



GKNU GYEONGKUK
NATIONAL UNIVERSITY

Andong Campus

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Gyeongsangbuk-do, Korea
Phone: +82-54-820-5114 FAX: +82-54-820-7115

Yecheon Campus

114, Doripdaehak-gil, Yecheon-eup, Yecheon-gun,
Gyeongsangbuk-do, Korea
Phone: +82-54-650-0132 (Administrative Secretariat)

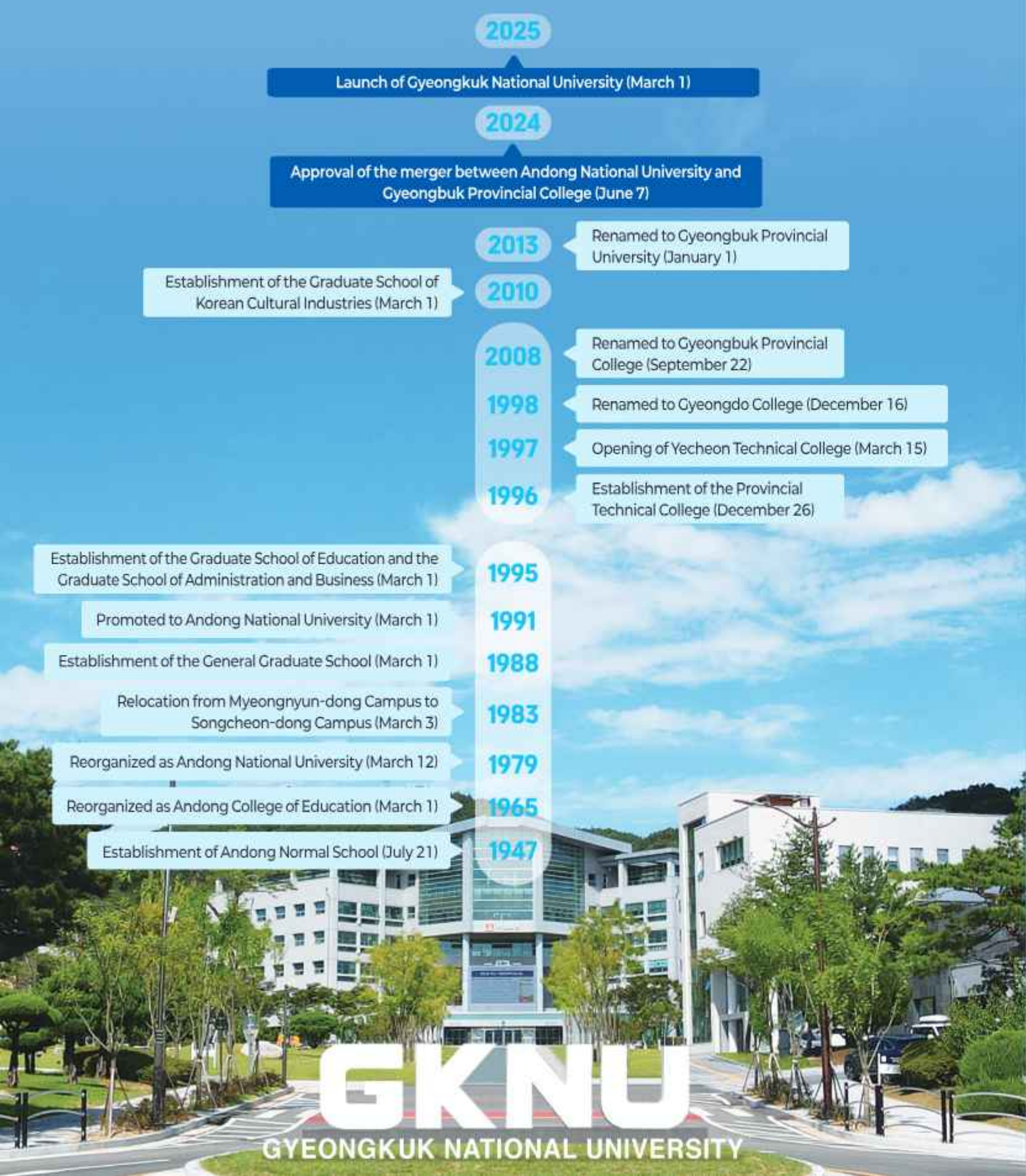
GKNU

Challenge to Next

The Power to Shape the Future

 GYEONGKUK
NATIONAL UNIVERSITY

History



Greetings

Gyeongbuk's Leading National University,
Cultivating the Talent of Tomorrow
Recognized as a Glocal University
by Korean Ministry of Education
Gyeongbuk National University



Warm Greetings from Gyeongbuk National University.

Since its founding in 1947, Gyeongbuk National University has built a proud legacy of academic excellence and tradition. Now, through the historic merger of Andong National University and Gyeongbuk Provincial College, we are reborn as Gyeongbuk National University, Korea's first-ever public-integrated national university.

The name "Gyeongbuk" reflects our identity as the national university of Gyeongsangbuk-do, reflecting our mission as the leading national university in the region. Designated as a Glocal University by the Ministry of Education, Gyeongbuk National University is committed to driving sustainable regional development while fostering outstanding talent to thrive in the global era—contributing to national development through sustainable growth.

Our university is composed of two campuses: the Andong Campus serves as a hub of convergence and innovation through integrated interdisciplinary colleges, while the Yecheon Campus focuses on public innovation rooted in the needs of the Gyeongsangbuk-do community. Together, these campuses form the foundation of a new model: a public university centered on K-humanities and global citizenship, striving for mutual growth with the local community through the development of regionally strategic disciplines.

We are committed to empowering students to design their own academic journeys, offering interdisciplinary programs tailored to diverse career paths. Our forward-thinking policies—such as full tuition waivers for incoming freshmen and annual academic incentive scholarships—underscore our commitment to becoming the premier national university of Gyeongbuk, nurturing the talent of the future.

As we embark on this exciting new chapter, we look forward to your interest and support in the future of Gyeongbuk National University, which has just spread its wings to the new era.

Thank you.

Chung Tai-Joo
President of Gyeongbuk National University

**A Leading Gyeongsuk National University,
Shaping the Talent of the Future**

Gyeongsuk National University Campus



Andong Campus

**Specializing in Humanities-ICT
and Bio-Vaccine Fields**

- Fostering Glocal talent in K-Humanities rooted in traditional Korean culture
- Nurturing AgTech professionals through convergence of agricultural life sciences and engineering
- Driving the growth of Gyeongbuk's vaccine industry through regional-industry-academia-research collaboration



Yecheon Campus

**Specializing in Public
Sector Demand**

- Leading regional development by cultivating talent tailored to local public sector needs

Mission & Vision

Mission

To nurture creative individuals who drive both regional and national progress

Vision

To become Gyeongbuk's leading national university, nurturing talent for the future

Core Talent Ideal

Our Ideal Graduate: Someone Who Realizes Their Dreams with Integrity and Purpose

Strategic Directions



The Power Behind Korea's Top National University A Total of 401.8 Billion KRW!

Designated as a Glocal University by the Ministry of Education

A 215 Billion KRW Support Over 10 Years

Backing Gyeongbuk National University Present and Future with Leading Results in National Initiatives



Selection as a Bio National Advanced Strategic Industry Complex! (Andong, June 27, 2024)

Designation as a Bio-Life National Industrial Complex! (Andong, March 14, 2023)

Designation of Hemp Regulation-Free Zone (Andong, July 7, 2020)

Incredible Tuition Exceptional Scholarships

Gyeongbuk National University, Where Students Come First

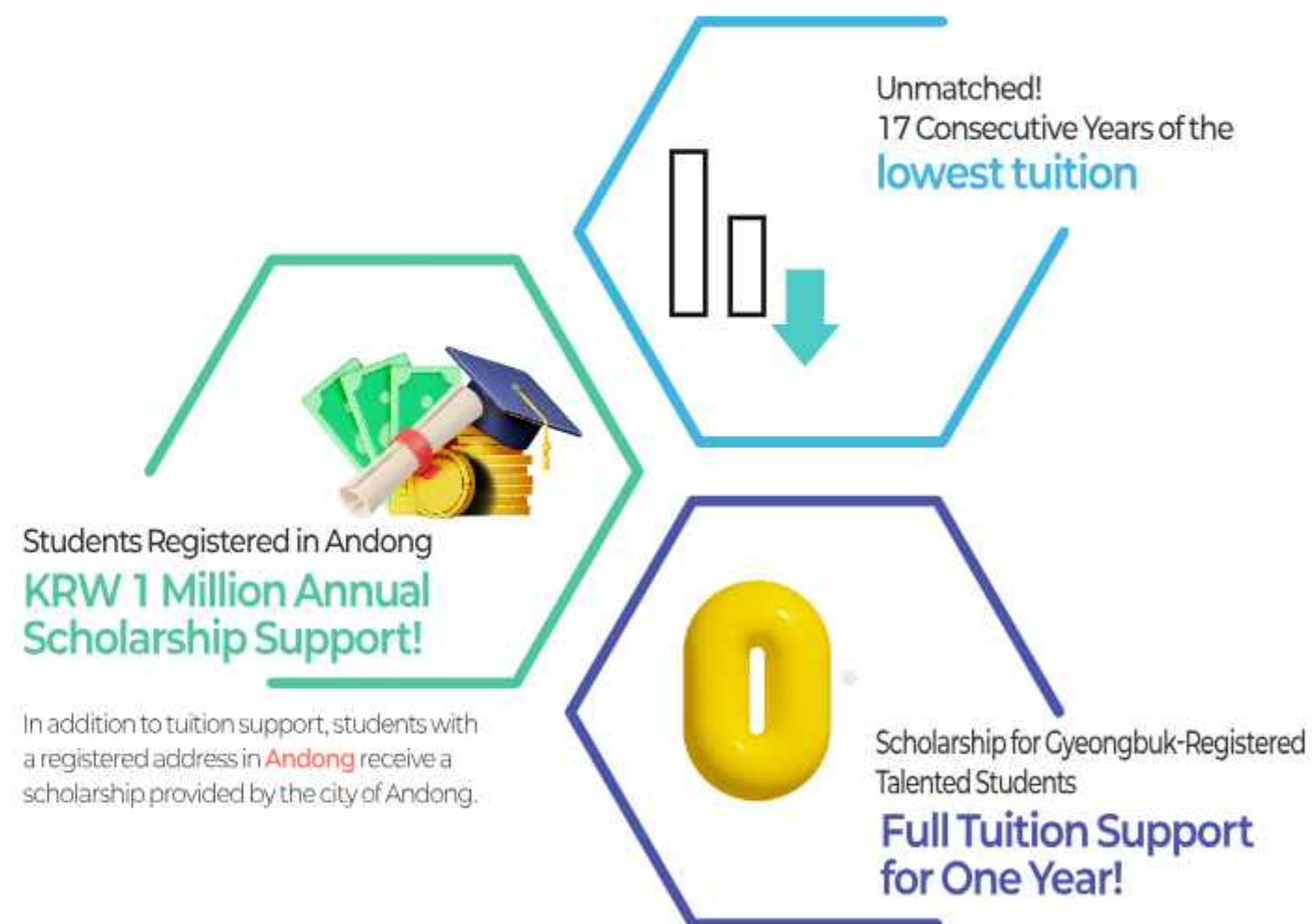
We provide unwavering support so that you can pursue your dreams without worrying about tuition costs.

