





Message from the President



Kwangwoon University

will lead the era of hyper-convergence

Kwangwoon University was founded in 1934 by Dr. Cho Kwangwoon (pen name: Hwado), who foresaw the necessity of wireless communication and electronic engineering education as the core of the future of Korea.

Since its foundation, Kwangwoon's talented graduates have actively engaged in various fields of society, not to mention the electronic industry. As a result, the alumni of Kwangwoon University are currently recognized for their outstanding talents at home and abroad.

With the advent of the Fourth Industrial Revolution, individuals and their society are facing the demands of irreversible change. In response, Kwangwoon University will consistently pursue a new paradigm that focuses on the education and research of convergence in every field to foster talents for the new era. We will make our utmost efforts to construct an era of intelligence-based hyper convergence beyond convergence.

Together with Kwangwoon University, we hope you dream, prepare for the future, and become the hero of the future

Thank you.

President of Kwangwoon University Jangheon Kim



Kwangwoon strives to achieve continuous advancements in its path. ean 8c eac

1990s

1994. 09 Opening of the Culture Center

1997. 12 Designated as Local Center for Integrated Circuit Design Education Center (IDEC) by the Ministry of Commerce, Industry and Energy

1997. 06 Opening of Ice Rink at the Culture Center

1997. 07 Designated as Information Communication Start-up Support Center by the Ministry of Information and Communication

1998. 09 Designated as Outstanding Demonstration School by the Ministry of Information and Communication

1999. 08 Designated as Small and Medium Business Start-up Training Center by the Small and Medium Business Administration

1999. 08 Inclusion of the Physics / Chemistry Departments in the

1999. 10 Integrated Circuit Design Education Center designated as

2000s

2001. 02 Designated as the Best Institute in Electric-Electronics-Information Technology

2002. 04 Inclusion of three fields in new BK21 Projects for 2003

2002. 08 Designated as an Outstanding Education Innovating University by the Ministry of Education & Human Resources Development

2002. 09 Designated as a Fundamental Talent Training Institute by the Korea Electric Power Research Institute

2005. 03 Designated as the "University for the ET Education Innovation Support Project" hosted by the Ministry of Environment

2005. 04 Designated as the Best University among educational institutions implementing the Small and Medium Business Technology Training University Project

2005. 06 Included in the Metropolitan Area Specialization Project of the Ministry of Education

2005. 07 Signing of the agreement for Korea's first IT Track with Samsung

2006. 04 Included in the IT-SoC Designer Education Project by the Korea IT

2006. 07 Included in the Metropolitan Area University Specialization Project

2007. 02 The Electronic Engineering Department included in the 2007 NEXT Project of the Ministry of Information and Communication

2009. 04 Designated as the Supporting University of the Educational Capacity Expansion Project

2020s

2010. 08 Included in the Scientific Research Center (SRC) Training Project of the Ministry of Education, Science and

2014. 05 Included in the Advancement of College Education (ACE) Project of the Ministry of Education

2016. 09 Completion of Kwangwoon Square and the 80th Anniversary Memorial

2016. 12 Included in the Seoul Creative Economy Campus Town

2017. 03 Designated as the Software Oriented University Project

2017. 09 Opening of the Kwangwoon University Public Dormitory

2017. 12 Included in the Seoul Campus Town Project

2018. 01 Inauguration of the 10th President, Jisang Yoo, Ph.D. 2018. 09 Designated as "Voluntary Improvement University" in the

University Capacity Assessment

2019. 03 Opening of the SNK-VITAMIN Center

1930s~

1934. 05 Foundation of Chosun Radio Training Center

1970s

1962. 03 Establishment of Dongguk Electronic Engineering College with an Approved Course

1964. 01 Establishment of 4-year Dongguk Electronic Engineering College with an Approved Course

