

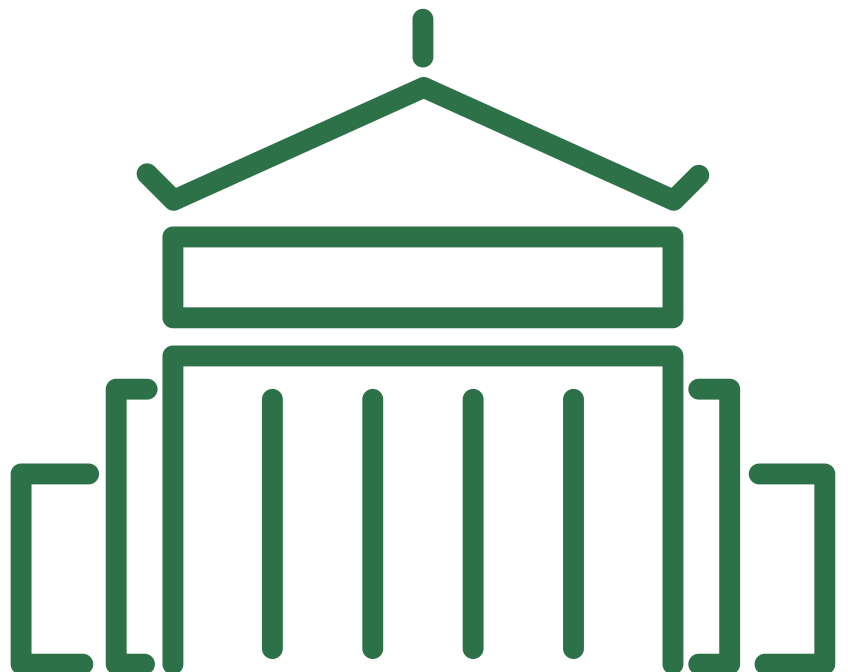
Konkuk University 

Departments & Majors

Center for International Faculty &
Student Services, Office of International Affairs

We do it together with a powerful synergy
which is composed of the growth
and challenges!

Konkuk University





Preface

First of all, I would like to extend my sincerest gratitude for the interest you have shown in Konkuk University. Konkuk University is a fast-growing university within the realms of education, research and administration and has consistently maintained a leading position at the forefront of globalization amongst institutions of higher education in Korea. Currently, the university promotes the globalization of its campus through exchange with 592 prestigious universities and organizations in 65 countries.

Konkuk University also promotes welcoming the academically excellent amongst overseas students while also providing a wide range of high-quality services to assist in their successful learning and transition to school life. The decision to study abroad is one of the most important decisions in life and, recognizing this, we have decided to publish a guidebook for majors geared toward prospective students hoping to study abroad at Konkuk University.

This guidebook introduces 44 majors along with detailed information regarding their requisite career fields and prerequisite study, which we hope will be of assistance to those wishing to attend Konkuk University as they plan for their futures that lie ahead.

Lastly, this guidebook is anticipated to be widely utilized in order to encourage prospective students to select Konkuk University as their school of choice for overseas study, and I would like to thank the members of the Foreign Students Center for their efforts dedicated to its publication.

Thank you.

September 2018

Dong-Eun KIM

Vice President for International Affairs, Konkuk University

KU Overview

University Overview

Name of University	Konkuk University	Year of Establishment	1931
University Type	Private four-year university	University Website	[Korean] http://www.konkuk.ac.kr [English] http://www.konkuk.ac.kr/eng/
Address	(05029) Konkuk University, 120 Neungdong-ro, Gwangjin-gu, Seoul, Korea		

Admission Information

Category	Admission to Language Institute	Admission to Undergraduate School	Admission to Graduate School
Department	Konkuk Language Institute	Center for International Faculty & Student Services, Office of International Affairs	Center for International Faculty & Student Services, Office of International Affairs
Representative	English : Da-Ae Park Chinese : Soo-Min Suh Japanese : Min-Jeong Nam	Byoung-Su Kim	Il-Ho Tak
E-mail	kli@konkuk.ac.kr	uadmissions@konkuk.ac.kr	iadmissions@konkuk.ac.kr
Tel.	English : +82-2-450-4174 Chinese : +82-2-450-4173 Japanese : +82-2-450-4172	+82-2-2049-6202	+82-2-2049-6204
Website	http://kfli.konkuk.ac.kr/ko/	http://abroad.konkuk.ac.kr/	
Application Guideline	Refer to university website		

Majors



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College of Liberal Arts	Department of Korean Language & Literature, Department of English Language & Literature, Department of Chinese Language & Literature, Department of Philosophy, Department of History, Department of Geography, Department of Media & Communication, Department of Digital Culture & Contents	P1~P8
College of Sciences	Department of Mathematics, Department of Physics, Department of Chemistry	P9~P11
College of Architecture	Department of Architecture	P12
College of Engineering	Department of Civil & Environmental System Engineering, Department of Mechanical Engineering, Department of Electronic & Electrical Engineering, Department of Chemical Engineering, Department of Software, Department of Computer Science and Engineering, Department of Aerospace Information, Department of Biological Engineering, Department of Industrial Engineering, Department of Technical Integrated Engineering	P13~P22
College of Political Science	Department of Political Science, Department of Economics, Department of Public Administration, Department of International Trade	P23~P28
College of Business Administration	Department of Applied Statistics, Department of Global Business	
Sanghuh College of Life Sciences	Department of Business Administration, Department of Management of Technology, Department of Real Estates Studies	P29~P31
	Department of Biological Sciences, Department of Animal Science and Technology, Department of Crop Science, Department of Food Science and Biotechnology of Animal Resources, Department of Food Marketing and Technology, Department of Environmental Health Science, Department of Forestry and Landscape Architecture	P32~P38
College of Art & Design	Department of Communication Design, Department of Industrial Design, Department of Apparel Design, Department of Living Design, Department of Contemporary Arts, Department of Film and Animation	P39~P44


Helpful Tips for Booklet

Mechanical Engineering*

Location of Department Office :
Building name (building number), room number

International Students Calculated
Based on: Spring Semester 2018

 No. of International Students: 13
  Office Tel.: +82-2-450-3466

 Office Location: #1105, Engineering Building A (21)

Category	Description
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About the Major

Department of Mechanical Engineering through creative applications of physics, mathematics, and engineering to the design and development of thermal fluid, energy, and manufacturing, and...

Courses for Major

- ◆ Major Core Requirements: Mandatory courses for students
- ◆ Major Electives: Major-related elective courses

Courses

Statics, Thermodynamics, Mechanics of Materials, Fluid Dynamics, Dynamics

- Major Core Requirements
- Major Electives : Creative Design, CAD Engineering, Physics/
- Core Requirements

Courses for General Education

- ◆ Core Requirements: Mandatory courses designated by each department to help students' understanding about the major
- ◆ Basic: Courses for basic knowledge, which students select themselves within their respective fields of study
- ◆ Advanced: Courses students select freely in order to build comprehensive knowledge and understanding of fields other than the major

* Courses for general education are mandatory elective courses. For graduation, each student must obtain minimum required credits from basic and advanced courses and also follow the principle of course completion.

Career Paths

- Automobile, construction plant, private enterprises/research centers
- Medical machinery and eco-friendly research centers

Recommended Prior Learning

Differential and integral calculus

Recommended reading or prior learning helpful for studying major

talents challenges

* Engineering-certified department

Additional information on major/department

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College of Business Administration

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College of Art & Design

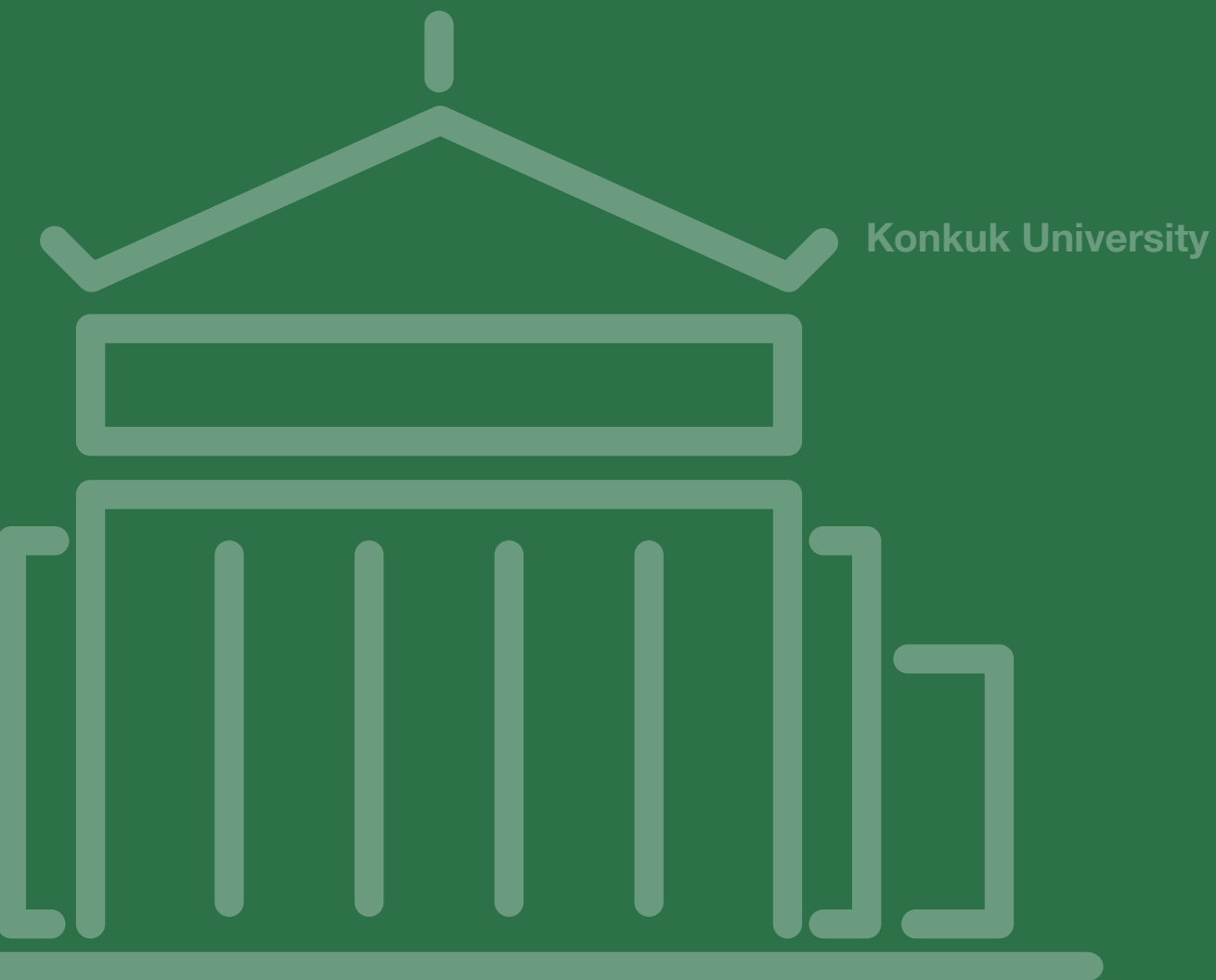
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College of Liberal Arts



Konkuk University

Korean Language & Literature



No. of International Students : 45



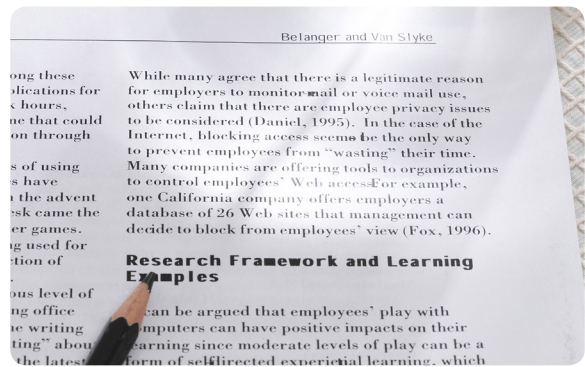
Office Tel.: +82-2-450-3324



Office Location : #110, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	In the Department of Korean Language & Literature, students learn to understand and utilize various elements such as images, symbols and sounds through a curriculum composed of subjects such as Korean linguistics, classical literature and modern literature. Such curriculum aims at fostering creative humanities leaders who will be able to lead the development of an advanced culture in the future through storytelling, big data processing and literary therapy, among others.
Courses	<ul style="list-style-type: none"> • Major Electives : History of Classical Literature, Introduction to Korean Linguistics, History of Modern Literature, Korean Modern Poetry, Korean Modern Novel, Korean Classical Poetry, Chinese Literature, Literature Writing, The Classics And Literary Therapy, etc. • Core Requirements : Understanding Literature, Korean Classic Literatures In Contemporary Life, Reading And Appreciating Korean Classic Literatures, Language And Culture, Korean Literature And Society
Career Paths	Advertising, broadcasting, publishing, education-related public organizations/private enterprises/research centers
Recommended Prior Learning	Various books and subjects on Korean linguistics, modern literature and classical literature
Desirable Talents	<ul style="list-style-type: none"> • Students who have an interest in and a good sense of language and literature • Students with creativity who can actively contribute to cultural development

English Language & Literature



No. of International Students : 21



Office Tel.: +82-2-450-3335



Office Location : #109, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	Department of English Language and Literature cultivates global talents with professional English competencies and creative thinking to benefit the multicultural era. The goal is to help students develop proficient English skills by learning English language and studying English literature. Simultaneously achieve in-depth understanding of the English and American culture.
Courses	<ul style="list-style-type: none"> • Major Electives : Introduction to English Literature, American Culture and Movies, British Novel, Advanced English Communication, English Interpretation, Psychological English • Core Requirements : Story of English, English and American Culture, Introduction to British & American Literature, Reading in Classic English Literature, Basic English Writing
Career Paths	<ul style="list-style-type: none"> • Education, finance, and press-related public organizations/private enterprises/research centers • Interpreter, translator, and other professional occupations
Recommended Prior Learning	<ul style="list-style-type: none"> • Prepare for English qualification tests (e.g.) TOEFL and TOEIC • English linguistics, English and American literature
Desirable Talents	<ul style="list-style-type: none"> • Students interested and passionate about English language and literature • Students who wish to play an active role globally in various fields