Average Tuition for National Universities:

6.76 Million KRW

Average Tuition at Gyeongbuk National University:

3.74 Million KRW



☆ Including Transfer Students After Enrollment

☆ Scholarship Application Required (For detailed information such as address reference date and application procedure, please refer to the announcement)

A scholarship provided to students with a registered address in Gyeongsangbuk-do, based on their income level as determined by the National Scholarship Program.

Thorough and Structured Career Support

Gyeongbuk National University is dedicated to supporting students' successful employment! Through a structured program, We help students explore careers, strengthen job-related skills, and enhance job search strategies, providing support across their entire career journey.

Category	Employment-related Courses	Certifications	Career Counseling for Employment	Extracurricular Activities	Youth Employment Policies
1st Year	University Life and Career Exploration	ITQ, Photoshop Level 2, Notion Usage, etc.	Confirming College Counselor through Participation in the University Job Plus Center for 1st Year Students	Internal and External Activities (Contests, Supporters, Student Reporters, Volunteer Work, Student Ambassadors, Mentoring)	Ontong Youth Policy Consultation (via KakaoTalk, Online Board, or Phone)
2nd Year	The World of Professions and Career Choice	Basic Vocational Skills Certifications, Computer Skills Level 2, CAD Level 2, Photoshop Level 2, Basic Foreign Language Proficiency	Participation in Co-curricular Programs for 1st and 2nd Year Students at the University Job Plus Center, Starting Career Counseling	Internal and External Activities (Contests, Supporters, Student Reporters, Volunteer Work, Student Ambassadors, Mentoring)	Ontong Youth Policy Consultation (via KakaoTalk, Online Board, or Phone)
3rd Year	Employment Competency Development	Major-related Vocational Skills Certifications, Computer Skills Level 1, CAD Level 1, Six Sigma, HACCP, NCS, ERP-HR/Accounting/Logistics/Production, ISO9001/14001, CATIA, CIMP, BLS, etc.	Participation in Expert Lectures, Motivation Enhancement, Group Job Counseling, and Career Group Counseling at the University Job Plus Center	External Activities and Acquisition of Industrial Engineer Certificates for Job-related Internships and Career Exploration	Application for Youth National Technical Qualification Exam Fee Support Program
4th Year	Practical Job Preparation	Obtaining Advanced Certifications (Engineer Level, SQLD, Distribution Manager, Logistics Manager), Strengthening Job Search Skills (Resume, NCS, Aptitude Tests, Interviews, Company Analysis, etc.)	University Job Plus Center, Excellent Company Recruitment Briefings, Employment Matching, Focused Job Placement Counseling	Job-specific Advanced Training, K-Digital Training, Gyeongbuk HUSTAR, HRD, NET Vocational Training, Work Experience, Employment Academy, and Acquisition of Engineer-level Certifications	Application for National Tomorrow Learning Card, Local Government Winter/Summer University Student Internship
Graduates & Local Youth	Youth Employment Policies, Utilization of the National Employment Support System, Provision of Employment Services	Focused Job Placement and Employment Matching	Participation in Job Fairs, Focused Job Placement and Employment Matching	Job-specific Advanced Training, K-Digital Training, Gyeongbuk HUSTAR, HRD, NET Vocational Training, Work Experience, and Employment Academy	Application for National Employment Support Program

One Step Closer to Employment! Career Academy

To turn my dream into reality—one step closer to the perfect job! Gyeongbuk National University systematically enhances students' core competencies through the Student Competency Management System (CANU), which provides structured oversight of both learning processes and outcomes.



Numerous successful employment outcomes through the Career Academy



Strengthening Talent Recommendation and Industry Collaboration

We connect top talent with leading companies through tailored recommendations, job shadowing, hands-on training, internships, and joint project opportunities. With our comprehensive and structured career support services, we help make your dreams a reality.



Career Development Headquarters	P. +82-54-820-7072~5 F. +82-54-820-7078 E. job@gknu.ac.kr
Career Support Division	P. +82-54-820-6371 M. +82-10-8717-4476 E. ahaid@gknu.ac.kr
University Job Plus Center	P. +82-54-820-7083~6 E. job@gknu.ac.kr

Global GKNU

Status of International Exchange Program Partner Institutions at Gyeongbuk National University
Gyeongbuk National University (GKNU) is steadily evolving into a globally connected institution through exchange programs with 164 universities and organizations across 36 countries.



Wide-Area Department System

We've eliminated departmental barriers to promote cross-disciplinary, hands-on learning.
Gyeongbuk National University strengthens students' rights to choose majors and supports their future career planning through customized interdisciplinary education.

What is the Broad-based Department System?

After a period of major exploration in the first semester of the first year, students are free to choose their major within the department in the second semester of their first year.

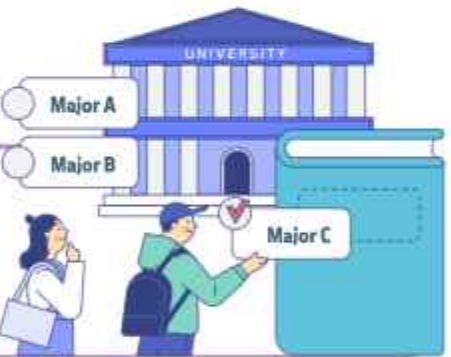


Exploratory Studies Department

After the first-year major exploration process, we guarantee 100% freedom of choice in selecting the desired major (department).

Students have the freedom to choose their major after completing their first-year exploration.

※ Exceptions to major selection : All programs in the College of Education, the Department of Nursing, and the Department of Adult Learners.



Changing Majors

No restrictions on changing majors or department transfers!

※ Major changes are not allowed for the College of Education, Department of Nursing, or Department of Adult Learners.

100%
Guaranteed

Department Introduction

Andong Campus

College of Humanities, Social Sciences, and IT



The humanities are intellectual disciplines that delves into existential issues of human beings, desirable values and philosophies, past history, and contemporary ways of life through subjects such as literature, history, philosophy, and culture. It serves as a learning hub dedicated to the scholarly exploration and practical application of the essence of human existence and artistic sensibility.

Department of Humanities and Cultural Studies Major in Korean Language and Literature | Major in Chinese Language, Literature, and Culture | Major in Chinese Character Culture and Content | Major in Cultural Heritage Studies | Major in Media and Cultural Communication | Major in History

Department of Computer and Software Engineering Studies Major in Computer Engineering | Major in Software Convergence Studies

Department of Social Sciences Major in Business Administration | Major in Accounting and Taxation | Major in Economics | Major in International Trade | Major in Law | Major in Public Administration | Major in Cultural Tourism | Major in Data Science

Department of Fashion, Arts, and Sports Studies Major in Fashion Lifestyle | Major in Performing Arts and Music | Major in Fine Arts | Major in Physical Education

College of Life Sciences and Engineering



In the field of life sciences, students learn applied fields such as biotechnology, agriculture, and life sciences based on fundamental scientific knowledge of living organisms' structure, function, and ecology. In the field of engineering, students study foundational engineering knowledge in areas such as electrical and electronic engineering, mechanical engineering, architectural and environmental engineering, and new materials engineering, as well as convergent engineering technologies. By combining life sciences and engineering, we foster creative interdisciplinary talent who can contribute to regional industry and societal development.

Department of Bio and Biomedical Engineering Studies Major in Life Sciences | Major in Vaccine Biotechnology | Major in Smart Horticultural Science | Major in Forestry Science | Major in Plant Medicine | Major in Food Biotechnology | Major in Chemical Biomedical Engineering

Department of Construction, Environmental, and Architectural Engineering Studies Major in Construction Systems Engineering | Major in Environmental Engineering | Major in Architectural Engineering | Major in Earth Environmental Science

Department of Electronics and Mechanical Engineering Studies Major in Mechanical Engineering | Major in Robotics Engineering | Major in Electronics Engineering | Major in Digital ICT Engineering | Major in Smart Sensor Engineering

Department of Electrical and New Materials Engineering Studies Major in Electrical Energy Engineering | Major in New Materials Energy Engineering | Major in Semiconductor and New Materials Engineering

Major in Smart Mobility Engineering

College of Education



The College of Education focuses on practical training and field experience to prepare students for various situations they may encounter in educational settings. It supports students in developing practical problem-solving skills through hands-on experience.

Major in Korean Language Education | Major in Ethics Education | Major in English Education | Major in Educational Technology | Major in Mathematics Education | Major in Computer Education | Major in Electrical and Electronics Education | Major in Mechanical Education | Major in Early Childhood Education

College of Health and Welfare



The College of Health and Welfare strives to train compassionate global health leaders equipped with integrity and practical competence. It trains professional talents who will lead in health promotion and improving quality of life in areas such as nursing, nutrition, and social welfare.

Department of Nursing Studies / Department of Food and Nutrition

Department of Social Welfare and Counseling Studies Major in Social Welfare | Major in Psychological Counseling

Department of Adult Learners Major in Sports and Leisure | Major in Social Welfare

Department of Undeclared Majors



Through a curriculum that spans across the humanities, social sciences, science, and technology fields, the Department of Undeclared Majors offers specialized major exploration and mentoring programs, helping students prepare for the future.

Yecheon Campus

University for Public Demand-driven Talent



Through practice-oriented education, the university produces highly skilled professionals with expertise in various fields, developing innovative and accountable professionals who serve public needs.

Department of Animal Life Engineering | Department of Mobility Design Engineering | Department of Fire Safety and Disaster Management Studies | Department of Emergency Medical Technology

College of Humanities, Social Sciences, and IT

Fostering globally-minded creative individuals with interdisciplinary thinking and practical expertise.

The College of Humanities, Social Sciences, and IT consists of the Department of Humanities and Culture, the Department of Computer and Software Engineering, the Department of Social Sciences, and the Department of Fashion, Arts, and Physical Education. Based on interdisciplinary integration in the fields of humanities, arts, society, and IT, the college offers a wide range of programs, including interdisciplinary majors, micro-degrees, and nano-degrees that directly align with employment and entrepreneurship. These programs aim to cultivate creative global leaders with expertise and practical skills capable of leading the international community.

