

DAN KOOK UNIVERSITY

*At the Forefront
of Innovation*



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Dankook University: A Creative Knowledge Community Leading Change

Dankook University was established by independence activists Mr. Chang Hyong and Ms. Cho Huijae on November 3, 1947; it was the first private university established exclusively with domestic funds.

Educational Objective

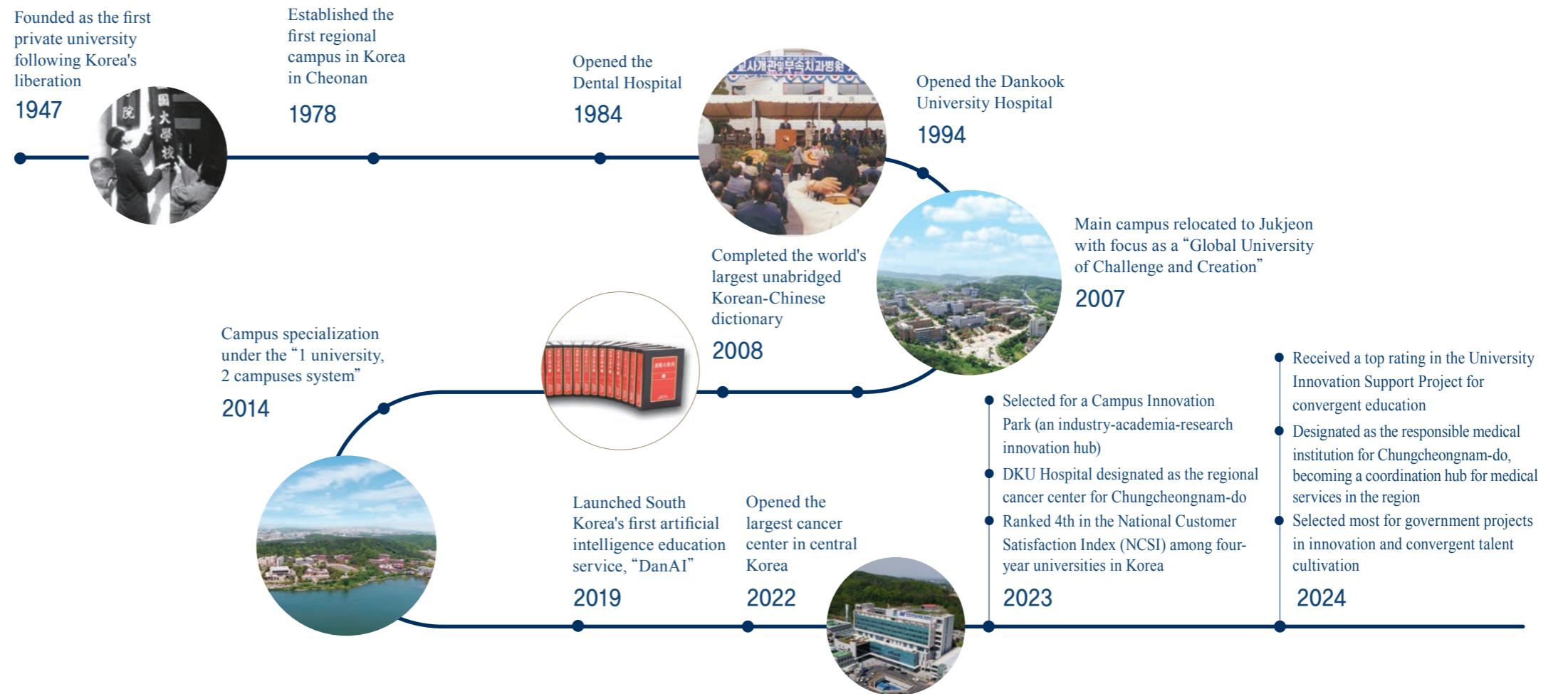
To educate patriotic experts who contribute to humankind

Motto

Truth and Service

Founding Principles

National Salvation, Independence, Self-reliance



Cultivating Smart Convergent Talent to Lead the Digital Transformation Era

Selected for the most government-funded convergent talent cultivation projects

Cutting-edge Fields



Biohealth Convergence Open Sharing System (Lead University)

- Cultivating future talent in biohealth
- Rated 'Best' for three consecutive years, receiving 13.2 billion won in funding (2024)