Chinese Language & Literature



No. of International Students : 1



Office Tel.: +82-2-450-3372



Office Location : #109, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	<p>The Department of Chinese Language & Literature students study Chinese literature and culture-related subjects in order to enhance level of understanding regarding China as well as Chinese language to improve their command of the language.</p> <p>Through a variety of language programs as well as students' autonomous activities, activities with junior and senior students, counseling and career guidance, field practices, and etc.; students develop into professional talents with global vision.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Introduction to Chinese, Chinese Practice, History of Ancient Chinese Literature, Chinese Cultural Phenomena and Contents, Living Chinese, Current Chinese • Core Requirements : Understanding of Modern Chinese, Understanding of China's Narratives, Introduction to Chinese Culture, Seminar in Chinese Culture
Career Paths	<ul style="list-style-type: none"> • Tourism, education, and finance-related public organizations/private enterprises/research centers • Interpreter, translator, and other professional occupations
Recommended Prior Learning	<ul style="list-style-type: none"> • Basic Chinese language, Chinese characters • Recommended Reading : Read to build humanistic knowledge and understanding <ul style="list-style-type: none"> · What is Chinese? by Choi Yeongae · History of Chinese Literature by Kim Hakju · Introduction to Chinese Studies by Lim Dongseok · A Stroll on Chinese Culture by Lee Gyugap
Desirable Talents	<p>Students who wish to advance into China or expand their dreams in the field of China-Korea exchanges.</p>

Philosophy



No. of International Students : 0



Office Tel.: +82-2-450-3382



Office Location : #109, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	<p>Department of Philosophy provides students with an opportunity to understand their own aptitudes and potentials, also to build detailed goals of their lives by studying philosophical ideas of the East and West.</p> <p>The department aims at cultivating talents that capable of proposing new values and criteria required by the time based on their philosophical knowledge.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Metaphysics, Epistemology, Ethics, Ancient and Medieval Western Philosophy, Modern Western Philosophy, Contemporary Western Philosophy, Chinese Philosophy, Korean Philosophy, Philosophy of Art, Philosophy of Religion, Philosophy of Taoism, etc. • Core Requirements : Oriental Philosophy and Practical Problems, The Problems of Philosophy, Logics
Career Paths	<ul style="list-style-type: none"> • Continuous pursuit of philosophical study • Press and research centers of the related fields
Recommended Prior Learning	<p>Recommended Reading</p> <ul style="list-style-type: none"> · The History of Philosophy by Johannes Hirschberger · Our Philosophical Traditions by Lamprecht · A Short History of Chinese Philosophy by Fung Yu Lan · History of Chinese Philosophy by Fung Yu Lan
Desirable Talents	<ul style="list-style-type: none"> • Students with comprehensive understanding of tradition and future, east and west, and humanity and the world • Students intending to create new social values

History



No. of International Students : 1



Office Tel.: +82-2-450-3392



Office Location : #109, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	The educational goal of the Department of History is to cultivate professionals who are capable of leading the 21st century, and cultured people who have independent views of history. Through research and education centering on Korean history, students build accurate historical consciousness and knowledge. In addition, the subjects on oriental history, western history, and museums help students develop insights on humanity and the world.
Courses	<ul style="list-style-type: none"> • Major Electives : Introduction to Korean History, A Guide to the Oriental History, History of Ancient and Medieval China, History of Modern China, Contemporary History of China, History of Japan, Recent American History, History of Modern Europe, Contemporary History of Europe • Core Requirements : History of Contemporary World, Introduction to History, Introduction to Cultural and Art History
Career Paths	Cultural heritage, broadcasting, publishing or press-related public organizations/private enterprises/ research centers
Recommended Prior Learning	Korean History Competency Test, Chinese character-related qualifications
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in history and documentation • Students with creative minds and independent historical views

Geography



No. of International Students : 0



Office Tel.: +82-2-450-3432



Office Location : #121, Science Bldg. (23)

Category	Description
About the Major	<p>Geography is a study of humanistic and natural phenomenon that occur in the environment, based on the understanding of the environmental system, such as location, space, nature, and etc. surrounding humans. Department of Geography provides geographical information through courses on cartography, GIS, geographical statistics, and etc. needed for geographical research. It fosters expertise of students by focusing on three specialized tracks, which are regional development, global environment, and geo-travel.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : <ul style="list-style-type: none"> – Regional Development : Urban/Transportation/Social Geography, Study on Asian, European and American Regions – Global Environment : Climatology & Lab., Geomorphology & Lab. – Geo-travel : Cultural and Tourism Geography, Geo-travel Contents and Practice • Core Requirements : Human/Physical Geography and Practice, Korean/Travel Geography
Career Paths	<p>Regional location, space, and environment-related public organizations/private enterprises/research centers</p>
Recommended Prior Learning	<ul style="list-style-type: none"> • Basic knowledge on domestic and international geography • Study major historic sites and travel destinations around the world
Desirable Talents	<ul style="list-style-type: none"> • Students with keen observation of surrounding environment based on scientific thinking • Students who are inquisitive, adventurous, enjoy traveling, and interested in various social phenomena

Media & Communication



No. of International Students : 210



Office Tel.: +82-2-450-3362



Office Location : #110, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Category
About the Major	<p>Department of Media Communication provides courses on theories and practices of communication, which plays an important role in today's information-oriented society. Based on the knowledge developed through these courses, students study communication activities in media. Students will understand human psychology and communication through humanistic perspective through linguistics, semiology, and etc.; and learn various forms of communication that range from lingual, semiology, cultural, and video communication.</p> <p>The courses largely divide into four areas (press and information, broadcasting and video, advertising and PR, cultural management) and students can select and build practical experiences in the area of their interest.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Advertising and Communication, Understanding Semiology, Video and Media, PR Communication, Interactive Media, Media Survey Methodology, Storytelling and Communication, etc. • Core Requirements : People and Communication, Communication and Recognition, Understanding Mass Communication, Understanding Journalism, Advertising and Consumer Behaviors
Career Paths	<p>Mass media, advertising, publishing/editing, and digital content-related foreign enterprises/international organizations/research centers</p>
Recommended Prior Learning	
Desirable Talents	<ul style="list-style-type: none"> • Students dreaming to become experts in newspaper, broadcasting, advertising, and PR media industry. • Students with creativity and leadership to lead the media content industry

Digital Culture & Contents



No. of International Students : 102



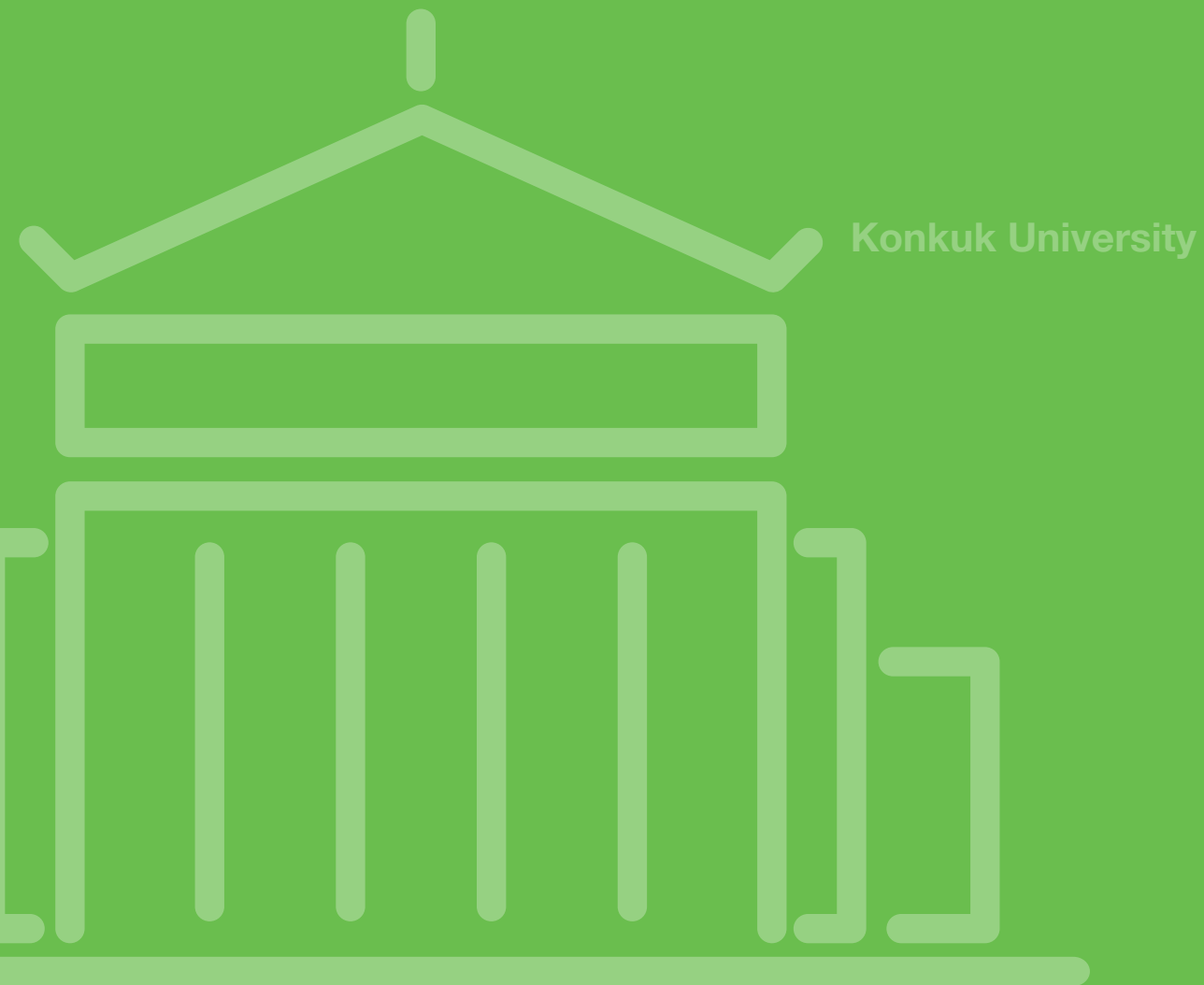
Office Tel.: +82-2-450-3352



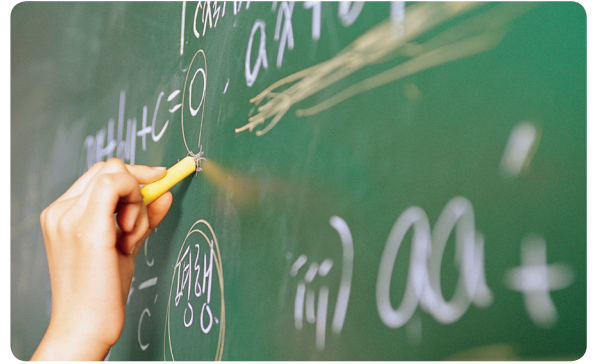
Office Location : #110, Professors' Office Bldg., Liberal Arts Bldg. (19)

Category	Description
About the Major	Department of Digital Culture & Contents aims at helping students learn the planning and creation techniques to turn various cultural elements, such as traditional culture, popular culture, artistic culture, and knowledge culture, into “experience products” of economic added values. In the first and second year, students develop basic knowledge in liberal arts and cultural contents, and study the process of cultural content planning and development. In the third and fourth year, they select a field of cultural contents industry (video, art, performance, festival event, exhibition, theme park, game, character) of their interest and perform practical activities to plan, create and develop cultural contents.
Courses	<ul style="list-style-type: none"> • Major Electives : Study of Storytelling, Analysis of Visual Contents, Analysis of Cultural Contents in Korean Culture, Festival and Event Industry, Practice of Game Interactive Planning, Study of City and Cultural Contents, Practice of Museum Contents Planning, Practice of Theme Park Contents Planning, Internship of Planning and Producing • Core Requirements : Introduction to the Elements of Culture, Creative Imagination in Contents Design, Study on Artistic Contents, Basics of Visual Contents, Study on Interactive Contents
Career Paths	<ul style="list-style-type: none"> • Companies in all cultural industry-related fields • Government agencies and research centers to promote cultural contents • Professionals in cultural content planning (creator, producer, director, concept designer), creation (scenario writer, game scripter), marketing (PR marketing expert, art creator), and management (cultural content promotion agency)
Recommended Prior Learning	<ul style="list-style-type: none"> • Reading Classics : Building sensitivity by reading classics that depict or contain stories of cultural heritage • Travel : Meet people of diverse backgrounds from around the world, and experience universal and exceptional cultural heritage (tangible/intangible, historic sites, nature) • Content Analysis : Analyze content creations and write a journal having the purpose of planning, concept, storytelling, characteristics and overall assessment of the creation
Desirable Talents	<ul style="list-style-type: none"> • Students with “perseverance” who train and build their creativity every day, as if it were their daily exercise routine • Students with an “open mind” about people of different backgrounds, and various incidents without prejudice • Students who “dream” every day, and consequently turn their interesting and whimsical ideas into content products • Students with an enterprising spirit who believe world peace can be achieved through cultural contents

College of Sciences



Mathematics



No. of International Students : 0



Office Tel.: +82-2-450-3849



Office Location : #121, Science Bldg. (23)

Category	Description
About the Major	Department of Mathematics aim to help students develop mathematical way of thinking and creativity, and apply learnings to solve issues in the contemporary society mathematically. By offering courses on algebra, analytics, geometry, applied mathematics, topology, and etc., the department cultivates talents who are suitable for the present society that is growing more complicated each day as a result of the conversion of various fields.
Courses	<ul style="list-style-type: none"> • Major Electives : Set Theory and Discrete Mathematics, Linear Algebra, Algebraic Topology, Introduction to Analysis, Differential Geometry, Advanced Studies in Mathematics, Functions of Several Variables • Core Requirements : Mathematics & Exercise, Physics and Experiments, Chemistry and Experiments, Life Science and Practice
Career Paths	Finance, economy, medicine, and education-related public organizations/private enterprises/ research centers
Recommended Prior Learning	Basic differential and integral calculus, English
Desirable Talents	Students who wish to study social phenomena based on their interest in mathematics, natural science, and engineering

Physics



No. of International Students : 0



Office Tel.: +82-2-450-3401



Office Location : #121, Science Bldg. (23)

