



HANKYONG NATIONAL UNIVERSITY

Introduction of Colleges

**College of
Agriculture &
Life Science**

**College of
Engineering**

**College of
Natural Science**

**College of
Humanities &
Social Science**

College of Agriculture & Life Science



Department of Plant Life & Environmental Science

Department Overview

We share basic biological and scientific knowledge to help understand plant growth and development and the principle of plant reproduction, and provide training centering on agricultural management practices such as production technologies for plants for food, medicine, and special purposes, the processing and distribution of products, and agricultural management analysis.

Introduction to Curricula

Curricula covers the basic sciences and general chemical experiments such as biomathematics, introduction to biology, general chemistry, organic chemistry, and biochemistry, laboratory chemical analysis capacity such as scanning probe microscope and electron microscope practice, and environment contamination process test methods, along with overseas field practice (30 students are currently dispatched to Asia, Central America, Africa, etc.).

Beyond Graduation

Graduates can find employment as public officials at state-funded research institutes, domestic research institutes, companies, and international institutes.

Department of Horticulture

Department Overview

While horticulture is recently expanding its footing in the agricultural industry, we are aiming at cultivating professional horticulturists. We have a variety of laboratories within the department to lead practice-oriented training, and our Curricula also includes field practice at domestic and foreign research institutes and organizations.



Currently, our students are nourishing their dreams of becoming professional horticulturists in Peru, Ecuador, Uzbekistan, and Ethiopia.

Introduction to Curricula

From basic knowledge to advanced technology in the cultivation physiology of horticultural products, disease and pest control, and breeding, we provide the opportunity to explore through theory and practice in horticulture-related industries.

Beyond Graduation

Graduates can find employment at international organizations such as the UN Food and Agriculture Organization, International Fund for Agricultural Development, and agriculture organizations affiliated with the UN, agriculture-related government agencies, and government-funded research institutes.

Department of Animal Life and Environment Science

Department Overview

Recently, the animal life industry is expanding its scope into the various fields of wild animals, fish, and laboratory animals, and is also becoming a composite industry covering the production of clone animals and the development of biomass energy using byproducts. We are aiming at cultivating professional people for animal life engineering, food hygiene, and the international animal industry. We became Korea's first organization to acquire certification for environmentally friendly agricultural products in 2005, and a venture company of the department, Hankyong Ham, even won a prize at the 'Frankfurt Meat and Meat Processing Exposition (IFFA)'

Introduction to Curricula

In their first year, students will study subjects related with the major, such as the introduction to animal life and environment science and basic animal experimental practice, and from their second year, students can study the field of their preference by choosing from animal life and animal bio systems.

Beyond Graduation

Graduates can move on to life science related organizations and research institutes, quarantine officers, functional food, medical and biotechnology, advanced livestock production, bioenergy development, etc.

Department of Bioresource and Rural Systems Engineering

Department Overview

We develop the basis for utilizing natural resources, increasing the income of local residents by automating crop production



facilities, improving the local environment, and studying the knowledge and technology concerning projects that are related with national land development. The Department of Bioresources & Rural Systems Engineering is displaying excellent outcomes, such as winning the Excellence Award through the JOB Map Project held by the Ministry of Agriculture and Forestry in 2011 and being selected for the Rural Amenity Resources Survey Project organized by the Rural Development Administration.

Introduction to Curricula

The Curricula covers bio material resources and the energy production process and courses designed to cultivate professionals in land development areas.

Beyond Graduation

Graduates can acquire a civil engineer's license, building engineer's license, or environment engineer's license and find employment at the Korea Water Resources Corporation, Korea Rural Community Corporation, Rural Development Administration, and at civil engineering and construction companies, and as land surveyors and GIS engineers.

Department of Biotechnology

Department Overview

Biotechnology is the area of study that has the unlimited potential to resolve the food shortage issues and environmental contamination issues that humanity is faced with, and also helps with the development of alternative energies. We have developed an academy-industry-research institute field practice system with biotechnology-related industries, and are making an effort to cultivate talented people for the world through training in environmentally friendly technologies in Asia, training in environmentally friendly development and surveys, dispatching volunteers for KOICA, and through on-site training at the PCC center in the Philippines.