▲ Department of Humanities and Culture: Comprising majors like Korean Language and Literature, Cultural Heritage Studies, Media and Communication, History, Chinese Language and Culture, and Chinese Character Culture and Content, this department nurtures individuals with both depth in the humanities and practical applicability. It leads the global spread of K-Humanities, connecting tradition and modernity, and fostering education and research that links local and global perspectives. ▲ Department of Computer and Software Engineering: Focused on nurturing professionals to lead the 4th Industrial Revolution, this department offers integrated education in computer engineering and software convergence. It provides students with cutting-edge knowledge and practical skills in IT and software, preparing them for expert roles across a wide range of industries. ▲ Department of Social Sciences: With majors in Business Administration, Accounting and Taxation, Trade, Economics, Law, Public Administration, Cultural Tourism, and Data Science, this department offers students the opportunity to explore their fields of interest and grow according to their individual aspirations. The wide-ranging knowledge and experiences gained will form a solid foundation for taking leadership roles in society. ▲ Department of Fashion, Arts, and Physical Education: Composed of majors in Fashion Lifestyle, Fine Arts, Performing Arts and Music, and Physical Education, this department specializes in nurturing experts in fashion, art, and sports. Through a combination of theoretical knowledge and practical skills, students gain the expertise necessary to compete in the global market.

This structure equips students with both in-depth knowledge and practical skills to succeed in today's rapidly changing global landscape.



Department of Humanities and Cultural Studies

Department of Korean Language and Literature

The Department of Korean Language and Literature aims to cultivate individuals who can contribute to the understanding and creative development of our national culture through a rigorous study of the Korean language and literature. To foster academic enthusiasm, the department organizes regular academic field trips and presentation sessions that not only enhance students' expertise but also strengthen their capabilities as scholars and leaders.

► Career Paths and Prospects

- Educators
- Government and public enterprises
- Media industry
- Literary circles
- Research institutes

Additionally, graduates may choose to continue their studies in graduate school. Recently, there has been a growing trend of graduates entering fields such as web novel writing and webtoon creation.

Major in Chinese Language and Culture

The Major in Chinese Language and Culture aims to cultivate professionals with a deep understanding of China, a rapidly emerging economic powerhouse on the global stage. The curriculum focuses on various fields, including Chinese linguistics, literature, and culture, to equip students with the knowledge and skills needed to thrive in the global era.

Currently, the program is led by two Korean professors and two Chinese professors, fostering experts who can work in China-related fields. Each year, many students participate in exchange programs or study abroad for one or two semesters in China or Taiwan.

► Career Paths and Prospects

- Middle and high school Chinese language teaching
- Translation and interpretation
- Tour guiding
- Flight attendant positions
- Trade companies
- Government and public enterprises
- Broadcasting stations
- Journalism
- Media and publishing
- Public service
- Graduate studies

Major in Chinese Character Culture and Content

The Major in Chinese Language and Culture aims to cultivate professionals with a profound understanding of China, a rapidly emerging economic powerhouse on the global stage. The curriculum covers various fields, including Chinese linguistics, literature, and culture, equipping students with the knowledge and skills required to thrive in the global era.

Currently, the program is led by two Korean professors and two Chinese professors, fostering experts capable of working in China-related fields. Each year, many students participate in exchange programs or study abroad for one or two semesters in China or Taiwan.

► Career Paths and Prospects

- Classical Chinese language teachers
- Public servants
- Researchers
- Translators
- Curators
- Media and publishing specialists
- Cultural content developers
- And more

Department of Humanities and Cultural Studies

Major in Cultural Heritage

The Major in Cultural Heritage Studies focuses on the significance, meaning, and modern applications of cultural heritage, with a particular emphasis on Korean traditional culture and folklore. The program explores both intangible cultural heritage, such as daily life, folk religion and rituals, folk arts and games, myths, and folk songs, as well as tangible cultural heritage, including architecture, ruins, and artworks. Students gain a deep understanding of the value and significance of these elements, while learning about the evolution of Korean lifestyles and traditions from the past to the present. This knowledge equips them with the skills necessary to work as cultural heritage experts both within Korea and internationally. Furthermore, the program develops students' ability to apply their extensive learning to fields with rapidly growing demand, such as film and drama, festivals and events, museum exhibitions and education, performing arts, and storytelling.

Major in History

History is an academic discipline that aims to establish a scientific understanding of the past while fostering a subjective historical consciousness. It broadens our understanding of both human culture and Korean culture. In addition, history plays a pivotal role in expanding our comprehension of diverse historical and cultural contexts from both the East and West, positioning it as a fundamental component of the cultural industry.

Major in Media Culture and Communication

The Major in Media, Culture, and Communication aims to cultivate experts by fostering a deep understanding of cultural content, media communication, and regional cultural traditions, while encouraging creative thinking and interdisciplinary communication skills. The program's distinctive features lie in its integration of humanistic knowledge and cultural understanding with practical abilities. It promotes the cultural convergence of tradition and modernity, the innovative use of new media and video technologies, and the contemporary interpretation and application of cultural resources.

► Career Paths and Prospects

Graduates may pursue careers in the following areas:

- Curators at national and public museums
- University professors
- Officials in the Cultural Heritage Administration
- Researchers at cultural heritage foundations
- Cultural research institutions
- Academia professionals
- Broadcasting and media professionals

Recently, many graduates have expanded into diverse cultural industries, including:

- Cultural content development
- Cultural tourism
- Festivals

This expansion has led to the creation of new career opportunities in these fields.

► Career Paths and Prospects

- Secondary school history teachers
 - Researchers at government-affiliated and various humanities research institutes
 - Curators
 - Cultural administration officials at local governments
 - Professionals in cultural content industries, such as broadcasting, film, advertising, animation, etc.
- These fields offer promising opportunities for growth and career advancement.

► Career Paths and Prospects

- Media content and cultural content planners and producers
- Cultural arts educators
- Regional cultural specialists
- Producers
- Broadcast writers
- Storytellers
- Video experts
- Exhibition planners
- Cultural heritage media creators

These careers offer diverse opportunities in the media, cultural, and arts industries.

Department of Computer and Software Engineering studies

Major in Computer Engineering

The Major in Computer Engineering is designed to nurture passionate individuals who will lead the AI era, focusing on developing next-generation engineers at the forefront of digital innovation. The program emphasizes problem-solving abilities and creativity, empowering students to achieve outstanding results in the IT field. From AI-driven software development to hardware design, the curriculum is based on cutting-edge technologies, equipping students with the expertise needed to tackle real-world problems.

The Computer Engineering department has earned top rankings for departmental competitiveness, gaining widespread recognition for its excellence. The curriculum is regularly updated to incorporate the latest developments in computer engineering, ensuring that students receive the most current knowledge and skills.

Equipped with state-of-the-art computers and practical tools, the department offers an environment where students can directly experience and learn the skills required in the professional world. Students benefit from full research support and various scholarship opportunities through participation in national projects.

The program maximizes learning efficiency through personalized guidance and support at every stage of the academic journey, offering hands-on experience and skill development through internships during both the academic year and vacation periods. Students also have opportunities to strengthen their expertise by participating in team projects and submitting research papers at academic conferences through departmental clubs.

Students benefit from a comfortable study environment, with access to well-equipped labs, study cafes, and self-study spaces on campus.

► Career Paths and Prospects

- IT-related large corporations and startups
- Public institutions
- Research institutes
- Academia
- International opportunities

They can also enter various fields of computer engineering, including:

- Artificial intelligence
- Computer security
- Web and mobile app development
- Programming
- Public service roles in computing
- Systems engineering
- Database design and management
- Network administration
- And more

Major in Software Convergence

The Major in Software Convergence aims to cultivate skilled professionals who are prepared with essential skills to lead in the era of the Fourth Industrial Revolution, underpinned by a strong foundation in both software knowledge and practical skills.

The program has been selected for the 3rd phase of the Software-Centered University (SWCU) project, overseen by the Ministry of Science and ICT, and is receiving a total of 5 billion KRW in national and local government funding over two years, starting in January 2023.

Students in the program benefit from a wide range of opportunities, including industry-academia collaboration projects, capstone design-related internships, overseas university education, international joint projects, cutting-edge software practice environments, and SWCU mileage scholarships. These offerings are designed to enhance students' academic capabilities and boost their employment prospects.

► Career Paths and Prospects

- Software development, Mobile apps
- Web development, Content creation
- Game design, Digital video
- Artificial intelligence, Network security
- Software management
- And other specialized fields in software convergence

The program offers excellent employment prospects and high-quality career pathways, thanks to its interdisciplinary curriculum, which is well-aligned with the demands of the convergence era.

Department of Social Sciences studies

Major in Data Science

The Department of Data Science aims to cultivate interdisciplinary and practice-oriented experts in data science, with a strong foundation in statistics, to meet the demands of the Fourth Industrial Revolution. The program provides a structured curriculum tailored to each academic year, ensuring the development of highly competitive data professionals. Additionally, a variety of extracurricular programs are offered to enhance students' practical skills and competencies, delivering an exceptional educational experience.

Major in Business Administration

Training Innovative and Essential Business Leaders for the Modern Workplace

- Students study essential subjects for effective organizational management, including human resource management, marketing, financial management, management information systems, and quality management.
- The curriculum incorporates training in critical business areas for the digital era, such as big data analysis, application, and digital marketing.
- Employment-focused programs, including internships, field practice opportunities, and job strategy initiatives, are offered to enhance career prospects.

Unique Club and Award Achievements

- Students engage in various academic clubs, including Re-Ma-Ban (marketing), FFIST (finance), GAIA (entrepreneurship), and Columbus (marketing competitions and graduate school preparation).
- In 2023, students participated in five nationwide business competitions, with nine teams and 39 students winning awards.
- In 2024, participation increased to nine competitions, with 14 teams and 52 students securing awards.
- Students have gained hands-on experience, earning 16 awards in startup contests and filing 41 patents.
- Many alumni have become CEOs at companies such as Pfizer, Hyundai Engineering, and Cham Savings Bank, while others have founded successful businesses like S-FORM, forming a strong and influential alumni network.

► Career Paths and Prospects

- Big data specialists, Data scientists
- Data engineers, Artificial Intelligence experts
- These roles span a wide range of industries, including:
 - Healthcare, Finance, Energy, Beauty
 - Gaming, And more.

► Career Paths and Prospects

- **Corporate Management** : General management, operations management, strategic planning, and roles within companies and government agencies.
- **Human Resources** : Recruitment, employee relations, training and development, and organizational development.
- **Finance** : Financial analysis, investment banking, corporate finance, financial planning, and asset management.
- **Marketing** : Advertising, brand management, market research, and related fields.
- **Business Consulting** : Advising organizations on improving performance and achieving strategic goals.

Major in Accounting and Taxation

The Major in Accounting and Taxation provides a comprehensive curriculum designed to cultivate experts in the fields of accounting and taxation. The program is led by a distinguished faculty with strong research expertise and professional credentials, including the Korean Certified Public Accountant (KICPA) and American Certified Public Accountant (AICPA) qualifications.

Students develop essential competencies in:

- The production and reporting of accounting information
- Financial information analysis and interpretation
- Understanding tax theory and applying practical tax skills
- Strategic decision-making in management

Major in Economics

The Major in Economics boasts a globally competitive faculty with expertise in financial economics, public economics, and big data analysis, having trained at prestigious universities in the United States, France, Australia, and other leading institutions. The program provides a competitive edge in financial, public, and applied economics, offering essential courses for careers in finance and corporate sectors. The curriculum emphasizes building strategic thinking and practical skills to navigate economic and social transformations.