Category	Description
About the Major	Department of Physics aims at fostering talents who understand natural phenomena through principles and laws of physics, and capable of applying their knowledge and understanding to various industrial fields. While studying the contribution of classical and modern physics to advanced technological industries – nano, ICT, and bioengineering – students perform experiments and practical studies at a clean room equipped with state-of-the-art semiconductor processing facilities.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Classical Mechanics, Introduction to Electromagnetism, Quantum Physics, Thermal and Statistical Physics • Major Electives : Modern Physics Lab, Electronics Lab, Experiments on Quantum Device Control, Experiments on Advanced Physics, Introduction to Nano Science, Relativity Theory and Cosmology • Core Requirements : Physics and Experiments, Mathematics and Practice, Computer Programming and Practice
Career Paths	Public organizations/private enterprises/research centers in the fields of advanced technologies, such as nano, ICT, and bioengineering
Recommended Prior Learning	Recommended Prior Learning
Desirable Talents	<ul style="list-style-type: none"> • Students with logical thinking and intellectual curiosity about physics • Hardworking and honest students

Chemistry



No. of International Students : 0



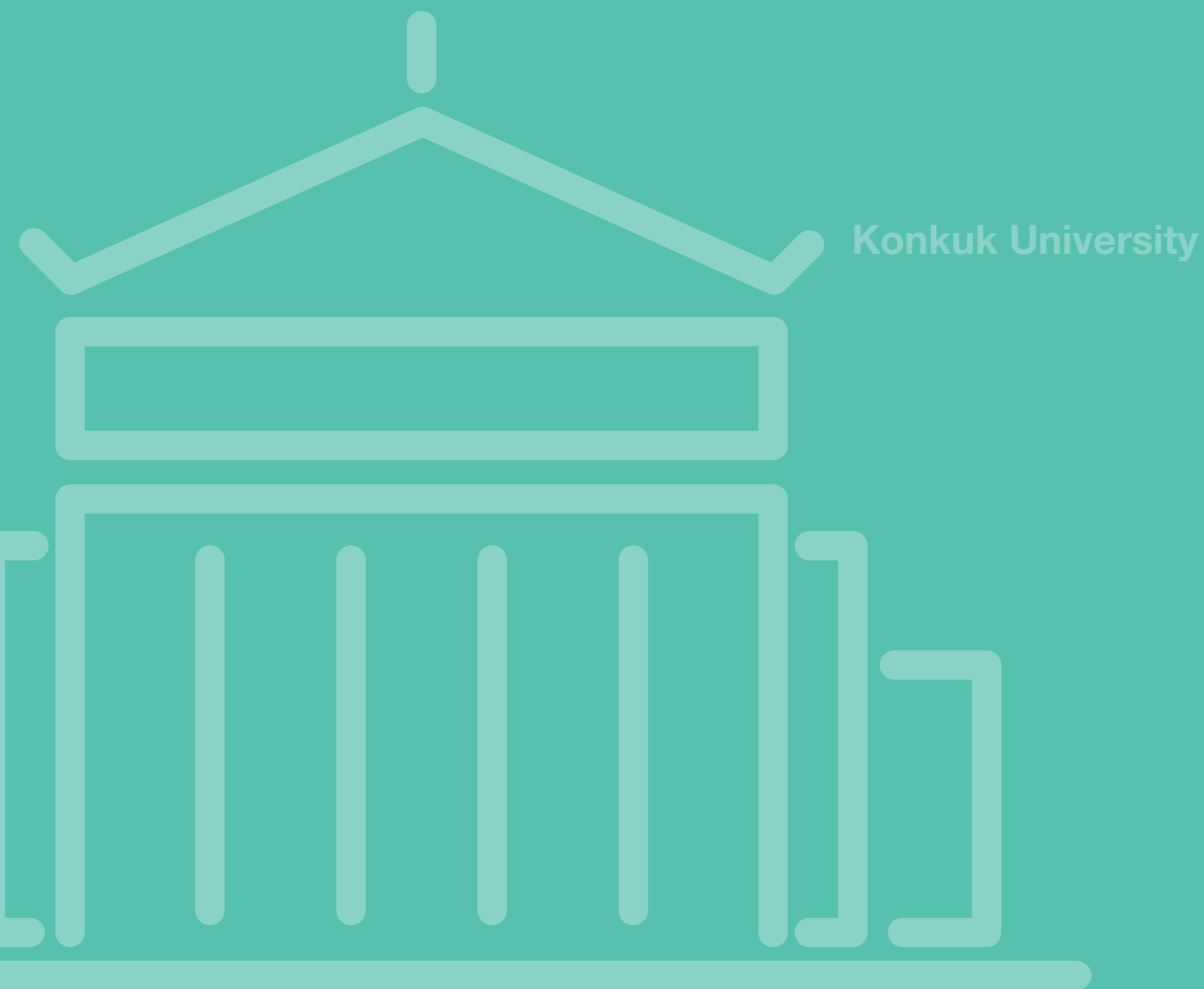
Office Tel.: +82-2-450-3413



Office Location : #121, Science Bldg. (23)

Category	Description
About the Major	<p>Department of Chemistry aims at helping students to understand basic substances that constitute the world we live in, and develop new substances that are beneficial to humans through research. The department offers in-depth education to foster professional talents who will enter the advanced industrial fields, such as medical, pharmaceutical, semiconductor electronic materials, new nano materials, and energy.</p>
Courses	<ul style="list-style-type: none">• Major Core Requirements : Physical Chemistry, Analytical Chemistry 1, Organic Chemistry 1, Inorganic Chemistry, Biochemistry• Major Electives : Organic Chemistry Lab, Instrumental Analysis, Topics in Physical Chemistry, Polymer Chemistry, Advanced Biochemistry, Advanced Inorganic Chemistry• Core Requirements : Chemistry Principles and Experiments, Analytical Chemistry, Organic Chemistry
Career Paths	<ul style="list-style-type: none">• Public organizations/private enterprises/research centers in electronic, semiconductor, new materials, and petrochemical fields• Medical and pharmaceutical public organizations/private enterprises/research centers
Recommended Prior Learning	
Desirable Talents	<ul style="list-style-type: none">• Students who are inquisitive about natural phenomena• Students who have the willpower and creativity to create a better world to live in

College of Architecture



Konkuk University

Architecture



No. of International Students : 27



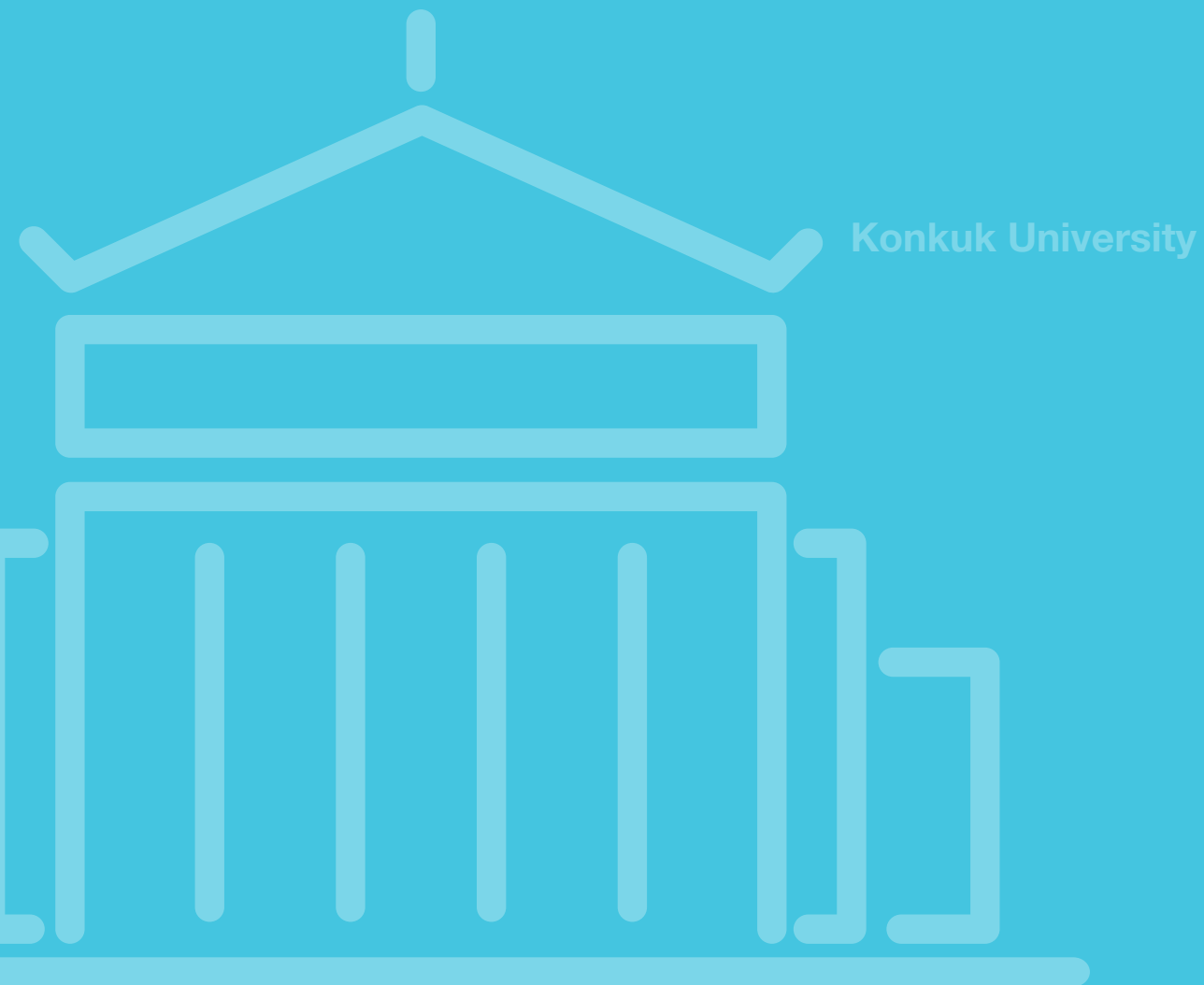
Office Tel.: +82-2-450-3446



Office Location : #201, Architecture Bldg. A (17)

Category	Description
About the Major	Department of Architecture aims at creating spaces that improve the quality of life through studies of cities, buildings, and residential environment. The department allows students to freely select detailed fields of major, such as architectural design, architectural engineering, and residential environment according to their areas of interest to foster creative and high-quality talents.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Architectural Design • Major Electives : Architecture and Form, Architectural Design, Urban Design, Residential Planning, City and Residence, History of Western/Oriental Architecture, History of Modern Architecture • Core Requirements : Physics and Experiments, Mathematics and Practice, Computer Programming, Basic Statistics
Career Paths	Architecture, design, construction, and interior design-related public organizations/private enterprises/research centers
Recommended Prior Learning	Basic learning of Korean language, mathematics, English, natural science, and social science subjects in secondary school level
Desirable Talents	Hardworking students who are active and highly interested in social issues

College of Engineering



Civil & Environmental System Engineering*



No. of International Students : 17



Office Tel.: +82-2-450-3457, 3746, 3542



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	<p>Department of Civil & Environmental System Engineering educates students with methods to plan, design, construct, operate, and manage infrastructure for water resource and environmental preservation and restoration as well as transport, drinking water, energy system, port, airport, road, bridge, and disaster response systems. In general, students select a single specialized field when finding employment.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Introduction to Smart City, Mechanics of Deformable Solids, Fluid Mechanics, Introduction to Environmental Engineering, Construction Materials, Basic Surveying Engineering, Hydraulics, Soil Mechanics, Air Pollution Control Engineering, Tunnel and Underground Space, Waste Control Engineering, Bridge Design, Coastal Engineering, Sewage and Wastewater Control Engineering, Concrete Structure Design, Water Resources System Engineering, Transport Infrastructure Engineering • Core Requirements : Advanced Engineering Mathematics, Physics and Experiments, General Chemistry and Lab, Probability and Statistics, Numerical Analysis, Earth and Environmental Science
Career Paths	<ul style="list-style-type: none"> • Construction, environment, and plant-related private enterprises (construction and engineering company) • Government organizations (facility construction, environmental management), government-invested institutions, and public corporations • Environmental and construction-related research centers, educational institutions, and other professional occupations
Recommended Prior Learning	<p>Basic learning in mathematics, physics, chemistry, biology, earth science, and English</p>
Desirable Talents	<ul style="list-style-type: none"> • Students with strong will to improve social environment by using knowledge in basic science • Students with creative ideas, active mindset, and enterprising spirit

* Engineering-certified department

Mechanical Engineering*



No. of International Students : 13



Office Tel.: +82-2-450-3466

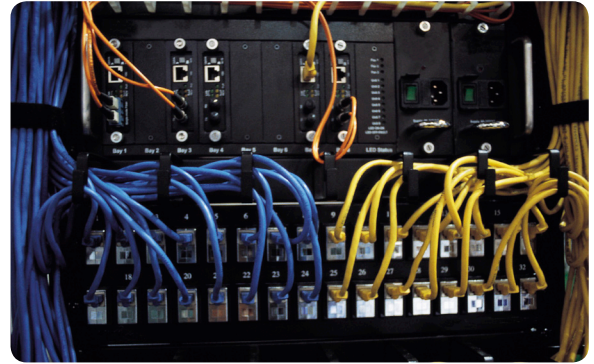


Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	Department of Mechanical Engineering aims at fostering engineers who make innovative values through creative application of their specialized knowledge. It offers courses on design, materials, thermal fluid, energy, dynamics, control and production technologies necessary in planning, design, manufacturing, and operation of various mechanical systems.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Statics, Thermodynamics, Mechanics of Materials, Fluid Dynamics, Dynamics • Major Electives : Creative Design, Machine Design, Design of Thermal System, Mechatronics Design, CAD, Manufacturing Process, Mechanical Materials, Energy Conversion Engineering, Automotive/Robot Engineering • Core Requirements : Physics/Chemistry and Lab, Mathematics and Practice, Chemistry and Practice
Career Paths	<ul style="list-style-type: none"> • Automobile, construction plant, railway, robot, new materials, and nano-related public organizations/private enterprises/research centers • Medical machinery and eco-friendly energy industry-related public organizations/private enterprises/research centers
Recommended Prior Learning	Differential and integral calculus, general physics
Desirable Talents	<ul style="list-style-type: none"> • Students with basic abilities in physics and mathematics • Students who wish to become mechanical engineers with creativity and spirit to take on new challenges