Next-Generation Display Convergence Open Sharing System (Lead University)

- Specialized tracks include display materials, devices & optics, drive systems, design, and eco-display
- Collaboration system with Chungcheongnam-do, Samsung Display, LG Display, etc

Semiconductor Materials and Parts Convergence Open Sharing System (Participating University)

- 149 faculty members from five universities and 105 semiconductor-related businesses involved
- Three specialized tracks: Materials, Parts & Equipment, Packaging & Testing

Humanities and Social Sciences Field



Humanities and Social Science Convergent Talent Development Project - Global and Cultural Sector (Lead University)

- K-Culture convergent talent development
- Developing and delivering convergent curricula centered on the humanities and social sciences
- Establishing "Super Connected We-learning" infrastructure to share assets and capability among participating universities

Humanities and Social Science Convergent Talent Development Project - Social Structure Sector (Participating University)

- Training community innovators with analytical skills for addressing social issues, advancing cultural content production capabilities, and utilizing AI & big data
- Operating living labs to solve local community issues

SW Field



Selected as a Software-Centered University:

"Training Core Talent in SW and AI for the Digital Transformation Era."

- Mandatory SW and AI basic education for all students
- AI dedicated professors assigned to colleges
- Creating specialized SW and AI educational environments and developing curricula for each college



Breaking Knowledge Barriers, Building Innovative Convergence Education Together

Creating Industry-Academia Cooperation Ecosystems through Sharing and Collaboration

Convergence Majors

Strengthening student-centered convergence education by breaking down barriers between majors

Jukjeon

SW Bio Convergence Engineering, Software Convergence Contents, Software Convergence Economics and Business Administration, Software Convergence Law, Smart Robot Convergence Engineering, Future Automotive Convergence

Cheonan

Display Convergence (Convergence of four programs: Chemistry, Physics, New Materials Science and Engineering, and the School of Advanced Talent Convergence)

Expansion of Non-Major/ Specialized Selection

- Toegye and Yulgok Innovation Colleges provide comprehensive education for undeclared first-year students
- After an exploration period, designed to broaden understanding of various disciplines, students select majors upon entering their second year
- Extracurricular programming (major fairs, department exploration camps) offer students other ways to explore majors and career paths



Microdegree

Providing personalized growth solutions, spanning learning, employment, and career development

- Introductory courses in semiconductor parts, equipment, packaging, testing, and intermediate wave materials
- K-Medical Tourism Communication, Horticultural Therapy, Pharmaceutical Quality Control
- Global K-Culture Film/Drama Story Building, Global K-Culture Webtoon/Animation
- Delivering 54 microdegrees, including Digital Health RA Specialist, and Smart Senior Care

Modular Track System

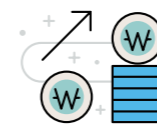
Organizing course subjects within related fields into modular forms
Nurturing talent with an understanding of majors and employment competencies

Department of Public Policy

Modular Track: Administration Management, Policy Management, Public Management

Department of Food Resource Economics

Modular Track: Food Marketing, Agricultural and Food Distribution, Regional Development and Consulting, Economics, Food Bioeconomy (Convergence Track)



**Awarded
100 Billion Won**

Received 100 billion won in research grants
Reached 2.78 billion won in technology transfer fees (as of 2022, based on university information disclosure)
Ranked 12th among national universities in technology transfer income



**Selected for a Campus
Innovation Park**

Investing 53.5 billion won
Building an industry-academia cooperation innovation hub in Chungnam by 2027
Expected to house 124 companies with focuses on bio-healthcare and advanced components & materials



1,170 Patents

Building a technology transfer and commercialization platform
Establishing a D*-Lab
1,170 patents held by Dankook University
Establishing a Technology Transfer System

Nurtured 535 Start-up Companies

(2021 - 2023)



Raised 53 billion won in investments



Achieved 166.8 billion won in sales



Filed for 145 intellectual property rights

(as of 2024, based on Start-up Incubation Center data)

A Launch Base for Youth Entrepreneurship

Achieved five awards for start-up support projects

Specialized University for Small Business Digitalization

Specialized Competency - Business Intelligence Development Support Project

KDB Start-up Education Program

Idea Commercialization Support Project

Global Support-Focused Initial Start-up Package Program



"Global Leaders in Challenge and Creation" Dankook's GLOBAL NETWORK

Establishment of Primus International College



- **English Track**
International Business Administration, Korea Studies, Mobile Systems Engineering, Bio and Material Engineering
- **Korean Track**
School of Global Core Education (delivering an intensive Korean language program for first-year students), Acting and Filmmaking