Major in International Trade

The Major in International Trade is dedicated to the academic mission of driving economic growth through international trade, focusing on the development of specialized trade professionals and fostering the character traits required of international experts. To achieve this, the program analyzes and understands various aspects of international trade and commerce, and fosters insights and real-world adaptability in global trade and commerce and trade practices based on specialized knowledge.

Major in Physical Education

The Major in Physical Education aims to train professionals who can foster holistic personal development engaging in physical activities by providing both direct and indirect knowledge essential for the sports field. The program focuses on developing comprehensive knowledge of physical education, alongside practical skills, to developing versatile leaders in the field.

► Career Paths and Prospects

The growing demand for accounting and tax professionals has significantly increased employment opportunities in this field. Program graduates may work as:

- Certified Public Accountants (CPAs)
- Tax Accountants
- Tax Officials in national and local government agencies
- Accounting and Taxation Experts in both public and private sectors

► Career Paths and Prospects

- Finance
- Industry
- Government agencies
- Public institutions
- Academia
- Research institutes
- Media outlets

► Career Paths and Prospects

- General business
- Government agencies related to trade and commerce
- International organizations
- Trade-related institutions
- Financial institutions
- Customs expertise
- Starting trade-related businesses

► Career Paths and Prospects

- Health Exercise Managers
- Sports Psychology Counselors
- Public and Private Sports Managers
- Coaches and Trainers in various sports
- Sports Journalists / School Sports Instructors
- Sports Facility Safety Officers
- Rehabilitation and Personal Trainers
- Researchers in the field of sports

Department of Social Sciences studies

Major in Law

The program aims to cultivate practical professionals who can effectively interpret legal frameworks and apply norms in practical contexts.

- The program guarantees success in a range of public servant positions, including 7th-grade positions (labor and employment), judiciary, prosecution, police, firefighting, education administration, general administration, corrections, immigration, postal services, and tax-related roles.
- Over the past five years (2019~2023), more than 50% of students have passed public servant exams relative to the total number of enrolled students.
- The program offers a Legal Practice Certification Track, mock trial classes, and visits to law-related institutions.
- Outstanding students are eligible for scholarships through the Law Department's development fund.

► Career Paths and Prospects

- **Public Servants**: Positions in the judiciary, prosecution, labor and employment, customs, corrections, education administration, general administration, police, firefighting, military service, social welfare, immigration, legislative roles, and labor inspectors.
- **Legislative Assistants or Advisors** to National Assembly and local council members, Legal Assistants, Employment in public enterprises, and private companies.
- **Specialized Roles**: Certified Labor Consultant, Customs Broker, Legal Affairs Specialist, Administrative Specialist, Appraiser, Patent Attorney, Lawyer, Career Counselor, and more.

Major in Cultural Tourism

We are living in an era where culture and tourism are intertwined. People engage in cultural and tourism activities anytime and anywhere, contributing to the rapid growth and specialization of the cultural tourism market. In line with these trends, the Major in Cultural Tourism trains professionals in cultural content planning, cultural tourism product development, and the cultural industry.

► Career Paths and Prospects

- Travel Services, Hotels
- MICE (Meetings, Incentives, Conferences, and Exhibitions)
- Convention Planning Companies (PCOs)
- Government and public institutions in the tourism sector
- Airlines and Cruise Lines
- Food Service Industry
- The Cultural Industry

Major in Public Administration

The goal of the program is to cultivate talented individuals for government and public institutions to contribute to effective public administration.

- The program provides essential knowledge in areas such as human resources, organization, finance, and public administration, fostering competent public servants.
- Structured exam prep sessions are offered to support civil service success, covering subjects such as English (vocabulary and previous questions), public administration, administrative law, Korean history, and a study group for regional talent for the 7th-grade exam.
- **Public Servant Exam Success Rate**
- Over the past five years (2019~2023), the pass rate for the public servant exam has exceeded 70% compared to the admission quota, with an average of 20 students passing per year!
- In 2023, 28 students passed the public servant exam, with 21 passing for the 9th-grade exam, 4 for police/firefighter roles, and 3 for other positions.

► Career Paths and Prospects

- **Government Agencies**: Local governments, courts, National Assembly Secretariat, and more.
- **Public Enterprises and Institutions**: National Health Insurance Service, Korea Water Resources Corporation, and other public sector organizations.
- **Other Institutions**: Educational institutions, financial institutions, media organizations, and more.

Department of Fashion, Arts, and Sports studies

Major in Fashion and Lifestyle

- The program develops creative and professional talent in the fashion and lifestyle fields, equipping students with practical skills in the use of digital tools.
- Students consistently receive numerous awards in competitions and for outstanding theses.
- The department has been recognized for its specialization, offering interdisciplinary majors in digital media design, with opportunities for overseas internships and employment.

► Career Paths and Prospects

- Fashion and Lifestyle Designers
- Merchandising Directors (MD)
- Stylists
- Media Creators
- Cultural Product Designers
- Content Developers

Major in Fine Arts

The Major in Fine Arts offers specialized fields in Korean Painting, Western Painting, and Three-Dimensional Sculpture. The program provides professional education in both theory and practice in the field of fine arts, alongside a teacher certification program (secondary education certification) and courses designed to enhance employment capabilities. These include training in Photoshop, Illustrator, After Effects, Premiere, and 3D programs like Z-Brush, 3D MAX, and Maya.

The department also offers various interdisciplinary programs, such as Meta-K-Art cultural content integration, cultural heritage restoration, and urban space sculpture art. Additionally, internships and tailored employment opportunities are supported through MOUs with public institutions and companies, contributing to a 2023 employment rate of 72.7%.

► Career Paths and Prospects

- Artists, University Professors
- Secondary School Teachers
- Museum and Gallery Curators (Curatorial Specialists)
- Cultural Heritage Restoration Experts
- Digital Heritage Restoration Specialists
- Cultural Content Planners and Developers
- Media Content Creators, Webtoon Artists
- 2D & 3D Animators, Character Designers
- Illustrators, Film and Drama Art Directors
- Public Art Creators, Corporate Art Planners
- 3D Program Creators
- Metaverse Content Creators
- AR/VR Content Producers, And more.

Major in Performing Arts and Music

The Major in Performing Arts and Music focuses on enhancing practical skills in music performance while deeply studying relevant music theory. A broad range of courses is offered, with diligent lectures provided by experienced professors to foster the development of creative musicians.

The department is housed in a dedicated building, boasting a scale comparable to many private university music schools nationwide. The facility includes:

- A newly built concert hall with over 300 seats.
- A computer music studio, An opera rooms, Rehearsal rooms
- A piano ensemble rooms
- Practical music rehearsal rooms, each equipped with cutting-edge audiovisual and HVAC systems.

Additionally, the department provides 36 practice rooms, offering ample space for students to rehearse. These rooms are equipped with comfortable climate control systems to ensure a pleasant practice environment.

► Career Paths and Prospects

- Professional Performers, Educators
- Music Therapists
- Cultural Arts Educators (Level 2)
- Music Academy Operators
- University Professors
- Lecturers
- Broadcasters
- And in various fields of the IT industry, among others.

College of Life Sciences and Engineering

Lead the 4th Industrial Revolution technologies to
pioneer and create a new future.

The College of Life Sciences and Engineering, a specialized college, is composed of the following departments:

▲ Department of Bio and Biomedical Engineering ▲ Department of Civil, Environmental, and Architectural Engineering ▲ Department of Electrical and Mechanical Engineering ▲ Department of Electrical and New Materials Engineering ▲ Department of Smart Mobility Engineering The college is committed to nurturing creative talent through innovative education.

Its mission is to contribute to various sectors, including bio, agricultural and life sciences, food, civil and environmental engineering, electrical and mechanical engineering, and electrical and new materials engineering. The college focuses on developing interdisciplinary professionals who are well-prepared for governmental policy changes and aligned with regional industries.

With the advancement of 4th Industrial Revolution technologies such as robotics, big data, artificial intelligence, and autonomous driving, the college is particularly focused on nurturing creative engineers. These engineers are expected to merge various fields to develop new ideas and innovative products. The ultimate goal is to produce globally competitive engineers capable of leading the 4th Industrial Revolution by integrating essential elements of robotics, sensors, new materials, mechanical technologies, and ICT.



Department of Biomedical Engineering Studies

Major in Life Sciences

The Major in Life Sciences focuses on education and research, covering fundamental disciplines such as zoology, botany, and microbiology, as well as advanced biotechnology, which contributes to the field of bioengineering. The program aims to cultivate well-rounded, creative, and globally conscious professionals capable of contributing to the preservation of biodiversity, ecosystem restoration, and the development of bio-based new drugs and vaccines.

Additionally, the program focuses on creating new, high-value-added bioengineering materials using hemp and natural resources, preparing the next generation of scientific talent to make significant contributions to various fields of bioengineering.

► Career Paths and Prospects

Graduates can pursue further studies in graduate schools, overseas studies, or research positions at:

- University Hospitals
- National and Public Institutions
- Pharmaceutical Companies
- Companies related to food, environment, and ecology
- Other life sciences-related enterprises

Department of Vaccine Biotechnology

The Major in Vaccine Biotechnology trains specialized professionals in the field of vaccine and biopharmaceutical research and development to effectively respond to the frequent emergence of new infectious diseases, including viruses and bacteria. The program is built on foundational knowledge in biochemistry, immunology, molecular biology, and more. It offers a differentiated curriculum designed to cultivate advanced professionals with the practical skills necessary for the vaccine industry and advanced biotechnology fields.

Additionally, the program provides internships and field training in collaboration with local vaccine-related research institutes and companies, such as SK Bioscience, the Animal Cell Verification Support Center, and the Vaccine Commercialization Center. This hands-on training ensures the cultivation of tailored talent needed in the industry. With a faculty possessing world-class research capabilities, the program integrates both undergraduate and graduate-level education to continually produce creative research outcomes and cultivate master's and doctoral-level professionals.

► Career Paths and Prospects

- Graduate students in related fields
- Professionals at vaccine institutions such as SK Bioscience and the Animal Cell Verification Support Center
- Employees in government health agencies like the Korea Disease Control and Prevention Agency (KDCA), Animal and Plant Quarantine Agency, and the Ministry of Food and Drug Safety
- Researchers in university hospital research institutes
- Workers at pharmaceutical companies, vaccine and pharmaceutical-related companies, and biotech firms specializing in life sciences and vaccine development

Major in Smart Horticultural Science

The Major in Smart Horticultural Science focuses on learning and researching cultivation management techniques for high-quality horticultural crops, based on an understanding of the characteristics and physiology of various horticultural crops. It also emphasizes mass propagation and the development of superior new varieties using tissue culture and advanced biotechnology techniques. Additionally, the program offers practical courses such as well-being horticulture, agri-tourism, and environmental horticulture, which align with the latest trends. The goal is to train top-tier horticultural experts, both domestically and internationally.