* Engineering-certified department

*Electronic & Electrical Engineering



No. of International Students : 14



Office Tel.: +82-2-450-3488



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	<p>Department of Electronic & Electrical Engineering cultivates talents who are capable of actively accommodates the rapid changes of technologies by providing them with various courses on electronic engineering, such as electronic circuits, communication, computer, electromagnetic field, semiconductor, power electronics, energy, and control. Through experiments and practices, it aims at developing competent engineers who can play leading roles in research centers and industrial fields.</p>
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Electronic & Electrical Basic Experiments, Electronic & Electrical Basic Design, and Practical exercises • Major Electives : Logical Circuits, Electromagnetism, Electronic Circuits, Data/Digital Communication, Semiconductor Engineering, Embedded System, Image/Communication Signal Processing, Robot Engineering, Electrical Vehicle • Core Requirements : Physics/General Chemistry and Experiments, Advanced Engineering Mathematics/Mathematics and Practice, Probability and Statistics, Computer Programming, CMS Career Search
Career Paths	<ul style="list-style-type: none"> • Electronic and electrical industry-related public organizations/private enterprises/research centers • Engineer other professional occupations
Recommended Prior Learning	<ul style="list-style-type: none"> • English, mathematics (differential and integral calculus, lineal algebra, probability and statistics, advanced engineering mathematics), general physics • Computer programming
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in basic science, such as mathematics and physics • Students with logical thinking, intellectual curiosity, perseverance, devotion, and honesty

* Engineering-certified department

Chemical Engineering



No. of International Students : 7



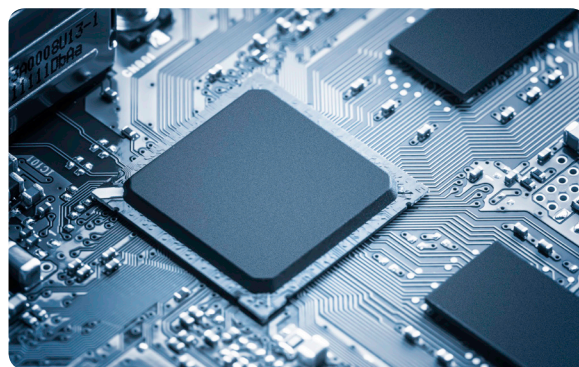
Office Tel.: +82-2-450-3497



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	<p>Department of Chemical Engineering provides education on applying and industrializing basic scientific knowledge – chemistry, physics, and biology – for the convenience of human beings. The department educates students of methods to design and apply processes and materials that benefit respective purposes through physical and chemical control and prediction for chemical reactions. These methods are used in various fields – energy, environment, bio, medical, electrical/electronic, information and communications, sports/outdoor activities, civil/construction engineering, military/defense industry, and aerospace industry. By offering courses developed on the basis of basic science and engineering, it fosters global talents to lead future societies who are equipped with engineering knowledge and creative thinking.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : 59 subjects including Organic Chemistry, Physical Chemistry, Material Engineering, Stoichiometry for Chemical Engineering, Inorganic Chemistry, Chemical Engineering Thermodynamics, Polymer Chemistry, Nano Science, Semiconductor Process Engineering, Analytical Chemistry, Process Control, Environmental Chemical Engineering, Biological Chemical Engineering, Energy Materials, Eco-friendly Materials, Electronic Materials and Devices, Petrochemical Engineering, Transport Phenomena, Carbon Material Engineering and Bio Materials ◆ Core Requirements : Physics/Chemistry and Experiments, Advanced Engineering Mathematics/ Mathematics and Practice
Career Paths	<ul style="list-style-type: none"> • National/public research centers, private enterprises/research centers, and government/public organizations in chemical, materials, energy, electrical/electronic, automobile, and fiber-related fields • Continuous scientific research and study by entering domestic/international graduate schools or through appointment as professor
Recommended Prior Learning	<p>English, mathematics (differential and integral calculus, algebra, probability and statistics), general chemistry, general physics, biology</p>
Desirable Talents	<p>Creative convergence-type students who have passion and enthusiasm</p>

Software*



No. of International Students : 14



Office Tel.: +82-2-450-4071



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	<p>Department of Software aims to develop experts who can create new values by applying computer to various industrial fields – media service, mobile application, big data and IoT – based on their abundant knowledge in using computers. The department helps students learn advanced science and technology by taking software-based theoretical classes and supports them for active participation in international research activities, such as field practices, industry – university cooperative projects and internship programs, in the future.</p>
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Data Structure, Software Seminar, General Design • Major Electives : Java/C++/Windows/Network/Web Programming, Computer Graphics, Embedded Computing, Algorithm Practice, Web Service, Virtual Reality, Multimedia Content Design • Core Requirements : Physics/General Chemistry and Experiments, Mathematics and Practice, Lineal Algebra, Probability and Statistics, Computing/Engineering Mathematics
Career Paths	<ul style="list-style-type: none"> • Private enterprises and research centers in the fields of mobile application, big data processing, IoT, and robot • Professional engineer
Recommended Prior Learning	<p>Prior knowledge on vector, matrix and statistics</p>
Desirable Talents	<p>Students with basic abilities and creativity to lead the advanced information era</p>

* Engineering-certified department

Computer Science and Engineering



No. of International Students : 10



Office Tel.: +82-2-450-3534



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	<p>Department of Computer Science and Engineering aims at cultivating talents who are capable of performing all computer-related fields. The department provides students with opportunities to build practical system application-related engineering experiences in order to help them develop expertise and creative mind to benefit the rapidly changing information society.</p>
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Data Structure, System Programming, Computer Architecture 1 • Major Electives : Java/C++/Windows/Network/Web Programming, Computer Graphics, Embedded Computing, Algorithm, Software Modeling and Analysis, Software Design Methodology, Web Technology and Application • Core Requirements : Physics/General Chemistry and Experiments, Advanced Engineering Mathematics/Mathematics and Practice, Lineal Algebra and Practice, Probability and Statistics, JAVA/C Programming
Career Paths	<p>Application software, system software, embedded system development, and operation-related professional occupations or research centers</p>
Recommended Prior Learning	<p>C programming, JAVA programming, Korean language skills to work on team projects</p>
Desirable Talents	<ul style="list-style-type: none"> • Students who wish to learn advanced computer engineering technologies and broaden experiences using analytical and design tools • Students who wish to build experiences of performing in various team projects and practical abilities

Aerospace Information Engineering*



No. of International Students : 10



Office Tel.: +82-2-450-3547



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	Department of Aerospace Information Engineering fosters creative talents who will lead aerospace and related fields by studying design, manufacturing, operation and development of flight vehicles, such as aircraft, missiles, and satellites. The department provides a range of theoretical and practical training programs under the educational goal to help students develop basic qualities required for engineers, and establish a foundation of studies; cultivate students' aerospace-related theories and design application abilities, and foster their future-oriented ST and IT convergence and system design skills.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Fluid Mechanics, Mechanics of Materials, Experiment for Electronic Instrumentation and Measurement, Aerodynamic Experiment, Thermal Engineering Experiment, Laboratory of Guidance and Control, Fundamental of Engineering Design • Major Electives : Aerospace Engineering Design Project, Capstone Design of Aerospace Engineering, Control of Aerospace System, Satellite System, Aerospace IT Engineering, Introduction to Aerospace/Electrical/Electronic Engineering • Core Requirements : Physics/General Chemistry and Experiments, Advanced Engineering Mathematics/Mathematics and Practice
Career Paths	Public organizations/private enterprises/research centers in aerospace, aircraft system and automobile-related fields
Recommended Prior Learning	Differential and integral calculus, introductory reading on aerospace engineering
Desirable Talents	Students with high level of interest in aerospace engineering and passion for mathematical, scientific, and technological fields

* Engineering-certified department

Biological Engineering



No. of International Students : 1



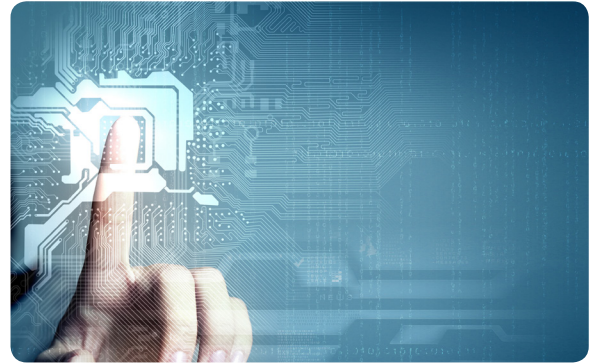
Office Tel.: +82-2-450-3517



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	Department of Biological Engineering teaches students how to apply their knowledge on organisms and bioengineering technologies to be beneficial for human life. It fosters high-quality human resources who will perform in advanced bioengineering-related research fields.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Industrial Microbiology 1 & Lab, Industrial Biochemistry 1 and Lab, Cell Culture Engineering and Experiments, Microbial Metabolic Engineering • Major Electives : Bio-process Engineering and Design, Bio-plant GMP Design and Maintenance, Bio-food Engineering Design, Engineering of Food Sterilization, Instrumental Analysis and Experiment, Genetic Engineering and Experiment • Core Requirements : Physics/General Chemistry and Experiments, Mathematics and Practice
Career Paths	Pharmaceutical, food, bio-chemistry, and medical-related public organizations/private enterprises/research centers
Recommended Prior Learning	Chemistry, mathematics, physics, differential and integral calculus, English, organic chemistry
Desirable Talents	<ul style="list-style-type: none"> • Students with extensive knowledge and interest in basic science, such as mathematics, chemistry, and biology • Students well aware of the academic and industrial influence of bioengineering

Industrial Engineering



No. of International Students : 2



Office Tel.: +82-2-450-3525

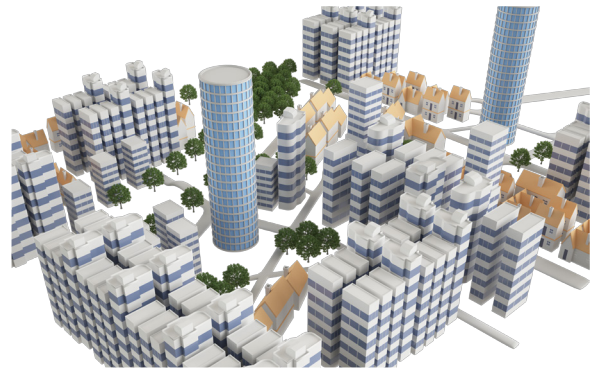


Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	Department of Industrial Engineering provides education on entire areas of corporate activities, such as planning, design, development, production, distribution, and operation. It cultivates talents who are equipped with engineering knowledge, management competencies, thinking power, and communication skills necessary in ensuring industrial system efficiency and productivity.
Courses	<ul style="list-style-type: none"> • Major Electives : O.R. 1, Engineering Economy and Operation Management, Quality Management, Capstone Design for Industrial Engineering, Introduction to Engineering Design, System Analysis and Design, Seminar in Industrial Engineering, Seminar in Human Science, Introduction to Industrial Management and Engineering, Manufacturing System Engineering • Core Requirements : Physics/Chemistry and Lab, Mathematics and Practice, Chemistry and Experiments, Probability and Statistics
Career Paths	Private enterprises and research centers in financial and industrial fields
Recommended Prior Learning	Basic reading in mathematics, statistics, programming language, and economy/business management
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in mathematics and computer and dedicate efforts to achieving a goal • Students who value mutually cooperative relationships in an organization

* Engineering-certified department

Technical Integrated Engineering



No. of International Students : 0



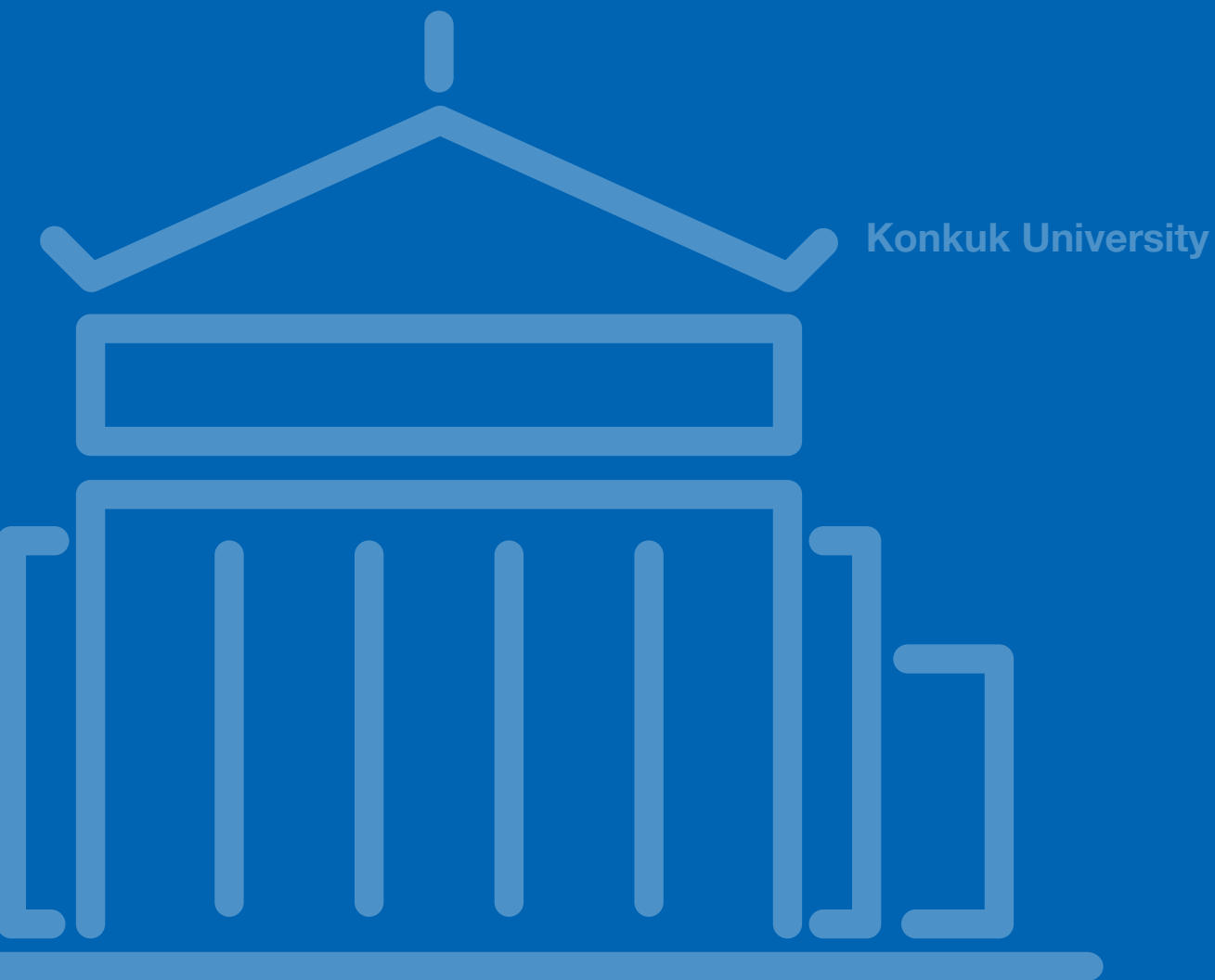
Office Tel.: +82-2-2049-6031



Office Location : #1105, Engineering Building A (21)