1980s

1983. 03 Renamed as Kwangwoon College

1988. 02 Inauguration of 1st President, Dr. Cho Musung

1988. 03 Establishment of Kwangwoon University

1987. 10 Promotion as a University

1964. 02 Inauguration of 1st Dean, Dr. Cho Eungchun

1964. 12 Renamed as Kwangwoon Electronic Engineering College

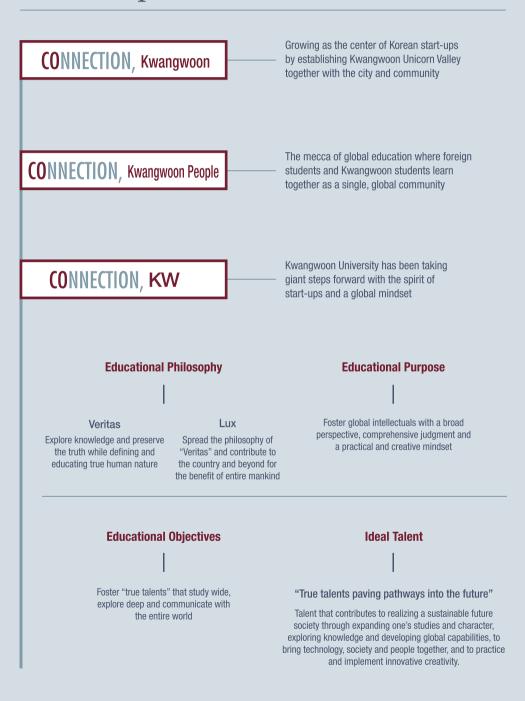
1968. 02 Hosting of the 1st Kwangwoon Electronic Engineering College Graduation Ceremony

1973. 12 Establishment of sisterhood relationship with Arkansas Engineering College

1976. 12 Renamed as Kwangwoon Engineering College

1979. 12 Establishment of Graduate School of Engineering

Kwangwoon, taking giant strides forward with the power of connection



K - V I S I O N 2 0 3 0

	KW LEAP Leap to the Future with Creativity, Communication and Innovation The university opening pathways into the future through creativity, communication and innovation		
Core Values	+	ersity contributing to the cement of a glocal society + A university growing together with its members	
Developmental Objectives	Realize an innovative education model through fostering talents		
	Establish a hub for research, industry-academy collaboration and start-ups capable of leading the intelligent society of future to the start of the		
	Secure sustainable growth through management inno	ovation	
	Triple-2C strategy		
	Triple-2C strategy Convergence-Personalized		
Strategic Direction	•	Operation of a personalized education innovation model for strengthening creative and convergence capabilities	
	Convergence-Personalized —	·	
	Convergence & Customization	•	
	Convergence & Customization Selection-Concentration	strengthening creative and convergence capabilities Concentrated fostering of skills in specialized fields to strengthen	

Kwangwoon Unicorn Valley, the basecamp for stars of the future START-up

The flower of start-up culture blooms here, throughout the year and through the seasons

2019 : Kwangwoon University establishes a **Technology Holding Company** by Ministry of Education

2019 : Designated as the **Start-up Accelerator** by the Small and Medium Business Administration

2018 : Designated as **No. 1** University in **Start-up Space Support** per Student by Korea Economics

2017 : Seoul Start-up Foundation Project by the Seoul Metropolitan Government

Major employment / start-up programs

- 1:1 career consultations for job seekers (application screening and interview clinic, provision of company information)
- Employment studies for each field, application screening and interview clinic providing information on job trends and job seeking strategies from staff in the field (graduates)
- Field trip to outstanding companies, special lectures after field trip
- · Career capacity expansion camp, relay lectures on application and interview techniques provided every semester
- Kwangwoon Job Expo, a company and job exhibition (including recruitment fair) hosted on campus
- Group consultation programs including Student Job Training Program (CAP+), career roadmap development, etc.
- Free job seeking support program with specialization in natural science and engineering, free online job application support service (Kwangwoon University students only) in collaboration with LEtuin

Building the start-up hub platform

Student Start-up Company MEC: MY Engineering Company

The Tech-Biz mutual growth industry ecology system, My Engineering World, provides various start-up education programs, and supports students to experience real-life tasks in establishing and operating a business

MEC is held every year and provides various start-up classes to students from engineering and non-engineering fields by forming various specialized teams.