Introduction to Curricula

Students will learn basic subjects including molecular biology, genetics, and microbiology, and also advanced topics such as the maximization of efficiency through genetic manipulation, the development of gene information D/B, the preservation and use of genes, and useful proteins.

Beyond Graduation

Graduates are finding employment at national research institutes, government agencies as public officials in charge of agriculture and quarantine, and agriculture-related public corporations and institutions, biotechnology-related venture companies, and cosmetics companies.

HANKYONG

College of Engineering



Department of Civil, Safety, and Environmental Engineering

Department Overview

The Department of Civil Engineering, the Department of Safety Engineering, and the Department of Environmental Engineering were integrated into a single department for interdisciplinary exchange and convergence. Civil engineering plans, designs, and maintains social infrastructure facilities in a safer and more environmentally friendly manner. Safety engineering produces safety experts who have engineering knowledge and practical safety management knowledge. Environmental engineering studies the natural ecosystem and environmental policies and focuses on life enjoyment within the harmony between man and nature.

Introduction to the Curricula

The civil engineering track deals with structure, soil quality, foundations, hydraulic engineering, and surveying. The safety track deals with industrial safety and construction safety. The environment track covers water quality, atmosphere, waste, environmental planning, and the natural ecosystem.

Beyond Graduation

Graduates are finding employment at related public corporations and construction companies, as designers and supervisors, construction safety managers, industrial safety managers, and at environment-related research institutes.

School of Architecture

Department Overview

The School of Architecture applies today's advanced science and technology to the urban planning and architecture fields. We have Korea's best structure laboratory and operate an international exchange program with leading universities in Asia. We are also focusing on developing the best experts in the environmentally friendly



and space creation fields, through various efforts, including the development of environmentally friendly design techniques, the development of green materials and construction methods, and the study of environmentally friendly energy plans.

Introduction to the Curricula

The 4-year program covers structural engineering, construction engineering, and environmental engineering, and the 5-year program cultivates creative skills based on the comprehensive understanding of Western, Eastern, and Korean construction history.

Beyond Graduation

Graduates are finding employment at architecture and design companies, construction companies, as construction-related public officials, at interior companies, research institutes, and at construction information and technology-related companies.

Department of Chemical Engineering

Department Overview

We are producing professionals in the biotechnology (BT), nanotechnology (NT), information technology (IT), and renewable energy fields, where chemical engineering takes charge in the advanced future society. We opened a course for the teaching profession, targeting the acquisition of a license for class 2 regular middle school teachers in 2003, and opened an intensive course in chemical engineering (ABEEK) in 2007 as part of the effort to increase the quality of education while helping students develop a sense of the field through various practical courses.

Introduction to the Curricula

After learning basic theories in chemical engineering, students will move on to intensive courses covering energy engineering, organic chemistry, biochemical engineering, and interface engineering, along with polymer engineering, basic chemical engineering experiments, and chemical reaction experiments.

Beyond Graduation

Graduates are finding employment in the oil refining industry, in petrochemical, fine chemical, and pharmaceutical fields, in environment and energy fields, biotechnology field, at key industries such as display parts and materials and resources, in the industrial automation field, and in the cosmetics field.

Department of Food & Biotechnology

Department Overview

We study energy that humanity requires for survival, various processing technologies, storage methods, and active physiological substances included in food. In addition, we are cultivating competent engineers perfect for various food industries through a joint cooperation system between academy-industry-research institutes. In addition, we operate an international exchange program with leading universities outside the country, such as Clemson University in America, to produce excellent global food specialists.

Introduction to the Curricula

The Department of Food & Biotechnology deals with overall food-related subjects from the basics to applications, and it covers food chemistry, food analysis, food microorganism, food hygiene, food dietetics, and food engineering.

Beyond Graduation

Graduates are finding employment at food-related companies, as hygiene, health, and quality managers, at agricultural, livestock, and fishery products-related research institutes, at food analysis agencies, at food storage and distribution companies, and at many food-related businesses.

Department of Computer & Web Information Engineering

Department Overview

Korea is faced with a manpower shortage in the software field, while the paradigm of the global IT and software industry is rapidly changing. In response to these circumstances, we provide systematic training for theory and skills covering various computer languages, web and internet programming techniques, electronic commerce, and mobile computing, to produce competitive software engineers.