Category	Description
About the Major	Department of Technical Integrated Engineering fosters experts who will create a sustainable society by resolving environmental issues caused by industrial development and increased energy consumption. It develops convergence-type future talents by improving students' practical abilities in technical integrated projects through theoretical learning and practices related to mechanical engineering and environmental information system fields and concurrently providing them with extensive general educational courses.
Courses	<ul style="list-style-type: none"> • Major Electives : Introduction to Technical Convergence, Technical Convergence Trend Analysis, Spatial Information, Energy and Climate Change, Air Environment and Modeling, Intelligent Structure System Design and Experiment, Human and Robot, Convergence Engineering Application • Core Requirements : Physics/Chemistry and Experiments, Advanced Engineering Mathematics/Mathematics and Practice, Computer Programming
Career Paths	National defense, industry, precision machinery, land, environment, and aerospace-related public organizations/private enterprises/research centers
Recommended Prior Learning	Basic English, mathematics (differential and integral calculus), physics, chemistry
Desirable Talents	<ul style="list-style-type: none"> • Students who can achieve sustainable development based on scientific creativity and humanistic communication abilities • Students equipped with both theoretical knowledge and practical abilities, and can flexibly respond to complex issues

College of Political Science



Political Science



No. of International Students : 4



Office Tel.: +82-2-450-3554



Office Location : #214, Sanghuh Hall

Category

Description

About the Major

Department of Political Science is the very first of its kind established within Korean universities. It provides comprehensive education on government power structure and system, as well as international organizations and political parties. The department fosters human resources that have specialized knowledge in laws and systems, such as the Constitution and administrative laws, along with in-depth understanding of the government, politics, and international relations

Courses

- **Major Electives** : Korean Politics, International Politics, Comparative Politics, International Law, Chinese/Japanese Politics and Diplomacy, History of Eastern Political Thoughts, U.S. Politics
- **Core Requirements** : Introduction to Political Science, Introduction to Law, Principles of Economics 1, Principles of Economics 2

Career Paths

Legal, diplomatic, and press-related public organizations/private enterprises/international organizations/research centers

Recommended Prior Learning

- Study impacts caused by the government and politics on the rise and fall of the country
- Historical knowledge and English

Desirable Talents

- Students with in-depth understanding of politics and government power
- Students who wish to systematically study laws and systems, such as the Constitution, administrative laws, and international laws

Economics



No. of International Students : 53



Office Tel.: +82-2-450-3615



Office Location : #214, Sanghuh Hall (3)

Category	Description
About the Major	Department of Economics provides theoretical, application, and general educational courses in order to help students learn methods to efficiently distribute and economically select resources. The goal is to foster talents who have the quality and economic mind as economists to excel in the information and knowledge society.
Courses	<ul style="list-style-type: none">• Major Electives : Microeconomics, Macroeconomics, Welfare Economics, Monetary Economics, International Trade Theory, International Financial Markets, Public Finance, Theory of Capital Markets• Core Requirements : Principles of Economics 1, Principles of Economics 2
Career Paths	Financial and press-related public organizations/private enterprises/research centers
Recommended Prior Learning	<ul style="list-style-type: none">• High school-level mathematical skills• Basic computer skills• General understanding of market economy system
Desirable Talents	Students capable of proposing directions and leading global economic market based on rational thinking

Public Administration



No. of International Students : 16



Office Tel.: +82-2-450-3567



Office Location : #214, Sanghuh Hall (3)

Category	Description
전공소개	<p>Department of Public Administration aims at teaching students how to comprehensively design the direction for balanced development of the country and between social sectors. The department provides education on theories and methods to ensure efficiency of state management, such as HR management and organization to financial management and policy establishment/execution/assessment in the public sector. Department of Public Administration fosters future state managers who will lead administration in the public sector.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Organization Behavior, Public Enterprise: Theory and Practice, Social Problems and Public Administration, Leadership in Modern Society, Government and the Economy, Public Human Resource Management, Administrative Organization & Management, Theories of Public Policy, Financial Administration • Core Requirements : Introduction to Public Administration, Introduction to Politics, Principles of Economics 1, Principles of Trade, Contemporary China, Basic Statistics, CMS Career Search, Introduction to Law, Principles of Economics 2
Career Paths	<ul style="list-style-type: none"> • Central/local governments, national assembly, press, and politics/policy-related public organizations • Private enterprises, research centers, educational institutions, international organizations, non-profit organizations
Recommended Prior Learning	<ul style="list-style-type: none"> • Read English, social science, and humanities classics • Latest books in the field of social science
Desirable Talents	<ul style="list-style-type: none"> • Students interested in the government and national policies • Students who wish to solve public issues with a sense of mission and recognition of the importance of realizing public interests

International Trade



No. of International Students : 98



Office Tel.: +82-2-450-3644



Office Location : #214, Sanghuh Hall (3)

Category	Description
About the Major	Department of International Trade is largely divided into 1) international economy sector, which focuses on international finance and trade based on theories of economics and business administration, 2) international management sector to learn about multinational corporations and international marketing, 3) international trade sector, which deals with trade business affairs, and 4) international logistics, and electronic trade sector to learn about e-Trade and e-Marketing.
Courses	<ul style="list-style-type: none"> • Major Electives : Korea Trade Law, Marine and Export Insurance, International Management, International Corporate Finance, International Marketing, Foreign Exchange, International Trade Theory, International Commercial Relations, Business Chinese/Japanese • Core Requirements : Principles of Trade, Principles of Economics 1, Basic Statistics
Career Paths	<ul style="list-style-type: none"> • Public organizations and private enterprises in international trade, business, finance, and e-Trade fields • Other professional occupations
Recommended Prior Learning	<ul style="list-style-type: none"> • Recommended Reading <ul style="list-style-type: none"> - New Ideas from Dead Economists by Todd Buchholz - Every True History is Financial History by Chen Yulu and Yang Dong - Trade Wars by Han Qin etc. (CCTV Team) - Cross-cultural Trade in World History by Philip D. Curtin - The World is Flat by Thomas Friedman - Firms of Endearment by Rejendra Sisodia - Post-capitalist Society by Peter Drucker
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in trade, economic exchange activity between countries • Students with progressive and enterprising spirit who wish to perform in the global trade market

Applied Statistics



No. of International Students : 4



Office Tel.: +82-2-450-3654



Office Location : #214, Sanghuh Hall (3)

Category	Description
About the Major	Department of Applied Statistics aims at fostering talents who are capable of rational decision-making through efficient collection and scientific analysis of data. Students learn how to conduct social surveys by applying basic statistics and information collection through experiments; thus summarize, evaluate, and process the collected information and also learn how to apply the information to economic, financial, and insurance-related fields.
Courses	<ul style="list-style-type: none"> • Major Electives : Mathematical Statistics 1, 2, Computer Analysis of Statistical Data, Statistics Data Analysis, Multivariate Data Analysis, Regression Analysis, Financial Statistics • Core Requirements : Principles of Economics, Principles of Trade, Basic Statistics
Career Paths	Financial, statistics, accounting, and insurance-related public organizations/private enterprises/research centers
Recommended Prior Learning	Differential and integral calculus, lineal algebra, probability and statistics, English, computer programming
Desirable Talents	<ul style="list-style-type: none"> • Students who wish to create future values through logical data analysis • Students interested in various phenomena that occurs in society

Global Business



No. of International Students : 96



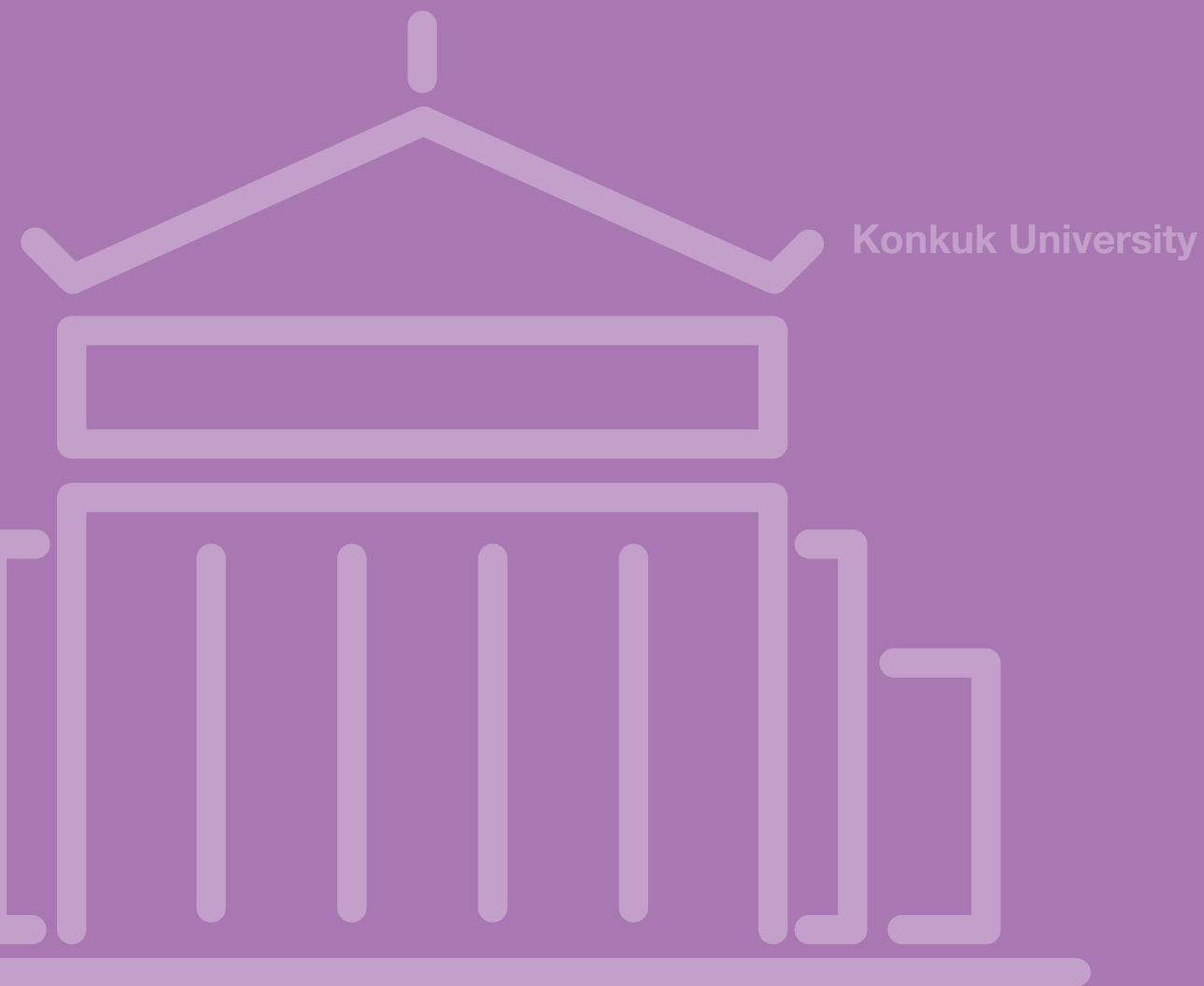
Office Tel.: +82-2-450-4156



Office Location : #214, Sanghuh Hall (3)

Category	Description
About the Major	Department of Global Business aims at fostering Korea – China trade experts equipped with competitiveness. It provides theoretical education and field practice programs related to international trade, such as study of Chinese region, Chinese economy, international business, and international economy/finance/new industry.
Courses	<ul style="list-style-type: none"> • Major Electives : Understanding Global market, Theories on Chinese Culture, Current Affairs and Marketing in China, Understanding Economic Relations between Korea and China, Global Consumer Information Theory, International Trade Law, Consumer Trend Analysis • Core Requirements : Contemporary China, Principles of Economics 1, 2, Principles of Trade, Introduction to Law, Introduction to Public Administration, Introduction to Politics, Basic Statistics
Career Paths	<ul style="list-style-type: none"> • Government and Public Organizations : Central and local governments, KOTRA, Korea Agro-Fisheries & Food Trade Corporation, and etc. • International Organizations : IMF, World Bank, WTO • Research Centers : China-related economic research centers • Enterprises : Manufacturing/distribution/trade/marine transport/airline companies, foreign companies • The Press : Newspaper companies, reporter at broadcasting stations • Law School : Chinese law firm, attorney practicing in relation to trade with China • Chinese Cultural Content : China-related content creator
Recommended Prior Learning	<ul style="list-style-type: none"> • Recommended Reading <ul style="list-style-type: none"> – International Trade Business by Son Seungpyo and Lee Eunhwa, etc. – International Trade Policies by Park Huijeong and Kwon Yeongmin – Introduction to Trade by Hwang Homan
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in international business and English/Chinese-speaking world • Students who wish to become global talents

College of Business Administration



Business Administration



No. of International Students : 276



Office Tel.: +82-2-450-3628, 3629



Office Location : #210, Business Administration Bldg.