Start-up space support / matching with industry expert mentors (graduate or family company) / Silicon Valley start-up training support / start-up support fund (preparation of prototype, conference cost, expert utilization cost, etc.)

Construction of SNK-VITAMIN Start-up Center

SNK-VITAMIN Start-up Center was established through private-public-academy collaboration where Kwangwoon University provided land and Seoul supported the construction cost

VITAMIN Center, with total surface area of 517 m², consists of the 1st floor that holds seminar rooms and space of the local community, 2nd floor that has 3D printer rooms and 3rd floor that hosts early start-up training rooms

It provides a comprehensive start-up service consisting of start-up related information, consulting, education and networking as well as expert investment solicitation and prototype development for local youth and population preparing to commence a start-up.





Operation of Converged Design Thinking Lab

Location	2F Saebit Hall, Converged Design Thinking Lab	
Opening Hours	24/7	
Function	Provides a co-working space for club activities, education programs/ seminars and networking for students, and start-up clubs and (to-be) start-up groups / Consists of classroom, practice room	
	(3D printer practicing), seminar room, etc.	
Area	326.60 m²	



All CARE KW

Aim to reach the greater stage, from Kwangwoon to the world!

From the world to Kwangwoon

Traversing the world



(20191)

23.6 billion won

Total scholarship

3 million won

Scholarship per student

Company field trips

Global Field Trip (Australia)

This is a program for students who are interested in taking up jobs overseas, interested in gaining field experience, in need of opportunities to explore careers, and/or interested in a wider range of exchanges.

University Global Field Trip (Germany)

This program fosters talent with global sensitivity, offering opportunities to combine various overseas field experiences designed to help students build their careers and resumes.

WEST Program (USA)

The US-Korea student training (WEST) program provided by the National International Institute offers various language programs and opportunities for internship in the US to foster talent with global awareness.

Seoul Government University Student Internship

The Seoul Government University Student Internship is a program provided by Seoul, and it enables students to explore careers and gain practical work experience through work related to the operation of Seoul Metropolitan City.

Educating students as global talents

Education through Field Experiences

Job Academy

- Java based algorithm education for SW development
- Courses in Big Data social marketing skills
- Smart logistics

Long-term Work Overseas Program (Japan)

- Smart Cloud IT Master Program

National Infrastructure Program- Plant Specialist Fostering Program

- Engineer, plant operation management course

The same of the sa

(as of 2017~2019)

139 universities in 26 countries

Number of sister universities

9/4

Number of foreign students (undergraduates, graduates)

ALL CARE Program for foreign students

Differentiated university experience program

- Observation of university classes
- Meeting with graduates
- Major orientation session
- Movie session
- Library utilization class
- Welfare facility experience

Korean language excellence program

- Preliminary education prior to
- commencement of semesters
- Various activities using lessons learned
- Systematized pronunciation class
- Free parent-child class, clinic
- Free TOPIK preparation class

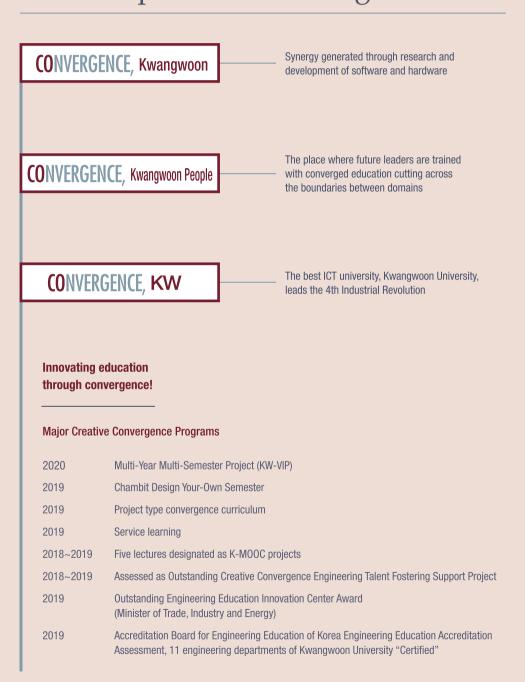
Multi-Care Program

- University life counseling system
- 1:1 mentoring program with Korean students
- Study community programs (tutoring, study groups)
- Student club activity for support of foreign students, tutor groups with participation of professors