Introduction to the Curricula

The Curricula covers overall aspects related with computers, such as the introduction to engineering design, various operating systems, logical circuit design, and



programming, along with digital animation, mobile programming, communication networks and hacking, web server development and management.

Beyond Graduation

Graduates are finding employment at integrated system management companies, IT-related companies, in the multimedia field, in the electronic commerce system development and internet service fields, in the built-in system software and application software development fields, as web designers and managers, in communication/information security, and as network managers.

Department of Electrical, Electronic, and Control Engineering

Department Overview
To specialize in the IT field, the Department of Electrical Engineering, the Department of Electronic Engineering, and the Department of Information Control Engineering were integrated into this IT-specialized department. For specialization, we offer a total of 7 intensive tracks: the 'Semiconductor Device Intensive Track', 'Control and Embedded Intensive Track', 'Digital Media Intensive Track', 'Electronic Communication Intensive Track', 'Automation and Logistics Network Intensive Track', 'Electric Energy Intensive Track', and the 'Power Conversion Intensive Track.'

Introduction to the Curricula
To cope with industrial demand and realize demander-oriented training, we operate 7 intensive tracks, and students can choose from 2 intensive tracks from the second year.

Beyond Graduation
Graduates are finding employment at information and communication-related companies, at control and automation-related companies, microwave-related companies, software and embedded-related companies, semiconductor and display manufacture-related companies, and electrical installation and supervision-related companies.

Department of Mechanical Engineering

Department Overview
Our goal is to produce talented people who can easily adapt to the field and are creatively inspired, by training them with theory and practice covering overall mechanical engineering. Within the department, we have been operating the Self-Built Automobile Club, "Start", from 1999 in order to enhance the understanding of mechanical engineering theories and the adaptation of practical education to the field. Through self-motivated study of theory, practice, and seminars, students learn the automobile structure and the operation principle, and are showing excellent results in the national self-built automobile contest each year.

Introduction to the Curricula
Students will be learning the basic courses for the major. These are mostly comprised of theoretical courses, core courses comprised of mechatronics courses that combined mechanics and electronics, and a course designed to develop skills to immediately apply knowledge and skills in the fields of the mechanical industry, comprised of engineering applications, design/interpretation, production/processing, and examination and evaluation.

Beyond Graduation
Graduates are finding employment in the machine manufacture and production management fields, mechanical design and automation fields, at machine-related public institutions, in the shipbuilding, aviation, and automobile industries, and at research institutes.

Department of Design

Department Overview
The Department of Design operates communication design, marketing training, and UX and digital contents training in an integrated manner in order to cultivate designers who communicate, rather than simply deliver images. We hold a Design Camp for 3 nights and 4 days every year in



order to enhance students' expressiveness in design and persuasiveness, and also invite expert designers from the field to instill students with a sense of actual field operation.

Introduction to the Curricula
To cultivate professional designers with creativity and expressiveness, we offer a basic design track, an intensified course named communication design, as well as a digital contents design track.

Beyond Graduation
Graduates are finding employment at professional design companies, advertisement agencies, teaching material manufacturers, broadcasting stations, in animation, at edutainment companies, and digital media publishers.

College of Natural Science

HANKYONG NATIONAL UNIVERSITY



Department of Landscape Architecture

Department Overview
We are becoming a stronghold department in the metropolitan area, producing 800 or more graduates, including 300 or more people trained through commissioned education over the past 10 years. We aim to produce the talented people required in the professional areas of planning, design, construction, and management, in order to produce specialized researchers and industrial manpower who can cope with the changes in the construction and landscape architecture areas.

Introduction to the Curricula
Students will be learning theories such as the introduction to landscape architecture, landscape architecture drawing and expression techniques, and landscape architecture planning theory, and also learn environment psychology, surveying and practice, plastic practice, landscape architecture trees, overseas field practice, and industrial medicine in the advanced track.

Beyond Graduation
Graduates find employment at construction companies, landscape architecture companies, landscape architecture facilities and landscape architecture management companies, public institutions related with landscape architecture, and research institutes.

Department of Clothing Industry

Department Overview
We aim at cultivating professionals who can be engaged in the clothing business, training students to learn about all aspects of clothing and develop a view to positively accept fashion trends that always change. The graduation show provides students the opportunity to share their academic knowledge accumulated over 4 years, and also elevates the skills of prospective graduates.

