
 A Course on Logic and Essay writing (2)
 English Education in Elementary Special Education (3)
 Theory and Practice of School Violence Prevention (2)
 Student Teaching Internship (2)
 Philosophy and History of Education (2)
 Educational Assessment (2)
 Educational Administration and Management (2)
 Practical Affairs for the Teaching Profession (2)
 Special Subject Education (3)
 Professionals in Special Education (3)
 Technology of Special Education (3)

■ Secondary Special Education

Educational Sociology (2)
 Education for Student with intellectual disability (3)

Education for Student with Hearing Impairments (3)	Material Analysis and Teaching Techniques for Special Education (3)
Law & Policy in Special Education (3)	Korean Language Education for Secondary School Students with Disabilities (3)
Clinical Assessment and Evaluation for the Handicapped (3)	Management of Classroom for the Handicapped (3)
Curriculum (2)	Counseling for Exceptional Children (3)
Education for Student with Emotional and Behavioral Disorders (3)	Teaching Method and Technology (2)
Education of the Multiple and Physical Disabilities (3)	Education Volunteer Service (2)
Career and Vocational Education for the Handicapped (3)	Special Subject Education (3)
Mathematics Education for the disabled (3)	A Course on Logic and Essay writing (2)
Curriculum in School for the Handicapped (3)	Technology of Special Education (3)
Education for Student with Visual Impairment (3)	Theory and Practice of School Violence Prevention (2)
Education for Student with Learning Disabilities (3)	Student Teaching Internship (2)
Theory of Mainstreaming for the Handicapped (3)	Philosophy and History of Education (2)
Behavior Modification (3)	Educational Assessment (2)
Education for Student with Communication Disorders (3)	Educational Administration and Management (2)
	Practical Affairs for the Teaching Profession (2)

■ Careers

Students who graduate in this program will receive the special education teacher certification. The graduates work as special education teachers in schools or in disability rehabilitation centers; or alternatively as consultants, researchers in academic institutions, and as professors.