Trainee scholarship system

- Nominal scholarships offered to high performance students every semester
- Benefit of 50% scholarship upon admission after completing Korean language course at Kwangwoon University
- 64% or more foreign students receive scholarship benefits

Kwangwoon, leading the pathways to future with the power of convergence



K W - P O W E R

Leading education under the name of Kwangwoon

External Achievements

3.96 billion wor

University innovation projects

(2019)

3 billion won

Recipient of government support funds for software-oriented university in 2017

(2017)

Best

Ministry of Education assessment for voluntary improvement of university capability

(2018)

13 billion wor

Seoul Campus Town Program (program type, general type)

(2016~201

Highest rating

Bitsoljae green building certification for public dormitory

(2017)

No. \mathbf{Z}

University student consecutive employment rate in Korea

(2018)

7 consecutive years

University support program contributing to normalization of high school education

(2013~2019)

Best University

2018 University Assessment from Industry Perspective, environment section (Environmental Engineering)

(20

No.

Employment and start-up space

(2018)

1% Researcher

Mathematics Prof. Kim Taegyun, 2016-2017 World's Top Research Achievements

(2016~2017)

Know-ho Convergence study know-how of Kwangwoon Only possible at Kwangwoon Korea's largest Software oriented university

2017 Software-Oriented University Government Support Fund

3 billion Won

Kwangwoo SW Oriented University Vision for Education

Foster and realize global top-level software talent leading the SW oriented society and the 4th Industrial Revolution

Major programs

- Industry demand-based education, Full-Stack education course
- Convergence-related departments, mandatory coding class for students majoring
- Industry-academy collaboration project on problem solving skills, prepared internship and job opportunities
- Talent donation to local community SW class, free online education for the public

Capacity of Kwangwoon, unmatched results

Major research programs Research assessment

Outstanding overseas research facility attraction program (German INP) (6 years, 3.8 billion won, Ministry of Science Technology, Information and Communication)

University ICT Center Fostering Support Program (6 years, 6 billion won, Ministry of Science Technology, Information and Communication)

Program for support of university-oriented research institute (science and engineering) (9 years 4.5 billion won, Ministry of Education)

Program for support of university-oriented research institute (social and humanities) (6 years 1.8 billion won, Ministry of Education)

Program for support of Korea Defense Research Institute specialized laboratory (6 years 4 billion won, Ministry of Defense)

18.2 billion won

Technology transfer profit (2016-2018)

540 items

SCI/SCOPUS Articles (2016-2018)

Domestic

Overseas

Patent registration (2016-2018)

31.3 billion won

Research fund benefit (2019)

Research capabilities of Kwangwoon People

Prof. Lee Daeseok (Electronic Material Engineering), proposed 3D memory structure for high capacity energy storage, Prof. Lee Sangsin (Electronic Engineering) and team, developed multi-focus lens using nano technology, Prof. Park Jaeveong (Electronic Engineering) and team, developed broadband hybrid nano generator, Prof. Sin Hyeoncheol (Electronic Convergence Engineering) and team, received the Presidential Award at the 20th Korea Integrated Circuit Design Competition, Prof. Lee Jihoon (Electronic Engineering), received the CCMR Special Award 2019 at the International Material Academic Competition, Prof. **Kim Yeongeok** (Electronic Engineering), Received the Minister of Administration and Safety Award for "Disaster Safety Research and Development", Prof. Sim Dongqyu (Computer Information Engineering), Advanced ICT based Intelligent Defense Research, Prof. Lee || Jae (English Industry), leader in Al machine translation, Prof. Lee Jonghyeok (Media Communication), Renowned public communication expert of Korea, Prof. Choi Eunha (Electronic Bio Physics), recipient of 2016 ICPM Plasma Medicine Award

University Status

Colleges

College of Electronics & Information Engineering

As Korea's largest college offering courses in electronics and information, the College of Electronics & Information fosters expert and advanced technicians with practical, creative skills and international competitiveness, which help build the 21st century knowledge base society through field-oriented engineering courses and systems.