Introduction to the Curricula
Students will be learning through theories and practice through 4 themes, including clothing and human physique, fashion design,



textiles, traditional costumes.

Beyond Graduation
Graduates find employment as fashion designers, pattern makers, stylists, fashion merchandisers, coordinators, displayers, and textile designers at research institutes, in the media, and at fashion exclusive distributors.

Department of Nutrition & Culinary Science

Department Overview

We are helping students to develop skills to quickly adapt to the field and the skills required in the field in order to cultivate them into professionals who can lead 21st century food and restaurant businesses. We provide a variety of learning opportunities to help students become nutrition and cooking



experts, while attending school. Up to 82.6% of students graduated with a nutritionist license and 53.6% with a hygienist license in 2010. In addition, the Cooking Club, an autonomous organization, won a number of prizes in a variety of cooking competitions. As described, we are making an effort to cultivate experts in nutrition and culinary science who are both creative and skillful.

Department of Child & Family Welfare

Department Overview

The concept of child and family welfare has expanded recently, due to child development, the multicultural phenomena displayed in international society, children's human rights, and the welfare issues of families. Through the Curricula, students can obtain a class 2 social worker's license, a class 2 child minder's license, and a healthy family specialist's license. We are currently operating the Ggumnamu Safe School through the sponsorship of the Gyeonggi Provincial Office and Anseong City, providing high quality day care services to elementary school students of low-income families and double-income families.

Introduction to the Curricula

Students will obtain the professional knowledge required by experts in child and family welfare and also comprehensive practical skills through the course.

Beyond Graduation

Graduates find employment as public officials in charge of social welfare, social workers, healthy family specialists, consultants, and child development specialists, and at companies specialized in teaching materials for children.

Department of Applied Mathematics

Department Overview

We intend to help students learn basic knowledge in the field of mathematics through a process of thinking and applying such knowledge to overall phenomena in society. We teach our students with purely academic subjects as well as practical subjects such as statistics and computers, so that they can work as professionals in mathematics-related fields.

Introduction to the Curricula

Students will be learning the main trunks of mathematics, such as analytics, algebra, probability and geometry, along with practical subjects, such as statistics, analytics, and computer.

Beyond Graduation

Graduates can find employment at financial institutes and various companies in computer operation, at computer-related venture companies, and statistics-related companies.

Department of Sports Science

Department Overview

By combining various disciplines from natural science to humanities, social science, and leisure recreation into the Curricula, we are helping students to choose a career that fits



their aptitudes. Enrolled students are also involved to partake in various activities. World female professional boxing champion Dan-bi Kim and the law tennis team are ranked high among Korean sports entities. We have a variety of equipment for a number of leisure sports, such as skin-scuba diving, wind surfing, water-skiing, aerial sports, skiing, and snowboarding, and a variety of testing and practice equipment that intensifies student practice.

Introduction to the Curricula

Students will be learning sports media theory, human anatomy, sports dynamics, and sports statistics, along with practical courses such as swimming, water sports, gymnastics, winter sports, aerial sports, rhythm sports, and sports education.

Beyond Graduation

Graduates are finding employment at hospital rehabilitation centers, exercise prescription offices, sports centers, sports information analysis fields, sports event companies, agencies, and as professional leisure sports instructors.

College of Humanities & Social Science

Department of Business Administration

Department Overview

Business administration is a field of social science that deals with social phenomena in the industrial society in the age of digitalization and globalization. We teach our students the theories and techniques that can be applied in management organizations. Students are cultivated into professional manpower with creative ideas as business managers with deep insight into their social roles.

Introduction to the Curricula

Students will be learning the introduction to business administration, organizational behavior, accounting principles, marketing principles, survey methodologies, personnel management theory, cost accounting, financial management theory, international marketing, knowledge management, commercial law, and tax law.

Beyond Graduation

Graduates advance into the fields of trade, marketing, planning, public relations, advertising, finance, public institutions, government agencies, and various research institutes as certified public accountants, tax accountants, securities analysts, actuaries, and certified logistics administrators.

Department of Public Administration

Department Overview

We are focusing on cultivating people who can actively cope with the currents of the times along with the trends of globalization, digitalization, and localization. We have developed an expansive human network through a number of commissioned education services for high ranking public officials of the Gyeonggi Provincial Office, cities, and counties, and are producing a number of successful candidates for civil service examinations each year.