► Career Paths and Prospects

- Professionals in public and private research institutes related to horticulture
- Employees at agricultural technology centers, plant quarantine agencies, and agricultural import/export companies
- Workers in horticultural product processing and distribution companies
- Professionals in agricultural materials companies, horticulture academies, and indoor landscaping fields

Department of Biomedical Engineering Studies

Major in Forest Science

The Major in Forest Science is a crucial field for the 21st century, focusing on the sustainable management and use of forests as a resource to counteract the impacts of climate change and promote a richer human life. This program emphasizes forest resource creation, forest protection, sustainable forest management, and forest therapy, combining theory and practical skills in forest science. It aims to cultivate professionals who are both future-oriented and specialized in enhancing public functions and the value of life through forest conservation.

► Career Paths and Prospects

- Professionals in the Korea Forest Service, local government forestry departments, agriculture and environmental offices, and the National Institute of Forest Science
- Employees at national and public arboreta, the National Ecological Institute, the Korea National Park Service, forest therapy centers, the Korea Forest Conservation Association, and the Korea Forest Fire Association
- Workers in forest management companies, forestry cooperatives, corporate biological research labs, specimen centers, and plant and animal quarantine stations
- Professionals in industries related to pharmaceuticals, cosmetics, and food production

Major in Plant Medicine

The Major in Plant Medicine is a specialized field of applied biology focusing on diagnosing and treating plant diseases caused by microorganisms, plant damage caused by pests, and physiological disorders. It covers fundamental biological disciplines such as microbiology (bacteria, fungi, viruses), entomology (insect diversity, pests, natural enemies), insect physiology, genetics, molecular biology, ecology, and statistics, as well as applied fields like plant disease and pest diagnosis, eco-friendly pest control, beekeeping, pesticide toxicity, and plant quarantine. The program helps students acquire professional certifications such as the Plant Protection Engineer and Arborist, training them to become specialized plant doctors and practical experts in the insect industry.

► Career Paths and Prospects

- Employees at institutions such as the Rural Development Administration, Korea Forest Service, Ministry of Agriculture, Food and Rural Affairs, National Agricultural Science Center, National Institute of Forest Science, Animal and Plant Quarantine Agency, Agricultural Products Quality Control Agency, and Nakdong-gang(River) Biological Resources Center
- Professionals in public service positions in agricultural research and guidance
- Workers in agricultural cooperatives, plant hospitals, forestry cooperatives, agricultural pesticide firms, biological science companies, and honey production cooperatives

Major in Chemical and Biological Engineering

As an interdisciplinary program based on natural sciences and engineering knowledge, it aims to cultivate scientists and engineers with broad knowledge and character, not only in traditional chemical industries but also across various fields such as BT, IT, and NT. Chemical and biological engineering knowledge, along with expertise in nanotechnology, semiconductors, biotechnology, and environmental science and technology, are core technologies that drive future industries in the 21st century. These fields are crucial for high-value-added and high-growth industries. In response, our program operates a curriculum that meets the demands of future society, focusing on the cultivation of professionals capable of demonstrating their abilities in various fields, based on fundamental disciplines and engineering knowledge, with logical thinking and rational understanding.

► Career Paths and Prospects

- Companies and research institutes related to pharmaceuticals, new materials, food, textiles, fertilizers, and pesticides
- Environmental technology, chemical engineering, firefighting, forensic science, and public service
- Graduate studies

Major in Food Biotechnology

- Comprehensive learning of advanced food science and life sciences to cultivate specialized professionals in food technology based on industrial demand.
- Development of practical food industry technologies, including the discovery of new food materials, processing techniques, maintenance of food quality, food hygiene and safety, and functional foods.
- Offering teaching courses to help students obtain teaching certificates and pursue careers as professional educators.

*Department's Capabilities

- Key Analysis Equipment and Facilities in Food and Life Sciences : Utilizing pilot equipment, HPLC, mass spectrometers, etc., during classes to enhance specialized skills.
- National Projects Related to Food and Biotechnology : Operating RIS Gyeongbuk Bio Advanced Industry Talent Development Project, creating the "Nutrition K-food U-City" to revitalize the Gyeongbuk food industry, and the Ministry of Trade, Industry, and Energy's designation of the National Food Ingredients Center.
- Specialized Programs for the Major : Activities in major-related clubs (such as the development of confectionery and bakery products, meat processing, and cosmetics), seminars by experts in food science and life sciences, a 1-night, 2-day food industry-themed trip (visiting food companies and research institutes), and specialized laboratories where students can participate in research projects and practical exercises related to their field.
- International Conference and Competition Awards : Achievements in international academic conferences and competitions.

► Career Paths and Prospects

- Food Companies : SPC Samlip, Hite Jinro, MSC Inc., OKF, Starbucks, Mom's Touch, NST Bio, etc.
- Pharmaceutical & Biotechnology Companies : SK Biosciences, Hanmi Healthcare, Huons, Dongwoo Dang Pharmaceutical, etc.
- National Agencies and Government-funded Research Institutes : Ministry of Food and Drug Safety, Korea Health Supplements Association, Gyeongbuk Bio Industry Research Institute, East Sea Industry Research Institute, Animal Cell Proof-of-concept Support Center, etc.

Department of Construction, Environment, and Architectural Engineering Studies

Major in Construction Systems Engineering

The Major in Construction Systems Engineering teaches the knowledge required to plan, design, construct, and maintain social infrastructure facilities, such as roads, bridges, tunnels, railways, ports, dams, power plants, airports, and water and sewage systems, all of which are essential for improving the quality of life in modern society. With state-of-the-art equipment and excellent professors who offer a combination of theory and practical experience, the department provides an extensive and in-depth educational and research environment. The goal is to cultivate professional engineers who can play a pivotal role in the construction industry after graduation.

► Career Paths and Prospects

- Technical public servants
 - Employees of public corporations such as Korea Expressway Corporation, Korea Water Resources Corporation, and Korea Land & Housing Corporation
 - Professionals in specialized construction companies involved in construction, design, and supervision
 - Researchers at national and public research institutes related to construction
 - High school teachers in industrial fields (with completion of teacher certification)
- Given the ongoing demand for skilled workers in the construction industry, the career outlook is highly promising.

Department of Construction, Environment, and Architectural Engineering Studies

Major in Environmental Engineering

The Major in Environmental Engineering is designed to cultivate professionals who will lead the green growth of the 21st century. With outstanding professors, state-of-the-art equipment, and laboratories, the department offers a high-level educational and research environment that integrates both theoretical and practical experience. Through various educational programs, including internships, faculty advisory systems, collaborations with industry, government, and research institutions, as well as international exchange agreements with leading universities abroad, the department develops globally competitive talents.

Major in Architectural Engineering

Established in 1997, the Major in Architectural Engineering integrates architectural design and engineering education, offering various specialized tracks tailored to students' interests. These include:

Design Track for aspiring architects

History/Theory Track for those pursuing a career as architectural historians or theorists

Media Track for graphic designers

Technical Track for aspiring engineers

The program aims to develop multi-skilled professionals in each field. Notably, as of December 2024, the three main architectural organizations (Architectural Association, Architects Association, and the Korean Institute of Architects) have agreed on a proposal that, once enacted, would allow graduates of 4-year architectural programs to take the national architect qualification exam, provided they meet specific criteria.

Major in Earth Environmental Science

The Major in Earth and Environmental Science focuses on training specialized technical personnel in the fields of geology, including land use, resource development, disaster prevention, and earthquakes, as well as in environmental science, such as water quality, air, and soil. The program aims to develop experts in earth science and environmental technology. After graduation, students can pursue careers as earth and environmental professionals, specializing in geological surveys, mineral and energy resource development, geological disaster and environmental pollution management, and groundwater resource management.

► Career Paths and Prospects

- Environmental public service professionals
- Employees of public corporations such as Korea Water Resources Corporation
- Researchers at institutions such as the National Institute of Environmental Research, health and environmental research institutes of local governments, national and public research institutes, and corporate research institutes
- Professionals in design and construction specialized companies
- Employees in environmental construction companies and environmental protection facilities companies

► Career Paths and Prospects

- Professionals in architectural design offices
- Entrepreneurs in their own architectural firms after obtaining an architect license (design field)
- Employees in major construction companies such as POSCO, Hyundai, and GS Construction (construction field)
- Researchers or professionals in structural offices and research institutes (structural field)
- Experts in cultural heritage research institutes, restoration companies, or traditional architecture design offices (history/theory/heritage field)
- Government positions in local governments (e.g., Gyeonggangbuk-do)
- Academia (pursuing graduate degrees in related fields)
- Professionals in environmental design offices, remodeling companies, or those starting individual businesses

► Career Paths and Prospects

- Korea Institute of Geoscience and Mineral Resources
- Korea Institute of Ocean Science and Technology
- Korea Basic Science Institute
- Polar Research Institute
- Korea Construction Technology Institute
- National Institute of Environmental Research
- Korea Environmental Industry and Technology Institute
- National Disaster Safety Research Institute
- Korea National Oil Corporation / Korea Gas Corporation
- Agricultural Infrastructure Corporation
- Korea Rural Community Corporation
- Korea Water Resources Corporation
- Korea Mineral Resources Corporation
- Korea Institute of Geoscience and Mining
- Korea Atomic Energy Environmental Corporation
- Environmental investigation and management companies
- Construction and environmental consulting companies
- Mining resource development companies
- Groundwater development companies

Department of Electronics and Mechanical Engineering Studies

Major in Electrical Engineering

The Major in Electrical Engineering leads technological advancements in various fields, including computers, semiconductors, telecommunications, home appliances, robotics, and imaging. It is a core field that drives the information, automation, and artificial intelligence era. The program offers a variety of courses across key technologies, such as electronic circuits, semiconductors, microprocessors, information communications, and wireless communications, to cultivate professionals with the skills needed by industries, research institutions, and educational sectors. The curriculum is designed to allow students to choose subjects based on their individual interests and abilities, providing a demand-driven education.

Additionally, the major offers courses in foundational theories and practical applications related to artificial intelligence, which are increasingly recognized in the context of the Fourth Industrial Revolution. This helps in training key engineers who can lead in this technological transformation. Electrical Engineering also quickly adapts to rapidly changing academic and technological fields by integrating theory and practical skills needed in both industry and academia, maintaining high employment rates with graduates who possess excellent qualities and proactive mindsets.

Major in Mechanical Engineering

The Major in Mechanical Engineering provides the skills and knowledge needed to work in any industry involving mechanical systems. The program aims to produce professionals with expertise in various fields of mechanical engineering, covering areas such as computer-aided design, thermal-fluid systems, automation, robotics, and precision machining. Advanced laboratory facilities and a wide range of software tools are used for practical education. Students also engage in creative integrated design projects and industry-specific training through industry-academia cooperation, while language support programs enhance their global competitiveness.

► Career Paths and Prospects

- Electrical engineering-related companies
- National research institutes (e.g., Samsung Electronics, LG, ETRI, Electronics and Telecommunications Research Institute)
- Venture businesses
- Technical government positions

► Career Paths and Prospects

- Automotive, Aerospace, Robotics
 - Renewable and new energy, Shipbuilding
 - Semiconductors, Mobile phone sectors
 - Public service
 - Foreign companies (e.g., Bosch, ThyssenKrupp)
 - Pharmaceutical companies
 - POSCO-affiliated companies
 - Construction, Public enterprises
- Alternatively, they can continue further studies in graduate school.