Electronic Engineering Department, Electronic Communication Engineering Department, Electric Engineering Department, Electronic Convergence Engineering Department, Electronic Material Engineering Department, Robotics (information control, intelligent system)

College of Software and Convergence

As Korea's largest college in the field of software, two new software related departments have been integrated, and Korea's largest information convergence department dedicated to convergence software with great potential has been added. With the best systems and capabilities, the college fosters software convergence specialists the modern industry needs.

Software Department, Computer Information Engineering Department, Information Convergence Department

College of Engineering

The College of Engineering fosters talent with specialized expertise as well as international competitiveness through basic theoretical studies and application classes designed to strengthen practical and creative capabilities for application in the field.

Chemical Engineering Department, Environment Engineering Department, Architectural Engineering Department, Architecture Department

College of Natural Sciences

Pursuing the goals of "producing independent and self-reliant individuals with new knowledge" and "providing education that values practicality, creativity and field-relevant knowledge," the College of Natural Sciences aims to provide education and conduct research to develop knowledge and applications required by the society and produce specialists who can contribute to the betterment of our society and all of mankind.

Mathematics Department, Electronic Bio Physics Department, Chemistry Department, Sports and Leisure Studies, Information Contents Department (evening program)

College of Humanities and Social Sciences

The College of Humanities and Social Sciences fosters talent capable of applying their humanistic insights and knowledge to build the future society according to the changes in the information era. The college nurtures talents who can creatively explore, study and analyze social phenomena.

Korean Language and Literature Department, English Industry Department, Media Communication Department (media information, interactive media communication, strategic communication), Industrial Psychology, Northeast Asian Cultural Industry (cultural exchange, cultural content development)

College of Law and Public Policy

The College of Law and Public Policy fosters global talent in possession of legal judgment, administrative capabilities and global capabilities, and nurtures human resources capable of leading the international society.

Public Administration Department, Law Department (general law, international law, science and technology law), International Studies (international area studies, global Korea), Asset Management Department (evening program)



College of Business

The College of Business fosters creative entrepreneurs capable of leading the 4th Industrial Revolution, and trains expert business managers with information technology capabilities.

Business Administration Department, International Trade Department (international trade)

Ingenium College

Ingenium College is the former College of Liberal Arts promoted to strengthen studies of liberal arts and aims to foster talent with balanced understanding and creative capabilities. In order to achieve such objectives, Ingenium College provides classes of convergence, foreign languages, video lectures, musical instrument training and courses in various liberal arts.

College of Northeast Studies

The College of Northeast Studies explores various fields related to different regions. The College operates a "two mandatory language system" that mandates English and Chinese language courses to serve as the foundation for fostering experts with knowledge and capabilities required to engage in the fields of trade, culture and international relationships in Northeast Asia.

Graduate Schools

Graduate Schools

As an educational and research institute that strives to live up to its founding motto of diligence, frugality and exploration, in addition to its educational philosophy of Veritas et Lux, Kwangwoon University aims to nurture advanced researchers with unique research capabilities. In order to achieve such objective, the university continues to expand its scholarship and benefit programs while supporting world-class courses and research, and the faculty continues to maintain top ranking in various indexes among Korean universities. Currently, 12 collaborative courses and 1 contractual department consisting of 27 general departments, and training related to defense industry, urban planning and real estate and legal affairs in construction are being operated.

Graduate School of Environmental Studies

The Graduate School of Environmental Studies is fostering expert leaders capable of responding to the changing domestic/overseas situation where a shift towards an environment-friendly industry has become imperative. Since its establishment in 2003, the school currently operates 5 tracks of environmental management, environmental engineering, influence assessment, disaster safety management and minimization of private sector disaster, and in order to optimize the quality of the courses provided, Kwangwoon University has employed highly qualified full-time professors and also invites renowned academicians from various fields.