Designated as a Testing Institution for the Korean Language Proficiency Test (TOPIK)

- Designated by the National Institute for International Education as a TOPIK testing institution
- Providing a convenient testing environment for international students and local foreigners in the region

Building a Global Network

- Established agreements with over 450 universities in 65 countries
- Realized student exchange programs with over 170 universities in 37 countries

Accredited University for Internationalization Competency (2015-2026)

- Recognized for excellence in internationalization strategies and foreign student recruitment and support
- Designated as an outstanding university for internationalization for five consecutive years (2016-2021)

Committed to Sustainable Development

- Launched implementation of the Sustainable Development Goals (SDGs)
Enhancing research capabilities and developing human resources to address global issues surrounding climate change, energy, poverty, health, food security, and equality



► Sustainable Development Goals (17 Goals of SDGs)



Spreading the Spirit of Truth and Service

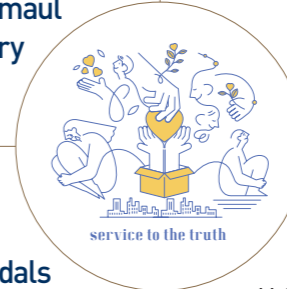
Worldwide

DANKOOK'S HERITAGE

The members of Dankook University's community, who uphold the value of seeking truth and a spirit of service as core educational principles, have dedicated themselves to the advancement of humanity beyond their own interests and are committed to the welfare and happiness of others.

In 1970, established an agricultural school in Cheongyang-gun, initiating the first Saemaul (New Village) Movement in the country

Successfully hosted the "2027 Summer Universiade" in collaboration with the Chungcheong province



Students and Alumni have won 164 medals in the Olympics, Asian Games, World Championships, and the Universiade

The Dankook University Volunteer Corp:
 - Volunteering in communities abroad (57 total missions)
 - Participated in local community service projects, including coal briquette and kimchi making



Jointly hosting the 2027 Summer Universiade (Chairman Hosung Chang, fourth from the left)



Volunteer activities in Cambodia



Medical volunteers at a dental hospital in Mongolia



Volunteer activities in Cambodia



Coal briquette volunteer work



Community Kimjang (kimchi making) service



Ye-rim Kim, a student majoring in International Sports

JUKJEON CAMPUS

Cultivating Convergent Disciplines to Lead the ICT Field - Jukjeon Campus



Optimal Location and Conditions for ICT Discipline Development

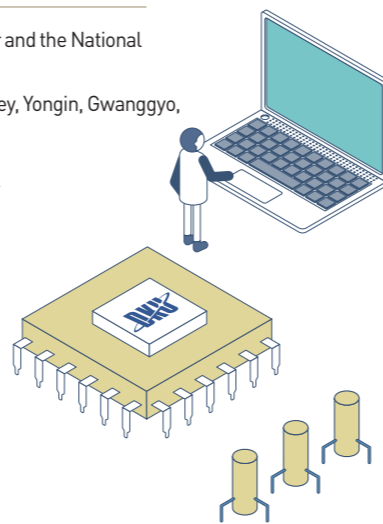
- Establishing the Yongin Advanced Systems Semiconductor Cluster and the National Industrial Complex for Advanced Systems Semiconductors
- Creating advanced industrial complexes in the Pangyo Techno Valley, Yongin, Gwanggyo, and Dongtan areas for the ICT sector

Building a Hub for Software Talent Development Based on ICT

- Departments involved: Software, Computer Engineering, Mobile Systems Engineering, Statistical Data Science, Cybersecurity
- Promoting internships and joint research with global IT companies

Cultivating Convergent Talent in the Semiconductor Material and Parts Field

- Total support of 40.8 billion won over four years
Training approximately 1,000 students annually in the field of semiconductor materials, components, and equipment
- Participation of 105 companies working in the semiconductor field
Establishing three specialized education tracks: Materials, Components & Equipment, and Packaging & Testing



Launch of the Next-Generation Semiconductor Project Group

- Selection of 44 students in the Converged Semiconductor Engineering Department for research and development in next-generation semiconductor fields and talent cultivation
- Forming a consortium with 22 companies in system semiconductor design and testing and module-related sectors
- Providing comprehensive education in semiconductors, from design to components, processes, and post-processing
- Establishing the 926m² "DKU Clean Room Center."