Category	Description
About the Major	Department of Business Administration focuses on practical study for a business to secure competitive edge and survive in the management environment of uncertainties through omni-directional research and education on corporate activities (financial affairs, accounting, production, HR management, organization, strategies, and management information).
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Marketing, Micro-organization Theory, Intermediate Accounting 1, Production & Operations Management, Financial Management, Management Information System, Strategic Management • Major Electives : Intermediate Accounting 2, Consumer Behavior, Marketing Research, Distribution Channel Strategy, Human Resources Development, Tax Accounting, Cost Accounting, Managerial Accounting, Advanced Accounting, Accounting Auditing, Principles of Investment, Options & Futures, Production & Operations Strategy • Core Requirements : Global Business Environment and Management, Managerial Mathematics and Application, Principles of Business Administration, Principles of Economics, Principles of Accounting, Business Statistics, Business English
Career Paths	<ul style="list-style-type: none"> • Private enterprises • Public organizations • Corporate research centers • Other professional occupations
Recommended Prior Learning	<ul style="list-style-type: none"> • Basic understanding on corporate and economic activities • Understanding of humanity (psychology) • Logical thinking
Desirable Talents	<ul style="list-style-type: none"> • Students who wish to become leaders displaying communication competencies based on global thinking and foreign language skills • Students with leadership to take an initiative in resolving issues in an organization

Management of Technology



No. of International Students : 7



Office Tel.: +82-2-450-3671



Office Location : #210, Business Administration Bldg.

Category	Description
About the Major	<p>Department of Management of Technology provides education on management of technology, which surfaced as a new business model. Students learn about principles and techniques necessary to effectively promote new technology innovation activities. The department provides global-standard education through a close cooperative system with leading universities abroad as well as the top-level teaching faculty in Korea. Students develop abilities to apply methods to analyze technological innovation management issues to industrial sites.</p>
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Management of Technology, Entrepreneurship and Venture Technology Management, Strategic Management, Marketing, Financial Management, Intermediate Accounting, Micro-organization Theory, Business Ethics • Major Electives : Technology Trend Analysis and Prediction, New Product Design Management, Technology Commercialization Strategy, Management of Technology Standard, Practicum in Startup Process and 3D Printing, Seminar on Technology and Innovation Management • Core Requirements : Technology & Management, CMS Career Search, Principles of Business Administration, Principles of Economics, Principles of Accounting, Business Statistics, Business English
Career Paths	<p>Public organizations/private enterprises/research centers in technology planning/policy, R&D management and strategy management fields</p>
Recommended Prior Learning	<ul style="list-style-type: none"> • Recommended Reading <ul style="list-style-type: none"> – The Fourth Industrial Revolution by Klaus Schwab – Deep Thinking by Garry Kasparov – We Have the Technology by Kara Platoni – Platform Revolution by Marshall Van Alstyne, Sangeet Paul Choudary and Geoffrey Parker
Desirable Talents	<ul style="list-style-type: none"> • Students interested in new technologies, new markets, new businesses, and high-tech markets • Students who are innovative and creative, and willing to take on new challenges

Real Estate Studies



No. of International Students : 10



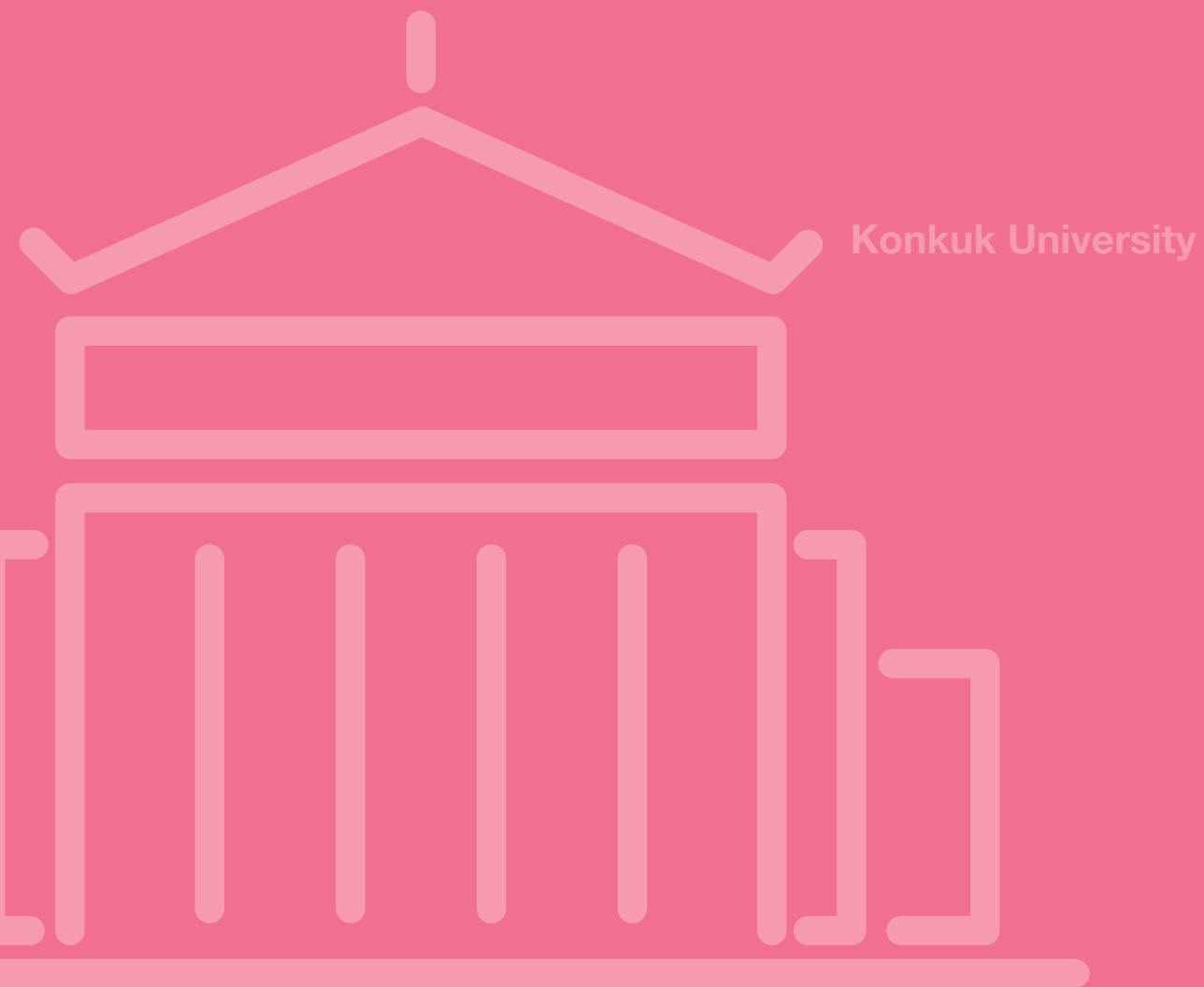
Office Tel.: +82-2-450-3582



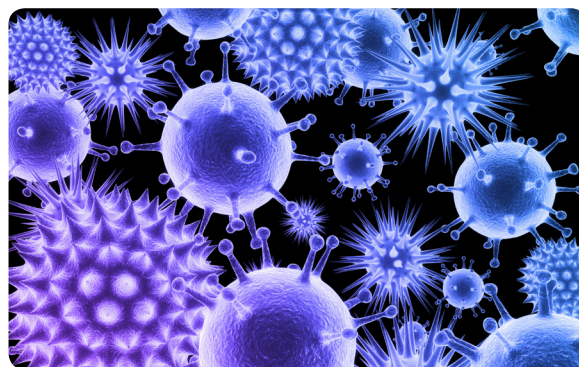
Office Location : #306, Haebong Hall (18)

Category	Description
About the Major	<p>Department of Real Estate Studies provides comprehensive education on specialized fields of real estate industry, such as economy, policy, management, business administration, finance, investment, construction, and development, along with related legal knowledge. The major of real estate studies is divided into four sub-majors, which are real estate financial investment, real estate business management, real estate construction and development, and real estate policies. Students will take the necessary courses according to their sub-majors. Department of Real Estate Studies, the first of its kind established as a degree course in Korea, produces top-level real estate experts. Curriculum is recognized by the Royal Institution of Chartered Surveyors (RICS) in the U.K.; thus students who have obtained the required credits are exempted from the written test for five qualification exams held by RICS.</p>
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Ethics in Real Estate Industry, Commercial Real Estate, Real Estate Development • Major Electives : Appraisal Theories, Real Estate Markets, Quantitative Analysis in Real Estate, Real Estate Marketing, The Laws of Realty, Real Estate Economy, Located Selection, Real Estate Asset Management, Construction Management • Core Requirements : Introduction to Real Estate, Introduction to Real Estate Law, Principles of Real Estate Science, Introduction to Real Estate Civil Law
Career Paths	<ul style="list-style-type: none"> • Financial institutions, such as real estate asset management, asset management, trust, and banking • Real estate construction/development/project execution companies • Real estate agency/consulting/appraisal service providers • Public organizations in the fields of urban environmental development, urban regeneration, and residential welfare
Recommended Prior Learning	<ul style="list-style-type: none"> • Korean geography, world geography, English, probability and statistics, law and politics, economy
Desirable Talents	<ul style="list-style-type: none"> • Students interested in various real estate-related fields, such as finance, economy, and law • Students with leadership, and value the importance of communication

Sanghuh College of Life Sciences



Biological Sciences



No. of International Students : 2



Office Tel.: +82-2-450-3422



Office Location : #202, Animal Science Building (12)

Category	Description
About the Major	<p>Department of Biological Sciences provides comprehensive education on life science, such as plants, animals, and microorganisms. Students will go to study life-related phenomena and functions, and learn new methods and technologies for application to medical, environmental, new drug development, and bio-resource development fields. With a number of independent student bodies operating within the campus (students' societies for insects/plants/microorganisms), students can autonomously perform academic activities, such as collecting insects/plants, etc., organize photo exhibitions, and hold seminars.</p>
Courses	<ul style="list-style-type: none">• Major Electives : General Microbiology and Lab, Animal Physiology and Lab, Plant Biochemistry and Lab, Proteomics and Experiment, Bacteriology and Lab• Core Requirements : Molecular Biology, Cell Biology, Principles of Biological Science 1, 2, Principles of Biological Science Lab 1, 2
Career Paths	<ul style="list-style-type: none">• Manufacturing and service industries in genetic, medical, agricultural, and environmental fields• Public organizations/private enterprises/research centers in various application fields
Recommended Prior Learning	
Desirable Talents	Students who wish to display logical thinking, analytical and creative power

Animal Science and Technology



No. of International Students : 4



Office Tel.: +82-2-450-3663



Office Location : #202, Animal Science Building (12)

Category	Category
About the Major	Department of Animal Science and Technology provides education on methods to produce resources useful for industrial animals, pet animals, lab animals, and animals of special uses in an efficient and eco-friendly way. The curriculum is largely divided into animal nutrition, animal care, animal physiology, and livestock practice. Students learn the basic theories and study animal nutrition, feeding, and environment.
Courses	<ul style="list-style-type: none"> • Major Electives : Animal Physiology, Animal Nutrition Science, Animal Resource Economics, Animal Environment, Microbiology and Lab, Biochemistry and Lab, Analytical Chemistry and Lab, Molecular Biology and Lab, Animal Reproduction, Animal Behavior, Animal Pathology • Core Requirements : Seminars on Animal Industry, Biology, Introduction to General Chemistry, Practical Training
Career Paths	Animal industry-related public organizations, associations, private enterprises, and research centers
Recommended Prior Learning	<ul style="list-style-type: none"> • Biology, statistics, general chemistry
Desirable Talents	<ul style="list-style-type: none"> • Students who respect the order of nature and animals • Creative and dynamic students who wish to lead animal resources industry

Crop Science



No. of International Students : 1



Office Tel.: +82-2-450-3754



Office Location : #202, Animal Science Building (12)

Category	Description
About the Major	<p>Department of Crop Science fosters talents who will develop agricultural life resources, an important future industry, and thus lead the food industry.</p> <p>While helping students focus on research to industrialize domestic and international food resources (high-quality and stable food production, quality diversification, and functional crop development), the department actively supports students' participation in internship programs to improve their understanding of related industries and study areas.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Physiological Ecology for Rice Plant Cultivation, Crop Improvement and Experiment, Theories of Crop Biotechnology and Lab/Practice, Functional Bioresources, Crop Environment and Chemistry, Food Crops 1, 2, Plant Nutrition • Core Requirements : Plant Science: Utilization and Cultivated Plants, Understanding Crop Bioengineering, Introduction to Food Science, Crop Genetics, Crop Substances and Materials, Basic Agricultural Chemistry and Lab, Principle of Crop Cultivation, Principles of Natural Functional Substances
Career Paths	<ul style="list-style-type: none"> • Government employee (grades 5, 7 and 9), researcher, food industry-related public organizations • Bio-industry, bio-resources, and food-related private enterprises • Professor at university
Recommended Prior Learning	<ul style="list-style-type: none"> • Basic biology and chemistry (general chemistry, biochemistry, organic chemistry) • Crop physiology, crop genetics, crop bioengineering-related subjects
Desirable Talents	<ul style="list-style-type: none"> • Students with high level of interest in discovery, development, and utilization of food resources • Enterprising students who wish to lead future food industry

Food Science and Biotechnology of Animal Resources



No. of International Students : 3



Office Tel.: +82-2-450-3676



Office Location : #202, Animal Science Building (12)

Category	Category
About the Major	<p>Department of Food Science and Biotechnology of Animal Resources created Konkuk Ham and Konkuk Milk brands. It provides education specialized to livestock products, such as meat and dairy products, and food and biotechnology fields at the same time as actively promoting industry – university cooperation programs. It cultivates professional human resources to lead the food industry by providing education on entire areas of food industry ranging from production of food using ingredients obtained from livestock products, to processing, storage, distribution, and packaging.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Food Chemistry and Lab, Food Microbiology and Lab, Food Sanitation and Experiment, Fermentation Engineering, Milk Science, Food and Nutrition • Core Requirements : General Chemistry, Basic Cell Biology, Applied Mathematics, Applied Organic Chemistry, Food and Biosubstance Statistics, Food Science, Physical Chemistry, Food Industry Trip
Career Paths	Livestock industry–related public organizations/private enterprises/research centers
Recommended Prior Learning	Biology, basic mathematics, statistics
Desirable Talents	<ul style="list-style-type: none"> • Students with excellent mathematical abilities and knowledge in natural science • Students who wish to achieve development in livestock and food–related fields, such as livestock and food study, development, production, management, distribution, and food stability

Food Marketing and Technology



No. of International Students : 1



Office Tel.: +82-2-450-3295



Office Location : #606, Animal Science Building (12)