Graduate School of Business Administration

The Graduate School of Business Administration has been fostering talent capable of leading the 4th Industrial Revolution, with informatization, globalization and specialization as its core values. The school offers various courses specializing in stock market investment and trading, business information, start-up consulting, tourism and dining, self-business consultations, psychological stability business administration, beauty art business administration, nutritional medicine (ND), and microbiome and meister business administration. Currently, top-class professors are providing courses of the latest theoretical studies and practical lessons.





Graduate School of Smart Convergence

The Graduate School of Smart Convergence aims to foster convergence experts in the ICT-based convergence field demanded by the 4th Industrial Revolution. Based on the traditional methods of fostering ICT based experts, it is concentrating its efforts on fostering creative, future-oriented experts capable of converging various fields using core traditional ICT technologies as well as new technologies. Various ICT-based converged courses including smart systems, game, beauty convergence, tourism, urban planning and real estate and medical devices are provided, and the outstanding professors and systematic courses enable us to offer the best education on the latest technologies of the smart convergence field.

Graduate School of Education

The Graduate School of Education operates 11 education courses aimed at developing core capabilities required in the future era heralded by the 4th Industrial Revolution, including counseling, math education, early English education, parenting, public sports, life-long multi-culture education, linguistic rehabilitation and treatment education, education engineering, coaching psychology, education in psychological treatment and specialty education.

Graduate School of Counseling, Welfare and Policy

The Graduate School of Counseling, Welfare and Policy recognizes the structural limitations modern society has faced since its early days, and fosters talent specialized in personal counseling, demand for social welfare demand and national level policies through courses in counseling treatment, social welfare and silver welfare, and child and youngster fields.

Graduate School of Legal Affairs in Construction

The Graduate School of Legal Affairs in Construction is Korea's only graduate school fostering specialized talent capable of preventing and resolving conflicts that occur in construction fields. It offers programs with a focus on practical problem-solving capabilities as well as agendas of construction law, appraisal practice and construction conflict resolution. The programs are offered under the supervision of the best professors in the domain. The School currently operates construction law department, construction lawyer department and construction lawsuit administration department.

Presidential Organizations

Institute for Innovative Higher education

The Institute for Innovative Higher education is an organization defining the core values and objectives Kwangwoon University should pursue. The institute identifies various materials needed in realizing student-oriented college education, and oversees the development, operation, diagnosis and evaluation of courses. It was established as a presidential organization on December 27, 2017 for the purpose of leading innovative development of college education. The institute consists of the operation team, Professor Learning Center, Student Education Innovation Center and a specialized project unit.

Professor Study Center / Student Education Innovation Center / Kwangwoon MOOC Center

University Innovation Project Unit

The University Innovation Project Unit realizes school development objectives through reinforcing the university's fundamental capabilities. The unit pursues innovation in education, research and industry-academy collaboration.

Facilities

Central Library

The central library (KWUL) was established in 1967 as the Central Library for Kwangwoon Electronic Engineering College and has been providing uninterrupted services since. It currently undertakes a central role in supporting the research activities of professors and academic activities of students. In order to contribute in realizing the university's vision of becoming "the World's Best Global IT University," the library has secured more than 600,000 books and various domestic and international journals and electronic journals as well as partnerships with other university libraries and research institutes for provision of prompt, accurate academic information services. The central library will continue to serve its role as the cradle of academic activities in Kwangwoon University, which pursues the vision of being a practical academics-oriented university of the 21st century.

Donghae Culture and Arts Hall

This large culture and arts hall was built on land donated by the First President, Cho Musung, and was named after his pseudonym. It is the largest culture and arts facility in northern Seoul with 2 floors underground, 4 floors above ground and a total surface area of 14,728.67 m². It is open to the public 24/7 allowing the local community to enjoy cultural events, arts and sports. The hall is making great contributions in the development of local culture and public sports.