Department of Electronics and Mechanical Engineering Studies

Major in Digital ICT Engineering

The Major in Digital ICT Engineering focuses on researching innovative technologies that enable the information age and ubiquitous society, with a special emphasis on ubiquitous information and communication technologies (u-IT) applicable across various fields. The department's faculty, with experience in research institutes, industries, and venture businesses, provide practical education to equip students with the real-world skills necessary for hands-on expertise.

Major in Robotics Engineering

The Major in Robotics Engineering focuses on equipping students with essential skills in smart machines and robotics, which play a vital role in the Fourth Industrial Revolution. The program provides in-depth education in machine-electronic systems design/control technology, CAD/CAE-based smart digital design, and software (S/W)-based artificial intelligence technologies. Through both theoretical learning and practical skills development, students are trained to become future-oriented engineers capable of driving smart innovations. Graduates can enter diverse future industries such as robotics, mechanical/electronics, aerospace, mobility, smart factories, and artificial intelligence. Additionally, the program offers a teaching certification track, allowing graduates to pursue careers as secondary school teachers.

Major in Smart Sensor Engineering

The Major in Smart Sensor Engineering combines sensor technology with semiconductor technology to enable sensing, decision-making, and communication functions in objects, making it a core technology for the 4th Industrial Revolution. Established in 2023 as a specialized program for nurturing talent in the sensor industry, this major aims to develop professionals who can excel in the sector, multi-talented individuals capable of integrating intelligent sensor technologies, and creative, convergent experts who can innovate sensor-based products.

► Career Paths and Prospects

- Major corporations (e.g., Samsung Electronics, LG Electronics, KTI)
- IT-related venture companies
- Small-to-medium enterprises
- Research institutions (e.g., ETRI)
- Government positions
- Domestic graduate schools
- Overseas graduate programs

► Career Paths and Prospects

- Robotics, Mechanical/electronics
- Aerospace, Mobility, Defense, Shipbuilding
- Energy, Plant engineering
- Automation machinery
- Communication equipment
- Smart components

Additionally, they can pursue careers in:

- Teaching, Public service
- Research institutes, Graduate schools

► Career Paths and Prospects

- Graduates can pursue careers in 4th Industrial Revolution-oriented fields such as:
- Intelligent robotics
 - Smart homes
 - Smart factories
 - Smart farms
 - Autonomous vehicles

They can also work in the sensor industry itself. Additionally, they can:

- Advance to graduate school to conduct research in advanced sensor fields
- Start their own sensor system ventures

As the sensor industry rapidly grows in the 4th Industrial Era, career and entrepreneurial prospects for this major are highly promising.

Department of Electrical and New Materials Engineering Studies

Major in Electrical Energy Engineering

The Major in Electrical Energy Engineering is one of the most essential fields for driving technological innovation across various industries, including electrical energy (power systems), future mobility and robotics, semiconductors and telecommunications, as well as smart control and automation. This program offers a systematic educational curriculum that covers both foundational theories in electrical engineering—such as electromagnetism, electrical circuits, electrical devices, and control—and applied technologies in power and electrical energy systems. Additionally, through practical experiments, industry-academia collaboration projects, and internship opportunities, students gain comprehensive knowledge in electrical engineering, along with creative problem-solving and teamwork skills, preparing them to become key experts in the future electrical energy industry.

► Career Paths and Prospects

Graduates can pursue careers across a wide range of industries, including:

- Power, Renewable energy, Batteries
- Future mobility

They can find opportunities in major companies such as:

- Samsung Electronics, LG Electronics
- Hyundai Motors

Additionally, graduates can pursue careers in:

- Public institutions and research organizations (e.g., Korea Electric Power Corporation (KEPCO), Korea Energy Agency)
- Graduate schools at prestigious domestic and international universities
- Secondary school teaching through teacher certification programs
- Entrepreneurship
- Consulting
- Engineering services

Major in New Materials and Energy Engineering

The Major in New Materials and Energy Engineering focuses on the design, development, characterization, processing, and application of advanced materials such as nanotechnology, energy materials, electronic materials, and high-performance alloys. This field is dedicated to developing innovative material technologies for a sustainable future, aiming to solidify fundamental scientific knowledge and engineering principles while fostering creative and practical expertise in the technological development and performance enhancement of advanced materials.

The major emphasizes practical, hands-on training, offering field internships (over 90%) and a graduation competency certification system. Additionally, it implements accreditation for engineering education to help students develop the practical and innovative problem-solving skills required in the field.

► Career Paths and Prospects

Graduates can pursue careers in the components and materials industries related to future strategic sectors, such as:

- Electric vehicles, Semiconductors
- Research institutions

Additionally, they may:

- Continue their studies in graduate schools
- Pursue teaching careers by completing the teacher training program

Recently, the program has seen notable successes, with graduates securing positions in major companies such as:

- Samsung Electronics, POSCO
- Samsung Electro-Mechanics
- Samsung SDI

Graduates have also gained admission to renowned graduate schools in Korea.

Department of Electrical and New Materials Engineering Studies

Major in Semiconductor and New Materials Engineering

The Major in Semiconductor and New Materials Engineering focuses on both fundamental and practical knowledge of critical technologies such as semiconductors, batteries, and advanced metals, which are essential for national innovation. As industries like mobile devices, AI appliances, and advanced semiconductors continue to drive the 4th Industrial Revolution, the importance of the semiconductor and new materials sector grows. Our department offers a curriculum designed to train professionals for these fields, combining hands-on practical training with advanced experimental equipment, as well as design processes that foster leadership and teamwork.

► Career Paths and Prospects

Graduates from our program enter various sectors, including:

- Semiconductor and battery companies
- Advanced metal industries
- Research institutions
- Government positions related to the field
- Graduate schools

With government support for specialized workforce development in the semiconductor sector (worth 1.2 billion KRW), our graduates enjoy a high rate of graduate school advancement. Recent employment rates are over:

- 70% for undergraduates
- 90% for graduate students

Notable Employment Cases:

Graduates have secured positions at leading companies such as Apple, Samsung Electronics, LG Chem, SK hynix, POSCO, Hyundai Steel, and more.

Department of Smart Mobility Engineering

Department of Smart Mobility Engineering

The Department of Smart Mobility Engineering is a joint program between three national universities (Gyeongbuk University, Kyungpook National University, and Kumoh National Institute of Technology) offering a joint degree through a collaborative educational curriculum. This department focuses on both hardware and software related to the movement of people and objects, with specific applications in autonomous driving, electric vehicles, hydrogen vehicles, aviation, land/sea drones, unmanned transportation systems, smart factories, robotics, and smart farming. The goal is to cultivate interdisciplinary professionals equipped for these fields. Academically, the program integrates mechanical engineering, computer science, electrical/electronic engineering, and information communication technologies to meet the demands of the future mobility industry through a comprehensive and applied curriculum.

► Career Paths and Prospects

- Automotive, Robotics, Smart factories
- Smart farming, Shipping, Aviation
- Drones, Defense industries

Additionally, they can work in:

- Companies related to parts and technology applications
- Public service
- National research institutes
- Graduate schools at both domestic and international institutions

College of Education

Fostering True Teachers Who Possess Both Character and Competence, and Planning for the Development of New Talents

The College of Education has been at the heart of teacher training since the establishment of Andong Normal School, the predecessor of Gyeongbuk National University. Education is a planned and value-oriented activity that seeks to transform individuals in a desirable direction. With this in mind, the College of Education designs its curriculum to foster secondary school teachers who possess strong beliefs and ideals, combining both theoretical and practical knowledge of curriculum and content. The college also nurtures the ability to love students and guide them toward positive change.

Graduates of the College of Education earn a 2nd-grade teacher's certificate, qualifying them to become secondary school teachers. The passing rate for the secondary school teacher certification exam for College of Education of Gyeongbuk National University graduates consistently ranks among the highest among all national colleges of education. Additionally, the college provides opportunities for students to pursue careers in various fields beyond teaching, tailored to the academic characteristics of each department.



College of Education

Department of Korean Language Education

The Department of Korean Language Education aims to train secondary school Korean language teachers by establishing a solid academic foundation in areas such as Korean language education, language teaching skills, classical and modern literature (teaching), and Korean grammar (teaching). The department focuses on enhancing teaching capabilities while ensuring students develop the necessary skills and a proper teaching philosophy as future Korean language educator. The department offers various programs to help students build expertise and gain field experience, including specialized programs to strengthen teaching competencies, special lectures for preparing for the teacher certification exam, mentoring from current teachers, study groups, and peer mentoring. These initiatives support students in becoming proficient and qualified Korean language teachers.

► Career Paths and Prospects

Graduates of the Department of Korean Language Education can pursue careers as:

- Public and private secondary school Korean language teachers
- Additionally, they can enter fields related to Korean language education, such as:
 - Education public servants
 - Korean language education experts
 - The media sector

Many graduates successfully enter a variety of professions, including secondary school teaching and other related fields.

Department of Ethics Education

The Department of Ethics Education aims to train secondary school ethics teachers, focusing on the academic foundation of Eastern and Korean ethical thought, Western ethical philosophy, political philosophy, and social thought. In addition to these academic subjects, the department emphasizes the development of pedagogical methods and professional ethics for teaching. A democratic atmosphere of mutual respect between seniors and juniors is fostered within the department, with a curriculum designed to prepare students for the teacher certification exams and provide specialized training in their field of study.

► Career Paths and Prospects

Graduates of the Department of Ethics Education can pursue careers as:

- Secondary school teachers

Additionally, they can enter various fields such as:

- Academia, Public service, Journalism
- Business

The department equips students with the skills and knowledge necessary for a wide range of professional opportunities.

Through systematic and practical support

Many students passed the secondary school teacher recruitment exam

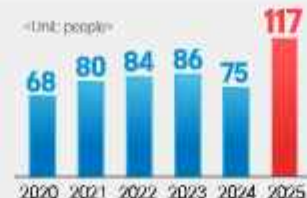
Status of acceptance to teacher training colleges for the 2025 school year

Lesson	Department of Computer Science	Department of Electrical and Electronic Education	Ethics Education Department	Department of Mechanical Education	Department of Mathematics Education	English Education Department	Department of Korean Language Education	Department of Educational Technology
Admission Capacity	26	26	15	26	19	22	15	18
Number of successful candidates (persons)	25	23	13	22	9	10	5	1
Employment rate (%)	96.2	88.5	86.7	84.6	47.4	45.5	33.3	5.6

Status of passing teacher training courses and graduate schools of education

- 5 students from the Department of Food and Nutrition,
- 2 students from the Department of Korean Language and Literature
- 2 students from the Department of Robotics

Status of passing the employment examination over the past 6 years



Department of English Education

The Department of English Education, established in 1980, focuses on training secondary school English teachers. Students deepen their English language proficiency, study English education theory and teaching methods, and develop the ability to design and lead lessons. Core courses include English language teaching methods, linguistics, English literature, and curriculum theory. Additionally, students have opportunities to gain practical teaching experience through various hands-on training programs. The department also organizes special lectures for the teacher certification exam, as well as post-graduation talks from successful alumni, offering essential information to strengthen prospective teachers' capabilities.