Category	Description
About the Major	Department of Food Marketing and Technology provides education on efficient food distribution with a goal to cultivate convergence-type human resources that will lead the food distribution industry. Students will learn theories on and practical methods of how agricultural food products we eat everyday are transported to our dining table, and also study food safety-related natural science, food distribution-related economy and business administration and applied social science (agricultural economy).
Courses	<ul style="list-style-type: none"> • Major Electives : Agribusiness Management, Food Sanitation, Food Preservation, Food Packaging, Industrial Economics, Market Opening and Agricultural and Food Trade, Agricultural and Food Risk Control, Consumer Economics, Food Marketing, Theories on Agricultural/Fisheries/Livestock Cooperatives • Core Requirements : Introduction to Food Science, Food Biology, Food Chemistry, Basic Biochemistry and Lab, Introduction to Food Industry, Distribution Statistics
Career Paths	Public organizations/private enterprises/research centers in food distribution/development/sanitation and food quality control fields
Recommended Prior Learning	<ul style="list-style-type: none"> • Differential and integral calculus, microeconomics, general biology, chemistry, statistics • Korean language, English conversation skills
Desirable Talents	Students with high level of interest in development and distribution of safe and fresh food products

Environmental Health Science



No. of International Students : 1



Office Tel.: +82-2-450-3755



Office Location : #202, Animal Science Building (12)

Category	Description
About the Major	Department of Environmental Health Science combines the study of environment, life, and health. It focuses on the impact exerted by our surrounding environment, such as water, soil, air, and waste; and diseases on human life, health, and ecosystem. With a goal to ensure safety of humanity and ecosystem, the department cultivates environmental and public health experts by providing students with curriculum developed on the basis of science and technology.
Courses	<ul style="list-style-type: none"> • Major Core Requirements : Indoor Environment, Biochemistry, Limnology and Lab, Toxicology Laboratory, Wastewater Management • Major Electives : Environmental Ecology, Soil Environment, Horticultural Therapy, Public Health Statistics • Core Requirements : Introduction to Public Health, General Biology, Environmental Mathematics, Introduction to Ecology, Interrelation Science of Plant, Human Being and Environment, Introduction to Environmental Pollution, Environmental Chemistry, Public Health Science
Career Paths	Public organizations/private enterprises/research centers/environmental organizations/international organizations in public health/well-being, environmental, industrial safety, and risk control fields
Recommended Prior Learning	Biology, basic mathematics, statistics, general chemistry
Desirable Talents	Students who value the importance of life and wish to learn how to scientifically preserve the environment

Forestry and Landscape Architecture



No. of International Students : 1



Office Tel.: +82-2-450-3755



Office Location : #202, Animal Science Building (12)

Category	Description
About the Major	Department of Forestry and Landscape Architecture aims at improving quality of life by studying healthy forest ecosystem, biodiversity, and climate change response. Students learn about environmental design in various spaces, such as apartment complexes, gardens in residential buildings, local areas, and the national territory. The curriculum is divided into forestry and sustainable development, landscape, and ecological restoration. Students can select courses according to their career choices.
Courses	<ul style="list-style-type: none"> • Major Electives : Oriental/Western Landscape History, Forest Business, Landscape Design Basics and Practice, Landscape Design Studio: Park and Restoration Project, Forest Environmental Planning Field Seminar, Forest and Culture • Core Requirements : Introduction to Landscape Architecture, Contemporary Landscape Theory, Introduction to Forest Environment, Landscape Ecology, Dendroecology
Career Paths	Forestry, landscape, and ecological restoration-related public organizations/private enterprises (construction companies)/research centers
Recommended Prior Learning	Biology, statistics
Desirable Talents	<ul style="list-style-type: none"> • Students interested in various fields, such as natural environment, urban environment, humanities and social science, and art • Students interested and passionate for gardens, parks, ecosystem, sustainable development, and prevention of environmental destruction

Communication Design



No. of International Students : 18



Office Tel.: +82-2-450-3786



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	Department of Communication Design fosters competent interdisciplinary communication designers by providing students with integrated design education for communication, exchange and convergence among humanities, social science, and the related fields. Through theoretical and practical learning on integrated communication design using a range of media, students achieve comprehensive understanding of humanities, cultural and technological fields and develop creative thinking ability.
Courses	<ul style="list-style-type: none"> • Major Electives : Graphic Design, Media Design, Advertising Design, Typography, 3D Graphics, Illustration, Design Business, Design Marketing • Core Requirements : Basic Design, Design Theory, Digital Modeling, Colors and Design, Storytelling, Letter Design, Modeling and Thinking
Career Paths	<ul style="list-style-type: none"> • Public organizations/private enterprises in graphic, advertising, image/media and publishing/planning fields • Public organizations/private enterprises in design fields, such as character/animation design, book design, and web design • Professional designers, such as illustrator
Recommended Prior Learning	<ul style="list-style-type: none"> • Recommended Reading : Books on history of design/advertising, and digital theories <ul style="list-style-type: none"> - The Language of New Media by Lev Manovich - Ways of Seeing by John Berger - Interface Chronicle by Park Haecheon - The 20th century Design History in Twelve Lines by Lee Jeonghye, etc. - Design Anthology by Park Haecheon
Desirable Talents	<ul style="list-style-type: none"> • Students who are inquisitive about communication design fields • Students with creative and innovative minds

Industrial Design



No. of International Students : 13



Office Tel.: +82-2-450-4295



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	Department of Industrial Design provides theoretical and practical education on design with a focus on product and environmental design, as well as comprehensive general educational courses (human and society, technology, philosophy, culture) and practical programs using various media. It strives to foster designers who are equipped with both expertise and creativity.
Courses	<ul style="list-style-type: none"> • Major Electives : Spatial Composition, Spatial Design, UI/UX Design, Design History, Design and Intellectual Property Right, Design Culture Research, Design Presentation, Design Industrial Field Workshop • Core Requirements : 4D Modeling Practice, Design Visualization, Digital Design, Functional Design, Design Reading and Writing
Career Paths	<ul style="list-style-type: none"> • Large enterprises/businesses specializing in design • Design business startups
Recommended Prior Learning	<ul style="list-style-type: none"> • Korean language skills to understand lectures • Skills to use editing tools (Photoshop, Illustrator, Maya, SketchUp, Rhino, 3D Max), instruments and equipment for detailed fields of major • Reading theoretical books on design history and latest design issues
Desirable Talents	<ul style="list-style-type: none"> • Students who are interested and has a good sense for objects and spaces • Students who wish to create original designs • Students who are active in school life and wish to become global talents

Apparel Design



No. of International Students : 67



Office Tel.: +82-2-450-3779



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	Department of Apparel Design provides curriculum that covers a variety of fashion and apparel-related fields, such as fashion design, clothing composition, fashion marketing, fashion drawing, history of fashion, and fashion materials, according to the characteristics of fashion design to require balanced consideration of aesthetic, social and scientific aspects. While providing students with an opportunity for language practice and internship to develop language and practical abilities required of global fashion experts; the department cultivates competent fashion experts by providing students with education on knowledge and skills necessary for comprehensively understanding the requirements of fashion and clothing industry.
Courses	<ul style="list-style-type: none"> • Major Electives : Composition of Clothing, Design of Garments, Fashion Drawing, Fashion Marketing, Fashion Item Design, History of Western Costume, Psychology of Clothing, Fashion Material Planning and Management, Clothing Production Management, Fashion Practice in Field, Global Fashion Marketing • Core Requirements : CAD, Composition of Clothing, Fashion Business, Fashion Coloring Practice, Fashion Material Development, Fashion and Culture
Career Paths	<ul style="list-style-type: none"> • Apparel distribution, marketing, and trade industries • Fashion designer • Research centers studying fashion materials and functions • Modeliste, Technical designer
Recommended Prior Learning	<ul style="list-style-type: none"> • Recommended Reading <ul style="list-style-type: none"> – Western Fashion Multi-contents by Kim Min-ja, etc. – History of International Fashion by Didier Grumbach (translated by Wu Jong-gil) – Clothing Composition by Kim Hyo-suk and Lee So-yeong – Pants Pattern Book by Kim Hyo-suk and Lee So-yeong – Pattern Making for Fashion Design (Pearson) by Helen Joseph Armstrong
Desirable Talents	<ul style="list-style-type: none"> • Students interested in fashion design and industry • Students who have sociality, perseverance, and creative fashion senses

Living Design



No. of International Students : 4



Office Tel.: +82-2-450-3793, 4296



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	<p>Department of Living Design studies convergence of various materials, products, design and craft works, and artistic genres that are applied to residential spaces and decorations. Interest and demand concerning living design increases day by day. However, not many universities offer specialized education programs in the field. Students grow to become creative and professional living designers and directors as they learn to create high value-added content and products that embody digital and handicraft elements, and learn how to handle media and materials in the context of living design.</p>
Courses	<ul style="list-style-type: none"> • Major Electives : Metal Design, Surface Pattern Design, Tableware Design, Printed Textile Design, Knit Textile Design, Dyeing, Art Fabric, Human Body and Decoration, Metal and Space • Core Requirements : CAD, Study of Forms, Study of Colors, Basic Materials (Metal, Ceramic, Textile) Practice, Understanding Contemporary Art
Career Paths	<ul style="list-style-type: none"> • Design : Living designer, household item designer, textile designer, metal/jewelry designer, ceramic designer, home decorator, fashion/interior accessory designer, industrial material designer, surface pattern designer, tableware designer, furniture designer • Art/Craft : Metal artist, potter, fabric artist, living artist • Business : Living design-related corporate director, MD or trade expert • Other : Living coordinator, living stylist, colorist, VMD, editor, academic expert, living trend planning/analysis expert
Recommended Prior Learning	<ul style="list-style-type: none"> • Basic drawing skills • Eastern/western art history • Basic computer design programs • Korean language, etc.
Desirable Talents	<ul style="list-style-type: none"> • Students who want to beautify people's lives and living spaces • Students who wish to produce creative outcomes by using various materials

Contemporary Arts



No. of International Students : 2



Office Tel.: +82-2-2049-6013



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	In the Department of Contemporary Arts, students develop basic abilities and expertise in formative arts in relation to creative cultural competencies of the contemporary society, and study convergence-type creativity. The department aims at fostering creative contemporary artists in response to the demand of the period by encouraging students to freely explore and study interdisciplinary fields as it lowers the boundaries between the fields of fine arts.
Courses	<ul style="list-style-type: none"> • Core Requirements : Drawing, Digital Workshop, 3D Basics, Understanding Contemporary Philosophy, Art Criticism • Major Electives : 2D General, Digital Editing, Interactive Media, Installation, Photography, Contemporary Art History, Image World, Art Internship, 3D Basics, 3D General
Career Paths	<ul style="list-style-type: none"> • Convergence-type artist, image consultant, spatial design, and display expert • Artist, digital artist, stage artist, environmental sculptor • Cultural complex or gallery operator, curator
Recommended Prior Learning	<ul style="list-style-type: none"> • Language abilities (Korean, foreign languages) • Recommended Reading <ul style="list-style-type: none"> – Sapiens by Yuval Harari – Guns, Gems and Steel by Jared Diamond – Ways of Seeing by Berger – Crime and Punishment by Dostoevsky – The Old Man and the Sea by Earnest Hemingway – Yu Shi-min’s Special Lecture on Writing by Yu Shi-min
Desirable Talents	Students inquisitive about new areas and have insight and artistic senses

Film and Animation



No. of International Students : 52



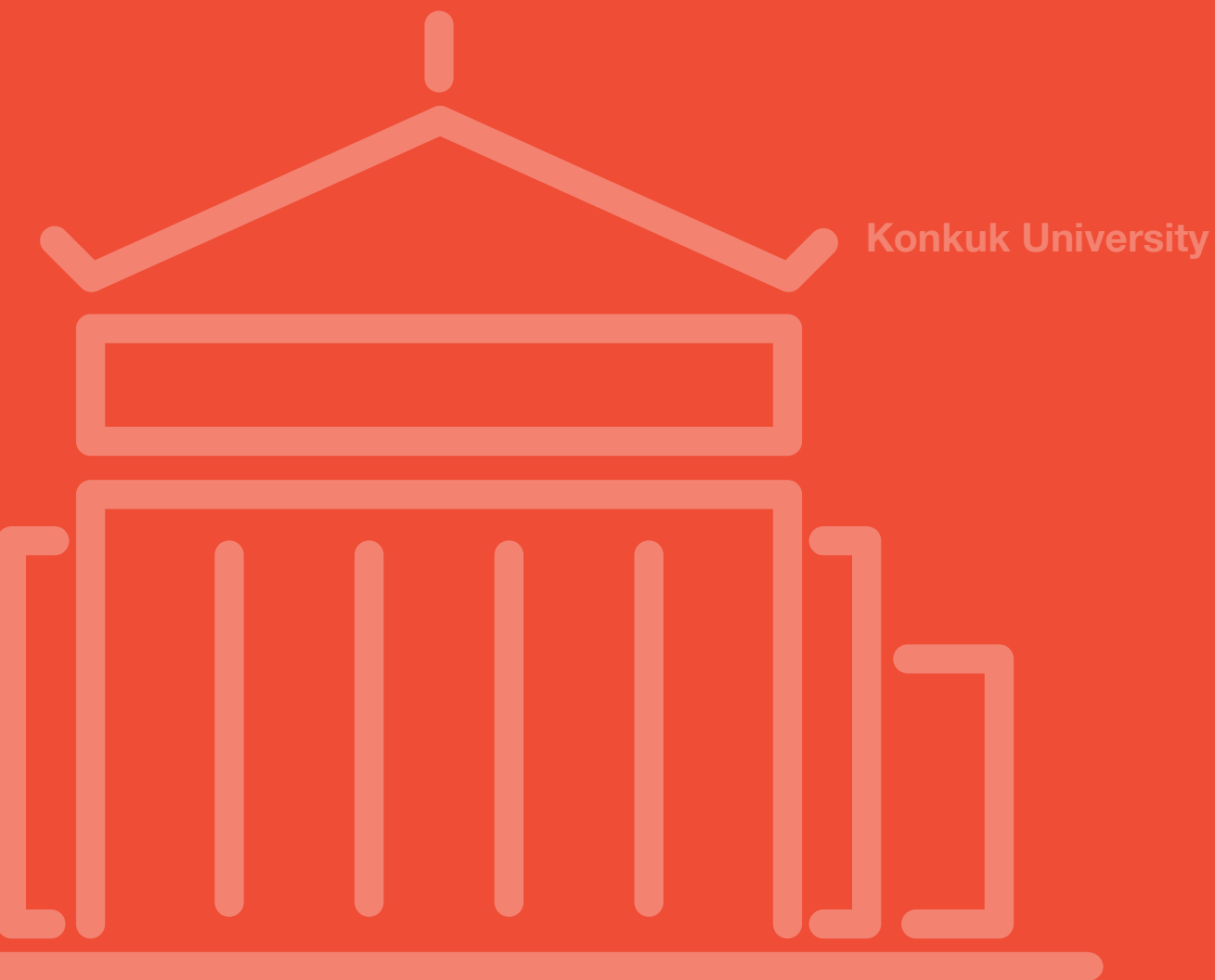
Office Tel.: +82-2-2049-6072



Office Location : #404, Art & Design Bldg. (5)