Kwangwoon University Newspaper

Kwangwoon University Newspaper was launched in 1967 with the philosophy of 'the reasonable argument while facing the truth'. It is published biweekly under the editing policy of horizontal writing and Korean characteristics only to spread the news about Kwangwoon to our students, faculty members, alumni, and high schools, university presses and related organizations nationwide.

English Newspaper

English Newspaper was established in 1984 to promote healthy academic environment and the right university spirit. It pursues the daily use of the English language as well as spreading the news of university activities domestically and internationally.

Glocal Education Center

The Glocal Education Center is a facility formed from the integration of the former International Education Center and former Hallimwon, which were established to implement the globalization of Kwangwoon University's education and research capabilities. The center's faculties compose of various foreign professors specialized in different languages and fields. In terms of education, it provides various classes and non-major education programs to improve students' language skills and runs various education programs to help students be able to study abroad. In terms of research and external exchanges, the center hosts and participates in various academic exchanges with various education and research institutes, communicates and promotes academic and convergence research among various academic fields, and implements various support programs that contribute to strengthening the glocal capabilities of Kwangwoon University.

Dormitory

With a strong reputation as "the leading university in electronic engineering" and "the university opening the era of information society," Kwangwoon University is a pathbreaker of Korea's electronic engineering. Based on its historic and academic achievements, the university proposes a new vision of becoming "the university trusted by society for its future oriented research and education" and "a university of practical experiences ensuring students' social advancements." The university is also implementing a systematic mid to long term development plan, and as part of such plan, it constructed a new dormitory named Bitsoljae in July of 2017.

Campus Town Project Unit

The Campus Town Project Unit is a new urban rejuvenation model designed to create future value for youngsters. The unit focuses on resolving realistic issues, innovating the local community and creating new jobs for youngsters together with Seoul, Nowon-gu. As of 2020, 1 start-up café and 3 start-up studios are being operated, providing start-up spaces to more than 30 teams.

Subsidiaries

Industry-Academy Collaboration Unit

Kwangwoon University Industry-Academy Collaboration Unit was established in February 2004 for the purpose of taking the initiative in developing technologies required by the industry and in fostering specialized talent based on close collaborations with various industries. Inspired by the track record of Kwangwoon University leading the age of electronic engineering with the Chosun Radio Training Center in 1934, the Kwangwoon University Industry-Academy Collaboration Unit will lead today's knowledge and information society.

 $Industry-Academy\ Project\ Team\ /\ Administration\ Team\ /\ Research\ Support\ Team\ /\ Research\ Promotion\ Team\ Administration\ Team\ Administration$

Subsidiary Institutes

Information Science Institute

The Information Science Institute offers opportunities for higher education based on the rich human and materialistic resources of the university and aims to foster talent that will enhance quality of life for the 21st century knowledge and information society. The institute was established as the university's subsidiary life-long education center in 1990, and currently operates and offers various social education courses such as an academic credit bank system and bachelor's programs.

International Education Center

In the present age where globalization continues to expand, the ability to use and understand foreign languages is becoming more critical than ever. Recognizing such strong demand, Kwangwoon University International Education Center offers optimized education programs designed to improve students' foreign language skills.

Subsidiary Research Facilities

University Focus Research Center

Other Facilities

Military Reserve Regiment / Student Soldier Training Unit / SW Focus University Project Unit

We Leap!

At the center of advancement
Kwangwoon makes giant strides towards the world!



ITMORTO 139 universities in 26 countries

Number of sister universities

Number of sister universities

Kwangwoon University always made advancements with Kwangwoon People and continues to lead Korea along its path. Kwangwoon University and Kwangwoon People will continue to lead together to make greater advancements and build a stronger leadership to expand out to the world.



Kwangwoon University Official Website







Kwangwoon University Kwangwoon Media Broadcast Center

https://www.youtube.com/user/KWBConair



Kwangwoon University Official Blog





Kwangwoon University Online Newsletter http://news.kw.ac.kr