Selected for Innovative Talent Cultivation in Future Automotive Technology Convergence

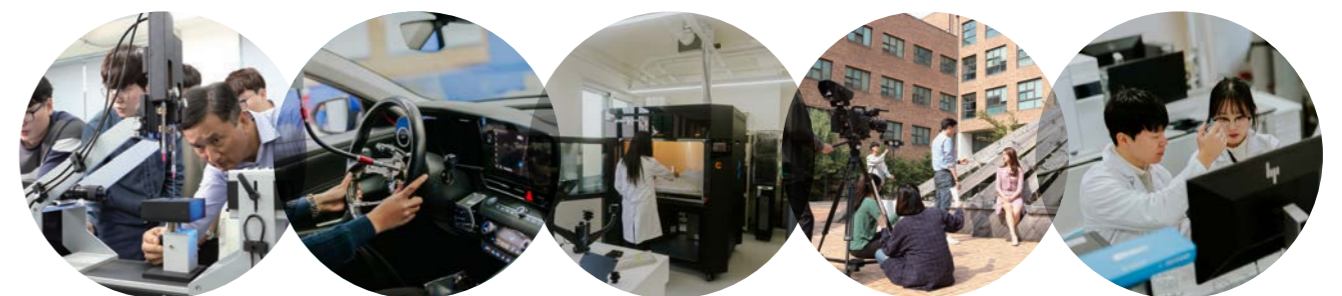
- Training specialists needed for the development and manufacturing of future automotive technologies
- Building advanced equipment, including NVIDIA devices, various simulators, and battery electrode production equipment
- Establishing the country's only "Automotive Cyber Forensic Security Living Lab," covering everything from traffic accidents to criminal investigations

Cultivating the Cultural Content Field Based on Creative Thinking

- Delivering design thinking courses through the SW Design Convergence Center
- Selected for support projects by the Humanities and Social Science Research Institute
- Selected for the Human Korea Plus (HK+) support project

Establishment of Dankook University-Stratasys Advanced Manufacturing Convergence Research Center

- Dankook University is partnering with Stratasys, the world's leading 3D printing company, to build a global collaborative research hub in next-generation 3D printing
- Investing 7.2 billion won to establish state-of-the-art 3D printing equipment and infrastructure



CHEONAN CAMPUS

Cultivating Future Talent in Bio-Medical and Foreign Language Fields - Cheonan Campus



Creating an All-in-One Healthcare Campus

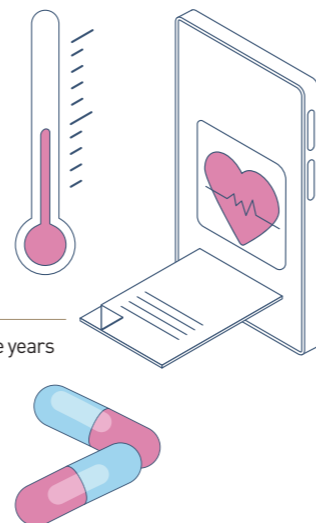
- Providing an integrated medical hub with the Dankook University Hospital, Cancer Center, Dental College Hospital, Jukjeon and Sejong Dental Hospitals, and Bio-related Experimental Center
- Establishing an All-in-One Healthcare Campus, being a model for universities in Korea

Building an Innovation Cluster in the Life Sciences Field

- Concentrating academic development in the life sciences with the Osong Life Sciences Industrial Complex and Daedeok Research Complex
- Offering majors in medicine, dentistry, pharmacy, health, and life sciences
- Selected for a Campus Innovation Park (biohealth, advanced components, and materials)

Operating a Leading Medical Bio Research Institution

- Establishment of the Institute of Regenerative Engineering (national research institution)
- Designated as a National Leading Research Center in the Medical Sciences field (MRC)
- Attracting prestigious overseas research institutions
 - Beckman Laser Institute
 - UCL Eastman-Korea Dental Medicine Innovation Center



Cultivating Future Talent in the Biohealth Field

- The Innovation Convergence University ranked first for three consecutive years in the biohealth sector (with participation from 56 universities)
- Aiming to train 25,000 professionals in the biohealth field by 2026