► Career Paths and Prospects

Graduates of the Department of English Education have diverse career opportunities, including:

- English teachers in secondary schools across the country
- Passing national civil service exams, including those for:
 - General administration
 - Educational administration
 - Correctional positions

As English continues to be a global lingua franca, the demand for English proficiency remains high. Moreover, with the advancement of digital technologies, new educational markets—such as AI-integrated English education—are expanding, requiring innovative and interdisciplinary approaches.

Department of Educational Technology

The Department of Educational Technology at Gyeongbuk National University was established in 1996 as the first of its kind in a national university. It introduced master's and doctoral programs in 2000 and 2002, respectively, and has been operating for 27 years, making it the only department of its kind at a national university. The department aims to identify the educational needs and learning challenges across various fields in the 4th industrial revolution and to train experts who can design, analyze, develop, implement, and evaluate optimal educational programs and EduTech learning environments to address these challenges.

► Career Paths and Prospects

Graduates with a degree in Educational Technology can pursue careers as:

- Researchers in university or research center teaching and learning departments
- Corporate and public HRD specialists
- Researchers at government-affiliated educational institutions
- EduTech instructional designers
- Secondary school teachers
- Educational administrators
- University professors
- Professionals in online educational broadcasting

Department of Mathematics Education

The Department of Mathematics Education is dedicated to fostering mathematics teachers and educational professionals who possess both strong capabilities and good character, combining theoretical knowledge with practical skills. The program offers a wide range of courses, including theoretical mathematics, mathematics education, general pedagogy, liberal arts subjects, and special lectures. In addition, the department provides various systems and facilities to support students' academic activities and extracurricular engagements, such as scholarships, study clubs, and preparation support for teacher certification exams.

► Career Paths and Prospects

Most graduates of the Department of Mathematics Education work as:

- Secondary school mathematics teachers
- Recently, there has been a growing demand for mathematics majors in fields such as:
 - Finance and economics
 - Information technology
 - Design

As a result, career paths for graduates are expected to diversify, with opportunities in:

- Corporations
- Research institutes
- Public organizations

College of Education

Department of Computer Education

The Department of Computer Education cultivates secondary school teachers in information and computer science, equipped with both a strong foundation in the humanities and expertise in software (SW) and artificial intelligence (AI) education. It offers a curriculum designed to train teachers with practical skills and strong character, as well as creative software development experts for the 4th Industrial revolution. The department has established diverse software development environments and utilizes state-of-the-art IT equipment for hands-on training.

Department of Electrical and Electronic Education

The Department of Electrical and Electronic Education is the only one in the Daegu-Gyeongbuk and Yeongnam regions and one of only two nationwide that trains teachers in the field of electrical and electronic engineering. The department not only focuses on essential qualities for teachers but also trains specialized educators in electrical and electronic engineering, combining both theoretical knowledge and practical skills. It offers a well-structured engineering education curriculum that includes various hands-on experiments and utilizes advanced experimental equipment for educational practice.

Department of Mechanical Education

The Department of Mechanical Education aims to train high school teachers in the industrial field, specifically in mechanical engineering, by equipping them with both theoretical and practical skills. In addition to technical expertise, the program emphasizes the development of well-rounded individuals with broad general knowledge and strong character.

Department of Early Childhood Education

The Department of Early Childhood Education aims to cultivate future-oriented early childhood educators who possess specialized knowledge and ethical awareness. The department emphasizes a child-centered, play-based curriculum and encourages active, student-driven, and collaborative learning. It offers a well-rounded academic program, including courses in the major, pedagogy, and general education, while also enhancing extracurricular activities.

► Career Paths and Prospects

- Creative software development experts
 - Information/computer teachers
 - IT-related public servants
 - Professionals in both public and private IT companies or research institutes
- In these roles, graduates can make significant contributions with their expertise.

► Career Paths and Prospects

- Graduates obtain a Level 2 teaching certification in either the electrical or electronic field and can:
- Enter the teaching profession by passing the teacher certification exam
 - Apply their expertise in technical positions within the public sector, research institutes, and industries related to electrical and electronic engineering

► Career Paths and Prospects

- Graduates can pursue top-level positions as:
- Mechanical engineering teachers nationwide
- They also have opportunities to enter:
- Technical public service roles
 - Research institutes, The industrial sector
- In these roles, they can demonstrate their skills and expertise.

► Career Paths and Prospects

- Graduates of the department find employment in a variety of sectors, including:
- Public and private kindergartens
 - Public and private childcare centers
 - Workplace daycare centers / Private daycare centers
 - Early childhood research institutes
 - Publishing, Broadcasting, Corporations
 - Educational institutions
- Those who pursue graduate studies can also:
- Become research staff at related institutions
 - Take on professional management roles
 - Pursue careers as university professors

College of Health and Welfare

For a Better World that You Envision, We Begin a New Challenge

The College of Health and Welfare at Gyeongbuk National University is a cradle for experts who will enhance human value, improve quality of life, and design a healthy future. The college is composed of the Department of Social Welfare and Counseling, the Department of Nursing, the Department of Food and Nutrition, and the Department of Adult Learners.

The Department of Social Welfare and Counseling supports students in obtaining certifications such as Social Worker Level 2, Developmental Rehabilitation Services, and Play Therapy Rehabilitation Personnel, fostering future leaders in welfare society. The Department of Nursing boasts state-of-the-art simulation labs and practical, industry-focused education, resulting in a 100% national exam pass rate and a 95% employment rate. The Department of Food and Nutrition produces experts who lead the way in disease prevention and healthy eating based on comprehensive nutritional knowledge of food. The Department of Adult Learners trains professionals in social welfare and sports leisure, offering 100% online courses, as well as weekend and evening classes to support a balance between work and study. With senior-friendly and practical admission systems, along with customized curricula, we encourage lifelong learning for those embarking on new challenges.

The moment your dream begins, our future begins too.

The College of Health and Welfare at Gyeongbuk National University will be with you as you take the first step toward a better world.



College of Health and Welfare

Department of Nursing Studies

The Department of Nursing focuses on educating students to develop nursing expertise and practical skills to promote health and well-being, based on the dignity of human life. The department aims to nurture creative, global nursing leaders with both character and professional competence who can contribute to national and global development. A variety of courses are offered to ensure that students are well-prepared to fulfill their roles and responsibilities as professional nurses.

► Career Paths and Prospects

- University hospitals, General hospitals
- International hospitals, Health education
- Pharmaceutical companies
- Ministry of Food and Drug Safety
- Ministry of Health and Welfare
- Public health centers, Health clinics
- National Health Insurance Service
- Health Insurance Review and Assessment Service
- Insurance companies
- Korean Red Cross Blood Center
- Government-funded research institutes
- Military nursing officers, Universities
- Airlines, Health check-up centers
- Hospice and social welfare facilities
- Healthcare industry

Department of Social Welfare and Counseling Studies

The Department of Social Welfare and Counseling Studies trains professionals in psychological counseling and social welfare to enhance the quality of human life and welfare by accurately understanding human psychology and various social phenomena. The department offers two major programs: the Major in Psychological Counseling and the Major in Social Welfare. Graduates are eligible to obtain certifications such as the Social Worker license, the Developmental Rehabilitation Service Play Therapy Rehabilitation Provider certification, and the Youth Counselor certification, enabling them to become experts in various human services fields.

The Major in Psychological Counseling aims to develop professional counselors dedicated to enhancing psychological health and welfare in an ever-evolving social environment. The program focuses on educating students in contemporary psychological counseling theories and techniques. It also provides systematic, hands-on training to equip students with the practical skills necessary to apply their knowledge effectively in the field after graduation.

The Major in Social Welfare offers structured learning in national social welfare policies, systems, administration, and practices. Students acquire the essential knowledge and skills to ensure that individuals, families, communities, and the state can function effectively. This prepares them to become social welfare professionals with both theoretical insight and practical expertise.

► Career Paths and Prospects

Graduates of the Department of Social Welfare and Counseling Studies can pursue various career paths, including positions in:

- Social welfare public service
- Comprehensive social welfare centers
- Local social welfare-related associations
- Child protection agencies
- Regional child centers, Wee Centers
- Youth counseling welfare centers
- Youth shelters, School social welfare
- Health family and multicultural family support centers
- Welfare centers for the disabled and elderly
- Dementia care centers

Graduates may also pursue careers in international organizations and NGOs, such as:

- World Vision, Good Neighbors
- Green Umbrella Children's Foundation
- Save the Children

Additionally, graduates can find opportunities in the following public corporations and institutions:

- National Health Insurance Corporation
- Workers' Compensation and Welfare Corporation
- National Pension Corporation
- Children's Rights Protection Institute
- Korea Youth Counseling and Welfare Development Institute

Department of Food and Nutrition

The Department of Food Science, Culinary Arts, Nutrition, and Meal Management

The department is focused on training professionals who can contribute to the health and well-being of the public through scientifically-based and rational dietary practices. It combines fields such as food science, culinary arts, nutrition, and meal management to develop experts who can play a key role in promoting public health.

► Career Paths and Prospects

- Graduates can pursue careers in:
- Nutrition teachers, Food company researchers
 - Nutritionists (in schools, hospitals, industries, health centers, or contracted professional companies)
 - Product quality evaluators
 - Meal managers in restaurants and food service operations

Potential certifications include:

- 2nd-level teacher certification (nutrition teacher)
- Nutritionist, Sanitation technician
- Food technician, Health educator (Level 3)
- Korean food culinary certification

Graduates may also find roles in food safety, quality control, health promotion, and wellness sectors.

Department of Adult Learner Studies

Major in Social Welfare

The Major in Social Welfare for Adult Learners is the only and first social welfare program specifically designed for adult learners in the country. This program aims to train social welfare professionals who can scientifically analyze and intervene in various social issues, such as the rapidly aging population, low birth rates, worsening income inequality, and social polarization, with the goal of improving citizens' quality of life. It provides a holistic educational system to develop students with the fundamental qualities, theoretical knowledge, and practical skills necessary to function as social welfare experts who can help individuals, families, communities, and even the nation function properly.

► Career Paths and Prospects

- After obtaining first- and second-level social worker qualifications, graduates can pursue careers as social welfare public servants (experts) in social welfare-related institutions and local government social welfare departments.
- They can also enter specialized fields by acquiring qualifications as school social workers, medical social workers, mental health social workers, and more.
- Additionally, graduates have the opportunity to establish and manage facilities such as home care services and elderly long-term care facilities.

Major in Sports Leisure Studies

The Major in Sports Leisure Studies for Adult Learners was established to lead adult learners into the AI (artificial intelligence) digital era through the integration of sports and leisure. This program aims to train sports instructor experts with both theoretical and practical skills necessary to strengthen fieldwork capabilities in the context of the advanced industrial era. It focuses on developing the fundamental qualities, leadership, and practical abilities required for sports professionals in the age of advanced science, while offering a curriculum designed to cultivate global, tailored talents.