Category	Description
About the Major	Department of Film and Animation provides the best curriculum to foster talents equipped with infinite creativity and professional techniques. While assisting students to display and achieve their individual characteristics and visions by providing them with education on various media, such as image design, animation, and film, the department cultivates human resources who will lead the film and animation industry environment that is rapidly changing as a result of the development of new media and technologies.
Courses	<ul style="list-style-type: none"> • Major Electives : Graphics & Animation, Introduction to Motion Graphics, Introduction to Acting, Introduction to Directing, Introductory Movie Production Workshop, Cinematography, Documentary Film • Core Requirements : Film Production Workshop 1, 2, Life Drawing, Mythology and Imagination, Sound Design, Storyboard & Animatics, Storytelling 1, Sound and Expression
Career Paths	Advertising, broadcasting, animation, film production/planning/directing, and special effects industries
Recommended Prior Learning	<ul style="list-style-type: none"> • Training for Korean language listening and speaking • Appreciating and analyzing motion graphics, animations, movies, and advertising films • Practice using Hangeul and MS Office programs • Practice using film production and editing tools (Photoshop, Illustrator, After Effects, Premier, Final Cut Pro, Pro-Tools, Maya)
Desirable Talents	<ul style="list-style-type: none"> • Students who wish to build experiences in the fields of animation and film • Students who wish to create the culture, and develop the future of animation and film industry

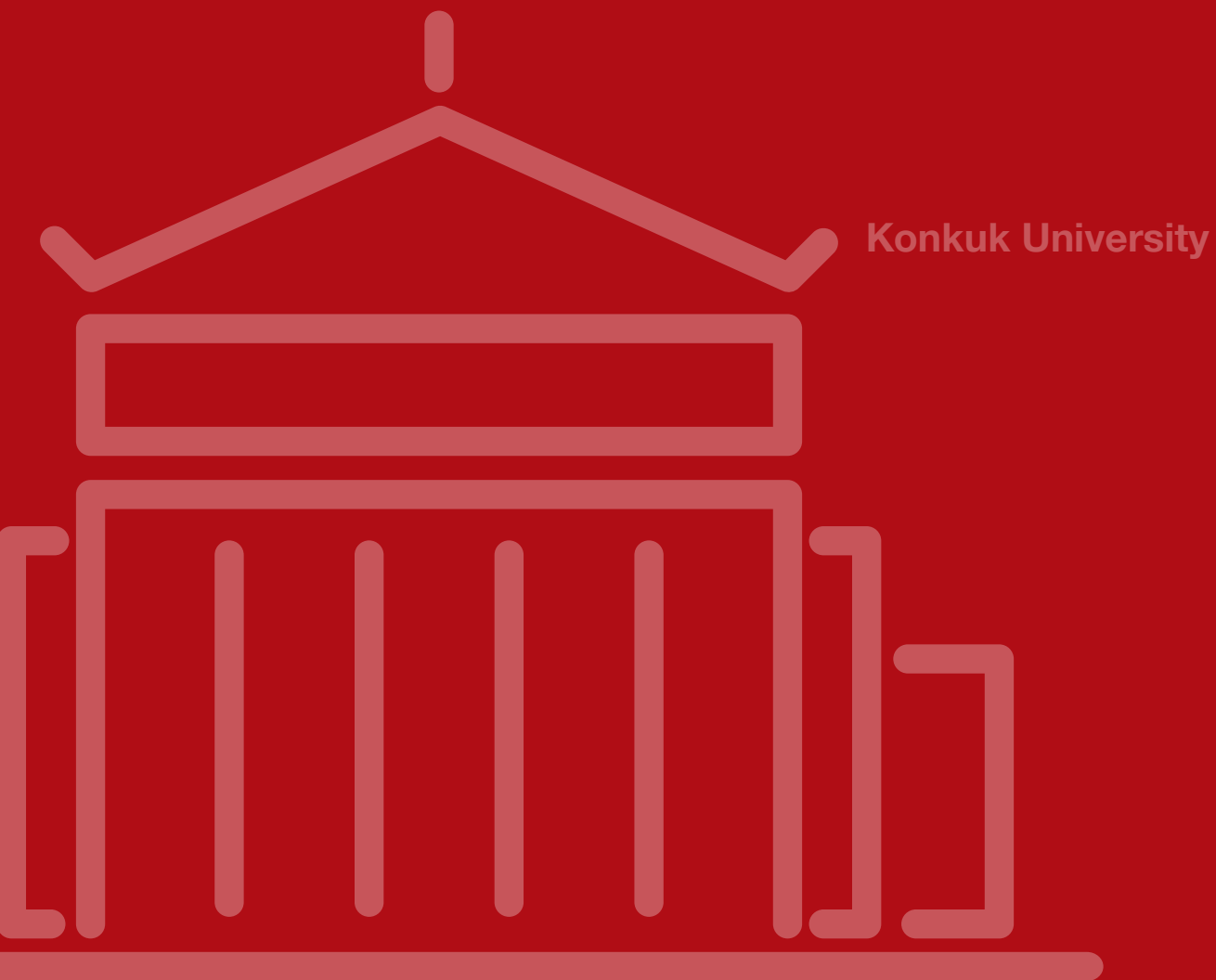
Credits Required for Graduation by Major



Credits for Graduation by Major

Department	Major/Concentration	Courses for General Education			Major Core Requirements			Minimum Credits Required
		Basic + Advanced	Core Requirements Single	Multiple	Major Core Requirements	Major Electives		
College of Liberal Arts	Korean Language & Literature	24	15	6	–	60	40	124
	English Language & Literature	24	15	–	–	60	40	124
	Chinese Language & Literature	24	15	6	–	60	40	124
	Philosophy	24	15	–	–	60	40	124
	History	24	15	–	–	60	40	124
	Geography	24	15	6	–	60	40	132
	Media & Communication	24	15	9	–	60	40	124
	Digital Culture & Contents	24	15	12	–	60	40	124
College of Sciences	Mathematics	24	24	6	–	60	40	132
	Physics	24	26	14	12	48	28	132
	Chemistry	24	24	14	15	45	25	132
College of Architecture	Architecture	24	19	15	12	40	28	132
College of Engineering	Department of Civil & Environmental System Engineering	24	30	–	–	60	40	132
	Department of Mechanical Engineering	24	30	15	15	45	25	132
	Department of Electronic & Electrical Engineering	24	30	15	12	48	28	132
	Department of Chemical Engineering	24	30	9	–	60	40	132
	Department of Software	24	18	12	13	59	27	132
	Computer Science and Engineering	24	19	6	9	51	31	132
	Department of Aerospace Information Engineering	24	30	12	5	55	35	132
	Department of Biological Engineering	24	30	15	12	60	40	132
	Department of Industrial Engineering	24	30	9	–	60	40	132
	Technical Integrated Engineering	24	30	–	–	60	40	132
College of Political Science	Political Science	24	10	3	–	52	40	124
	Economics	24	10	6	–	52	40	124
	Public Administration	24	10	3	–	52	40	124
	Department of International Trade	24	10	3	–	52	40	124
	Department of Applied Statistics	24	10	6	–	52	40	124
	Global Business	24	10	–	–	52	40	124
College of Business Administration	Department of Business Administration	24	18	9	22	38	18	124
	Department of Management of Technology	24	19	12	22	38	18	124
	Department of Real Estate Studies	24	18	12	7	53	33	124
Sanghuh College of Life Sciences	Biological Sciences	24	24	14	–	60	40	132
	Animal Science and Technology	24	24	–	–	60	40	132
	Crop Science	24	24	–	–	60	40	132
	Food Science and Biotechnology of Animal Resources	24	24	–	–	60	40	132
	Food Marketing and Technology	24	22	–	–	60	40	132
	Environmental Health Science	24	24	12	–	60	40	132
	Forestry and Landscape Architecture	24	24	3	–	60	40	132
College of Art & Design	Communication Design	24	20	12	–	60	40	132
	Industrial Design	24	20	12	–	60	40	132
	Apparel Design	24	20	11	–	60	40	132
	Living Design	24	20	10	–	60	40	132
	Contemporary Arts	24	20	13	–	60	40	132
	Film and Animation	24	20	–	–	60	40	132

Requirements for Graduation by Major



Requirements for Graduation by Major

※ For more details, check university catalog or contact the respective department

College of Liberal Arts

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Korean Language and Literature	O	X	X	X	-	-	-	-	-	-	-	-	-	-
English Language and Literature	X	X	X	X	875	580	237	88	7	793	-	-	-	Translation thesis can be submitted if failed from foreign language exam
Chinese Language and Literature	O	O	X	X	-	-	-	-	-	-	-	Level 5	Chinese character ability Test level 3	One of the following conditions A. Graduation thesis B. Graduation exam C. New HSK level 5 or higher, can be substituted with nationally certified Chinese character ability test level 3 or higher
Philosophy	O	X	X	X	-	-	-	-	-	-	-	-	-	-
History	O	X	X	X	-	-	-	-	-	-	-	-	-	-
Geography	O	X	X	X	850	580	235	92	6.5	750	760	Level 4	-	1. One of the following conditions A. Graduation thesis B. Foreign Language Exams 2. Compulsory internship completion
Media Communication	O	X	O	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Graduation project: Must consult with professor within the department
Digital Culture & Contents	O	X	O	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Graduation project: Must consult with professor within the department

College of Sciences

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Mathematics	O	O	X	X	850	580	235	92	6.5	782	-	-	-	-
Physics	O	X	X	X	750	-	-	-	-	-	-	-	-	One of the graduation theses below A. Dissertation B. Review essay + English exam record (TOEIC 750 points)
Chemistry	O	X	X	X	-	-	-	-	-	-	-	-	-	-

College of Architecture

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Architecture	O	X	O	X	-	-	-	-	-	-	-	-	-	Must submit graduation project through Architectural Design 1 and 2, the major core requirements

College of Engineering

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Civil & Environmental System Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	-
Mechanical Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	-
Electronic & Electrical Engineering	O	X	O	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Graduation project (submitted through major core requirements)
Chemical Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	-
Software	O	X	O	X	-	-	-	-	-	-	-	-	-	Must pass capstone design class and industrial project class
Computer Science and Engineering	O	X	O	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. 3 credits or more from Capstone Design if student selects to submit graduation project C. 3 credits or more if student completed internship
Aerospace Information Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Graduation thesis presentation
Biological Engineering	O	X	X	X	850	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Foreign language exam
Industrial Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	One of the conditions for compulsory internship completion system to be fulfilled (To take Capstone Design for Industrial Engineering course, to complete long-term field practice, to complete practical training, to obtain at least 1 major-related license)
Technical Integrated Engineering	O	X	X	X	-	-	-	-	-	-	-	-	-	-

Sanghuh College of Life Sciences

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Department of Biological Sciences	O	X	X	X	700	-	-	-	-	-	-	-	-	One of the following types of graduation thesis A. Dissertation + oral and poster presentation B. Review essay + English exam record (TOEIC 700 points)
Animal Science and Technology	O	X	X	X	-	-	-	-	-	-	-	-	-	One of the following conditions A. Graduation thesis B. Either field practice or lab for 1 month C. To take Animal Resource Design course in the 1st semester of 4th year
Crop Science	X	O	X	X	-	-	-	-	-	-	-	-	-	Mandatory to pass graduation exam and complete core requirements designated by head professor following counseling
Food Science and Biotechnology of Animal Resources	O	X	X	X	850	580	235	92	6.5	736	-	Level 5	-	One of the following conditions A. Graduation thesis B. Foreign language exam C. NCS 1 or mandatory to complete Capstone Design
Food Marketing and Technology	O	X	X	X	800	580	235	92	6.5	736	860	Level 5	-	One of the following conditions A. Graduation exam B. Foreign language exam
Environmental Health Science	O	X	X	X	-	-	-	-	-	-	-	-	-	-
Forestry and Landscape Architecture	O	X	X	X	750	-	213	79	6	650	-	Level 5	-	One of the following conditions A. Graduation exam B. Foreign language exam

College of Art & Design

Department (Major)	Graduation Thesis	Graduation Exam	Graduation Project	Practice Project	Foreign Language Exams									Others
					TOEIC	TOEFL			IELTS	TEPS	JPT	New HSK	Others	
						PBT	CBT	iBT						
Communication Design	X	X	O	O	-	-	-	-	-	-	-	-	-	Pass graduation exhibition exam
Industrial Design	X	X	O	O	-	-	-	-	-	-	-	-	-	1. Submit graduation project (exhibition) 2. Mandatory internship completion (curricular/non-curricular)
Apparel Design	X	X	O	O	-	-	-	-	-	-	-	-	-	1. Graduation fashion show (Fashion Studio 1, 2) 2. Mandatory internship completion (curricular/non-curricular)
Living Design	X	X	O	O	-	-	-	-	-	-	-	-	-	1. Graduation exhibition, portfolio 2. Mandatory internship completion (curricular/non-curricular)
Contemporary Arts	X	X	O	O	-	-	-	-	-	-	-	-	-	1. Submit graduation thesis (portfolio) 2. Mandatory internship completion (curricular/non-curricular)
Film and Animation	X	X	O	X	-	-	-	-	-	-	-	-	-	1. Produce graduation project and pass assessment of judging committee 2. Mandatory to complete internship (in relation to Practice in Field, submit portfolio or win prize at national-level contest)

MEMO

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MEMO

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Konkuk University

Departments & Majors

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