Lead University in Global and Cultural Fields for Humanities and Social Science Convergence Talent Development

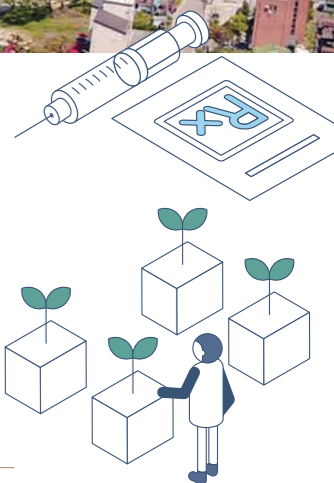
- Involvement of 5 universities with 22 departments (11 foreign language, 5 humanities, and 6 arts and culture)
- Paving career paths for students in the humanities and social sciences
- Developing global K-Culture convergence talent

Specialization in the Foreign Language Field

- Researching various cultures and regions in Europe and Asia
- Designated as a specialized education institution for the promotion of foreign language education

Establishment of a Joint Research Institute with COSMAX in Cosmeceuticals

- Collaborating with COSMAX, a global beauty & health research, development, and production (ODM) company for research in cosmeceuticals
- Opening a Cosmeceutical Materials department (2024)



Dankook University Serves the Community and Promotes Medical Welfare

Dankook University Hospital

Designated as the only 5th-level general hospital in Chungnam province, operating a regional trauma center and a medical helicopter service

Since its opening in 1994, the Dankook University Hospital has been at the forefront of establishing a top-tier medical system based on the principles of "respect for human beings" and "respect for life." It is the largest university hospital in the central region of Korea, with over 1,000 beds and 33 clinical departments, including internal medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry, along with emergency medical and comprehensive health examination centers. The hospital operates a regional trauma center that provides emergency surgeries and treatment for critically injured patients and has a medical helicopter system to provide optimal healthcare services to trauma patients in remote island areas.

Opening the Largest Cancer Center in Chungnam Province

The Dankook University Hospital Cancer Center, the largest in Chungnam province, is a state-of-the-art facility with 250 beds, totaling an area of 30,393.5 m², with two underground floors and eight above ground. More than 84 billion won has been invested in construction and equipment. In addition to existing medical staff, over 20 specialized medical personnel have been added to implement multidisciplinary care. In June 2023, the Cancer Center was selected as the 'Chungnam Regional Cancer Center' by the Ministry of Health and Welfare, conducting various projects to improve access for cancer patients in the region, bridge gaps in cancer treatment among regions, and manage the health of cancer survivors for their reintegration into society.

Selected as the Responsible Medical Institution for the Chungnam Region

Dankook University Hospital has been designated as the responsible medical institution for the Chungnam region by the Ministry of Health and Welfare. The hospital conducts initiatives related to the transport and transfer of severely ill and emergency patients, community integration for discharged patients, mental health promotion programs, rehabilitation medical services, and ongoing care. Additionally, Dankook University Hospital operates various government-designated centers (emergency, trauma, integrated care for high-risk pregnant women and newborns, regional cancer center, etc.) and collaborates with 16 local health centers in Chungnam to establish a network for public health cooperation.



▶ Dankook University Hospital



▶ Dankook University Dental Hospital



▶ Dankook University Jukjeon Dental Hospital

Dankook University Dental Hospital

Established in 1984, the Dankook University Dental Hospital has become the leading dental hospital in the central region, pioneering the development of the first next-generation integrated solutions in Korea and implementing advanced systems such as Full-PACS, imaging EMR, MDCT, and CBCT. The hospital operates 11 specialized clinical departments, including Conservative Dentistry, Oral and Maxillofacial Surgery, Prosthodontics, Periodontology, Orthodontics, Pediatric Dentistry, Imaging Dentistry, Oral Medicine, Preventive Dentistry, Integrated Dentistry, and Anesthesiology and Pain Medicine, along with a dental care center for disabled individuals in the Chungnam region. Over 250 specialized medical staff and support personnel work collaboratively to provide optimal healthcare services to patients.

Dankook University Jukjeon Dental Hospital

Opened in 2010 to enhance oral health services in the community, the Jukjeon Dental Hospital is located within the Jukjeon campus (Yongin). It has established a dental care center for disabled individuals in the Gyeonggi region and operates specialized clinics such as Orthognathic Surgery Clinic, Implant Clinic, Temporomandibular Joint Clinic, Pediatric Pain-Free Clinic, and Orthodontic Clinic, with over 110 specialized medical personnel and support staff providing services.