► Career Paths and Prospects

- After obtaining certifications as a sports instructor (Level 1 and Level 2), sports psychologist, and health exercise manager, graduates can pursue careers in sports-related institutions within the community or as sports public servants in local government sports departments.
- Graduates can work as sports professionals in central and local government organizations (such as sports associations and disabled sports associations), sports instructors in specific sports associations and federations, sports experts in public enterprises, public corporations, and other government-established institutions, as well as sports instructors and coaches in general schools.

Public Demand Talent University

Contributing to regional development by nurturing talents based on local public demand.

Through its four specialized departments—Animal Life Engineering, Mobility Design Engineering, Fire Safety and Disaster Management, and Emergency Medical Technology—Public Demand Talent University aims to drive regional development by nurturing talents based on local public demand.

The university focuses on the specialization of these four departments through:

▲ Industry-academic convergence education utilizing the infrastructure of school-affiliated enterprises (Mobility Design Engineering) ▲ Expanding educational programs in animal husbandry and bioengineering to cultivate specialized professionals (Animal Life Engineering) ▲ Developing joint curricula and public programs to train experts (Emergency Medical Technology) ▲ Training fire safety professionals through specialized fire safety education and practical training environments (Fire Safety and Disaster Management)

Public Demand Talent University is committed to cultivating talent that meets the needs of the local community and will continue to play a vital role in training professionals who can respond swiftly to societal demands and changes with a flexible education model.



Public Demand Talent University

Department of Animal Biotechnology

The Department of Animal Biotechnology Studies focuses on educating and researching the efficient production and utilization of animals in the animal life sciences field, covering topics such as animal breeding, reproduction, nutrition, feeding, and diseases. Through systematic theoretical education and practical experiments, the department provides comprehensive training and research across diverse areas. In order to play a leading role in the animal life sciences field, the department aims to cultivate proactive and logical professionals with core competencies in animal biotechnology, who are equipped with field expertise and interdisciplinary skills that meet local needs. The goal is to contribute to the development of the animal industry in South Korea.

► Career Paths and Prospects

- Public institutions and research organizations (such as livestock-related public servants, National Institute of Animal Science, Agricultural Technology Institute, Livestock Products Quality Evaluation Institute, Korea National Livestock Cooperative Federation, National Wildlife Conservation Center, Animal Health and Quarantine Support Center, National Ecological Institute, etc.)
- Associations and cooperatives (such as the Livestock Cooperative, National Agricultural Cooperative Federation)
- Industries (such as feed companies, seed companies, dairy processing companies, meat processing companies, animal distribution, veterinary hospitals, animal pharmaceutical companies, livestock businesses, farm start-ups, zoos)
- Graduate schools in South Korea and abroad.

Department of Mobility Design Engineering

The Department of Mobility Design Engineering cultivates creative and practical talent to lead the future mobility era through the fusion of design and engineering. Based on the spirit of "practical learning," the program develops individuals capable of solving problems and taking proactive action. Students are trained to gain expertise in C.M.F. (Color, Material, Finish) design, encompassing color, material, and finish, while fostering engineers with both emotional design and technical expertise through design thinking. Emphasis is placed on developing the ability to utilize cutting-edge digital technologies and data-driven design skills to drive technological innovation in the era of the 4th Industrial Revolution. The department focuses on nurturing global leaders with international competitiveness.

► Career Paths and Prospects

- After graduation, you can pursue careers as C.M.F. design experts, material development engineers, digital design experts, mobility research and development professionals, and technology/design-related public servants in various fields such as automotive, aerospace, robotics, and smart mobility.
- The growing importance of eco-friendly materials and the expansion of digital twin technology are driving rapid changes in the future mobility industry. These developments will provide even more opportunities for graduates of this department, offering a bright future as key talents who can grow within domestic and international companies and research institutions.

Public Demand Talent University

Department of Fire and Disaster Management

The Department of Fire and Disaster Management trains fire safety professionals who possess proactive response capabilities for community fire safety. The department is equipped with comprehensive facilities, such as the Fire Equipment Building, Fire Fighting Equipment Room, and Rescue and Medical Equipment, to facilitate practical training. These state-of-the-art, multipurpose training rooms allow for hands-on instruction in fire safety technology, including the design, construction, and cost estimation of fire protection systems.

Additionally, the department offers year-round support for students through preparatory courses for certification exams and public service exams. Fire safety technology training is provided on a tiered, age-based system, with programs such as:

- Gyeongbuk Fire School (Gyeongbuk Fire Academy) off-campus training
- Training at Taiwan's Ministry of the Interior Fire Training Centers
- On-site practical training at local fire stations in Gyeongbuk

The department also offers specialized courses to prepare students for fire service exams and disaster management-related civil servant exams.

Department of Emergency Medical Technology

The Department of Emergency Medical Technology trains Emergency Medical Technicians (EMTs) who are equipped to provide first aid in emergency situations arising from various accidents, with the ultimate goal of saving lives. The department aims to cultivate creative and professional emergency healthcare providers who possess both the right character and practical skills to protect public safety and life. Through a curriculum that includes tailored training for different levels, along with guidance from a diverse faculty, the department ensures that students are well-prepared to fulfill the critical responsibilities of an Advanced EMT (Grade 1).

This comprehensive education helps students develop the expertise to respond effectively to a variety of emergency situations, preparing them to serve in roles where quick decision-making, medical expertise, and composure are essential.

► Career Paths and Prospects

Graduates of the Department of Fire and Disaster Management are actively recruited into various fields, including:

- Firefighters (with an average pass rate of over 30% for fire service exams)
- Disaster Management Public Servants
- Fire Officer Candidate Programs
- Corporate Fire Safety Teams (e.g., Samsung Electronics, Korea Airports Corporation, Korea Hydro & Nuclear Power)
- Fire Plant Companies
- Fire Facility Design and Supervision Companies

Available Certifications:

- Fire Protection Engineer (Mechanical and Electrical)
- Hazardous Materials Management Engineer
- Industrial Safety Engineer

► Career Paths and Prospects

Graduates of the Department of Emergency Medical Technology can pursue careers in a variety of fields, including:

- Firefighting Public Servants (119 Safety Center Paramedics)
- Regional/Emergency Medical Centers
- Emergency Medical Institutions
- Marine Police Agency (122 Rescue Team)
- Ministry of Justice (Correctional Service Officers)
- Health Public Servants
- Industrial Safety and Health Managers
- Aviation Rescue Teams
- Korea Racing Authority
- National Park Rescue Teams
- Safety Management Personnel

Exploratory Studies Department

Exploratory Studies Department at Gyeongbuk National University provides students with the opportunity to explore their abilities and potential through comprehensive major exploration. Upon entering their second year, students receive dedicated support in selecting a major that aligns with their interests and aptitudes, empowering them to fully develop their capabilities.

The department offers an extensive and in-depth major exploration program, designed to help students uncover their potential and navigate diverse career paths. Additionally, it provides specialized education aimed at enhancing the core competencies essential in the era of the Fourth Industrial Revolution and convergent technologies.

During their first year, students are encouraged to freely explore various fields of study, and we are committed to offering the best possible support to help them shape their academic and professional futures.

Operation Plan for the Exploratory Studies Department

• Support for Major and Career Exploration

- 1) Students in the Exploratory Studies Department receive guidance in selecting a suitable major during their first year and begin pursuing their chosen major from the second year.
- 2) Opportunities for counseling with full-time faculty members are provided to assist students in career exploration and major selection.
- 3) Courses are taught by professors and industry experts to enhance the learning experience.

• Self-directed Learning Activities and Educational Support

- 1) Students receive continuous guidance in developing and implementing a self-directed learning plan throughout their university journey.
- 2) Educational programs are designed to build a strong academic foundation, aligned with the core competencies of Gyeongbuk National University—character, self-direction, expertise, creativity, and communication.

• Major Selection Based on Aptitude and Preferences

- 1) Timing of Major Selection: Students must declare their major by the second semester of their first year, before advancing to their second year.
- 2) Available Departments for Major Selection: Students may choose from all departments (or majors), except for the College of Education, the Department of Nursing, and the Adult Learners Program.
- 3) Major Selection Process: Selection is conducted based on criteria established by the university and the Department of Undeclared Majors.
- 4) Graduation Requirements: Students must complete the full curriculum of their chosen major to meet graduation requirements.

Student Support Programs

• Freshman Mentoring Program

- Facilitates relationship-building through mentoring activities with current students from various departments.
- Provides comprehensive information on academic fields of interest and connects students with faculty members for consultations.
- Offers in-depth opportunities to explore different majors.

• Career and Psychological Counseling through the Student Competency Management System (CANU)

• Support for Self-Understanding and University Adaptation through Assessments such as Aptitude Tests, MBTI, Mental Health Tests (KSCL), and University Life Adaptation Assessments

• Self-Directed University Life Design and Academic Guidance through the 'University Life and Career Exploration' Course

• Student Competency Enhancement Program

- Offers programs such as study method education, learning community activities, learning style assessments, and ANU learning strategy diagnostic tests

Graduate School



Graduate School

The Graduate School of Gyeongbuk National University is dedicated to cultivating scholars who can lead academic progress in the information society, experts who can scientifically address the various challenges facing society, and leaders who can contribute to the prosperity of both the nation and local communities. Its mission is to nurture highly skilled individuals who meet the advanced human resource needs of our society, through in-depth theoretical study and the refined application of knowledge.

Graduate School of Public Administration and Business Management

Located in Andong, a city that harmoniously blends tradition and modernity and serves as the administrative center of Gyeongsangbuk-do, the Graduate School of Public Administration and Business Management at Gyeongbuk National University is a specialized (evening) graduate program designed to cultivate creative and practical leaders who will drive the development of both local communities and the nation. Offering advanced education built on expert knowledge, the school provides an optimal environment for working professionals and experts from various fields to balance their careers and academic pursuits.

With a strong faculty and cutting-edge educational programs, the Graduate School fosters problem-solving capabilities that prepare students to become key leaders in their communities, supporting their growth through hands-on, practical learning experiences.

Graduate School of Education

The Graduate School of Education systematically researches profound theories and their applications related to education and academia, playing a pivotal role in cultivating competent and creative education professionals required in a knowledge-based society. The school offers programs in two main areas: teacher training and professional development for re-education.

Graduate School of Korean Cultural Industry

The Graduate School of Korean Cultural Industry is dedicated to nurturing the leaders of Korean culture in the 21st-century knowledge-based society. The professional graduate school offers Master's and Doctoral programs in Cultural Studies, providing interdisciplinary education in areas such as storytelling, spatial storytelling, festival performances, cultural industries, cultural arts education, tourism, and cultural policies. Through a combination of theoretical and practical training, as well as project-based experiences, students pave their career paths as representatives of cultural institutions, field experts, and cultural researchers.

Andong Campus



Yecheon Campus