Dankook University Sejong Dental Hospital

Opened in 2017 to address medical gaps in the Sejong Special Self-Governing City. The Sejong Dental Hospital has more than 30 specialized medical personnel and support staff, providing the highest level of medical services to residents of Sejong. In 2024, a regional dental care center for disabled individuals will open, featuring an outpatient clinic, general anesthesia room, and recovery room covering an area of 642.37 m² to ensure that disabled individuals in Sejong and nearby areas receive specialized oral health services.

Undergraduate

Jukjeon Campus

College of Humanities

Korean Language and Literature
History
Philosophy

British and American Humanities

College of Law

Law

College of Social Sciences

Political Science and International Relations
Public Administration

School of Urban Planning and Real Estate

[Urban and Regional Planning, Real Estate]

School of Media Communication

[Journalism, Media Contents, Advertising and Public Relations]

Counseling

College of Business & Economics

Economics

International Trade

School of Business Administration

[Business Administration, Accounting]

Industrial Management

College of Engineering

School of Electronics and Electrical Engineering
Semiconductor Convergence Engineering

School of Polymer Science and Engineering

[Polymer Engineering, Fiber Convergence Materials Engineering]

Civil and Environmental Engineering

Mechanical Engineering

Chemical Engineering

School of Architecture

[Architectural Studies (5 years), Architectural Engineering]

College of Software Convergence

Software Science

Computer Engineering

Statistics and Data Science

Cybersecurity

School of Software Convergence

[SW Bio Convergence Engineering, Software Convergence Contents, Software Convergence

Economics and Business Administration,

Software Convergence Law, Global Software

Convergence]

College of Education

Sino-Korean Education

Special Education

Mathematics Education

Science Education

Physical Education

College of Music and Arts

Ceramic Arts

School of Design

[Visual Communication Design, Fashion Merchandise Design]

School of Theater and Film

[Theater, Film, Musical]

Dance

School of Music

[Piano, Instrumental Music, Vocal Music, Music Composition, Korean Traditional Music]

PRIMUS International College

International Business Administration

Mobile Systems Engineering

Bio and Material Engineering

Korea Studies

Acting and Filmmaking

School of Global Core Education

Toegy Innovation College

Cheonan Campus

College of Foreign Languages

School of Asian and Middle Eastern Studies

[Chinese, Japanese, Mongolian Studies, Middle Eastern Studies, Vietnamese Studies]

School of European and Latin American Studies

[German Studies, French, Spanish and Latin American Studies, Russian Studies, Portuguese and Brazilian Studies]

English Language

Global Korean Language

College of Public Service

Public Policy

Public Administration

Social Welfare

Marine Corps Military Studies

Food Resource Economics

College of Science & Technology

Mathematics

Physics

Chemistry

Food Science and Nutrition

Materials Science and Engineering

Energy Engineering

Management Engineering

Pharmaceutical Engineering

College of Bio-convergence

School of Life Resources

[Crop Science and Biotechnology, Animal

Resources Science, Environmental

Horticulture, Landscape Architecture]

School of Biomedical Sciences

[Biomedical Systems, Life Sciences,

Microbiology]

Food Engineering

Cosmedial Materials

College of Arts

School of Fine Arts

[Crafts Design, Oriental Painting Major,

Western Painting Major, Sculpture]

Literary Creative Writing

School of New Music

[Music Technology, Jazz Performance, Singer-

Songwriting]

College of Sports Science

Recreation and Leisure Sports

Sport Management

School of International Sports Studies

[Exercise Prescription and Rehabilitation, International Sports Studies, Taekwondo,

Golf]

College of Medicine

Pre-medical Course

College of Health Sciences

Biomedical Laboratory Science

Physical Therapy

Health Administration

Dental Hygiene

Psychology and Psychotherapy

College of Nursing

Nursing

College of Dentistry

Dentistry

College of Pharmacy

Pharmacy

Yulgok Innovation College

Graduate School

General Graduate School

Jukjeon Campus

Humanities and Social Sciences

Korean Language and Literature
Literary Creative Writing
English Language and Literature
Japanese Language and Literature
Chinese Language and Literature
Chinese-Korean Translation and Interpretation
Middle Eastern and African Studies
Sino-Korean Studies
History
Philosophy
Education
Counseling
Special Education
Speech Language Pathology
Law
Public Administration
Political Science and Diplomacy
Urban Planning and Real Estate
Media and Communication
Business Administration
Economics
International Trade
Statistics and Data Science

Natural Sciences

Science Education
Mathematics Education
Korean & Asian Traditional Dress

Engineering

Architectural Studies
Architectural Engineering
Polymer Engineering
Fiber Systems Engineering
Mechanical Engineering
Electronics and Electrical Engineering
Computer Science
Civil and Environmental Engineering
Chemical Engineering
Convergent Systems Engineering
Data and Knowledge Service Engineering
AI-based Convergence
Medical Consilience Engineering
Foundry Engineering

Arts and Sports

Ceramic Arts
Communication Design
Korean Classical Music
Music
Physical Education
Dance
Fashion and Merchandise Design
Culture and Arts
Plastic Arts
e-sports
Sport Science Convergence
Adapted Physical Activity
Performing Art
Fine Arts
Craft Design
Sculpture
IT-Law Joint Program
Industry-Academia-Research Joint Program
Future ICT Convergence and Start-up
Science and technology policy convergence

Cheonan Campus

Humanities and Social Sciences

Mongolian Studies
Food and Resource Economics
European Language and Literature
Public Policy
Psychology

Natural Sciences

Physics
MicroBiology
Mathematics
Food Science and Nutrition
Chemistry
Biological Science
Animal Biotechnology
Crop Science & Biotechnology
Environmental Horticulture and Landscape Architecture
Public Health Science
Clinical Pathology
Nursing
Pharmacy
Nanobiomedical Science
Horticultural Therapy
Biomedical Systems

Engineering

Industrial Engineering
Food Engineering
Advanced Materials Engineering
Energy Engineering
Pharmaceutical Engineering
Hydrogen Energy

Arts and Sports

Exercise and Medical Science

Medicine

New Music
Sports Health Care
Medicine
Dentistry
Medical Laser
Industry-Academia-Research Joint Program



Specialized Graduate Schools

Jukjeon Campus

Graduate School of Business Administration
Graduate School of Public Administration and Legal Studies
Graduate School of Education
Graduate School of Special Education
Graduate School of Information Convergence Technology and Entrepreneurship
Graduate School of Culture, Arts and Design
Graduate School of Real Estate and Construction

Cheonan Campus

Graduate School of Policy and Business Administration
Graduate School of Sport Science
Graduate School of Health and Welfare

Research Institute

School Policy Oriented Research Institute

Jukjeon Campus

Research Institute of Information and Culture Technology

Information Technology Research Center
Culture and Technology Research Center
Gyeonggi Dankook-Samsung Mobile Institute
Center for Autonomous Driving and Drone Technology
Smart City Strategic Research Institute
Energy Bigdata Research Center
HCI Research Center
AI Research Center
Culture and Arts Metaverse Center

Academy of Asian Studies

Research Division
Compilation Division
Translation Division
History and Culture Research Institute
Institute of East Asian Interchanges
East Asian Traditional Culture Research Institute

Cheonan Campus

Institute of Tissue Regeneration Engineering

Institute of Nano-biomedical Regeneration Engineering
Dental Medicine Tissue Regeneration Center
Translational Research Center for Tissue Regeneration
Global Network Research Center for Tissue Regeneration
Dankook Institute for Photomedicine
Biophotonics Research Center
Medical Photonics Research Center
Translational Clinical Research Center for Photomedicine



Government-funded Research Center

Jukjeon Campus

Intelligent Convergence SW Research Center
Life Care AI Convergence Institute
Center for Engineering and Design
Smart Building Safety Technology Center
Software and Design Convergence Center
Wearable Manufacturing Data Platform Center
Industrialization Research Center for Natural Food and Medicinal Materials

Cheonan Campus

Beckman Laser Institute Korea Center
Research Center of Nanobiomedical Science
Global Research Center for Animal Science and Technology
UCL Eastman-Korea Dental Medicine Innovation Centre
Bio-Medical Engineering Core-Facility
Center for Mechanobiology and Dental Research
Chungnam Center for Unification Education
Hydrogen Center
Biohealth Intellectual Property Center