Introduction to the Curricula

Students will be learning subjects that are unique to public administration, such as the theory of planning, personnel and financial administration, and organization theory, as well as related social science fields such as law, political science, economics, and sociology.

Beyond Graduation

Graduates are finding employment at various public and private corporations by passing civil service examinations and employment examinations for public and private corporations.

Department of Law

Department Overview

The Department of Law aims at cultivating talented people required in realizing the ideals of the democratic state, constitutional state, and welfare state, and is working hard to pioneer new fields that combine practical subjects and science and technology, in addition to subjects that cover basic laws, civil procedure codes, criminal procedure codes, and constitutional procedure codes. We are concentrating all resources into enriching the education of law as the demand for people who have majored in law is increasing in many sections of society, such as among companies and public institutions.

Introduction to the Curricula

Students will be learning a variety of subjects, including constitutional law, criminal law, civil law, commercial law, administrative law, international law, and civil procedure codes in the basic course, and constitutional procedure codes, criminal procedure codes, civil law case studies, sociology of law, legal practices, tax law, cyber-crime, science and technology law case studies, and an introduction to medical law.

Beyond Graduation

Graduates can pursue careers in legal circles or become public officials through the higher civil service examination. Graduates can also find employment at ordinary companies or media companies that require legal knowledge.

Department of English

Department Overview

We aim at cultivating professionals with fluent English skills and an extensive knowledge of British and American cultures. Through the TOEIC Contest and English Clinic as well as the English Drama Festival, we encourage students to enhance their English speaking skills and creativity. The English magazine, Hankyong Chronicle, is contributing to the enhancement of student's writing skills and planning skills. The British



and American Linguistic Culture Research Institute plays a pivotal role in developing the foundation for research on British and American culture, English linguistics, and English education, as well as research exchange with related institutions.

Introduction to the Curricula

The Curricula is comprised of an English conversation course with native-speaking professors, English grammar, an introduction to British and American literature, English teaching methods, English phonetics, English semantics, and English syntax, designed to enhance English skills and the understanding of British and American culture.

Beyond Graduation

Graduates can move onto the public service area concerned with foreigners, trade and business administration, the media, culture, and publication fields, including translation and interpretation, finance, and tourism.

Department of Creative Writing and Literary Arts

Department Overview

The department aims at cultivating professionals specializing in literature who can fulfill the cultural demands of a quickly changing society. Based on systematic training covering all aspects of literature, we cultivate professionals with multidisciplinary knowledge and experts for the culture industry, which combines literature and information technology.

Introduction to the Curricula

Students will learn contemporary literature and classics and also learn how to teach elementary, middle, and high school students to read and write, as well as the overall aspects of literature, including scene studies.

Beyond Graduation

Graduates can move onto various areas in IT content development, web editing, electronic publishing, electronic game scripting, as animation story writers, in advertising and PR production, corporate newsletter editing, child literature expertise, and as literary persons and guidance teachers.

Faculty of Liberal Arts & Basic Science

Department Overview

We encourage students to obtain basic knowledge to grow into broadminded persons with great intelligence and also help them develop a sense of duty as democratic



citizens and professionals while practicing the basic skills required to carry out their duties successfully.

Introduction to the Curricula

Students acquire the knowledge of overall society, including culture and the arts, humanities and society, ethics and ideology, language and expression, history and culture, nature and the environment, ecological technology, and science and technology.

Graduate School

HANKYONG

- General Graduate School
- Graduate Future Convergence Technology
- Graduate School of Technology
- Graduate School of Public Policy
- Graduate School of International Development and Cooperation



General Graduate School

Department of Plant & Environmental Science, Department of Horticulture

Its educational goal covers edible-gardening plants as food sources, flowering-gardening as a way to increase qualitative aesthetic value from gardening to reaping.

<Department of Plant & Environmental Science>

Department of Plant & Environmental Science aims at major edible plants necessary to human surviving, edible plant function, and production reconsideration environment, physiology, genetics, breeding and disease and pest.

<Department of Horticulture>

Department of Horticulture aims to foster growing system research talents as well as product gardening plants in consideration of gardening plants features, breeding research, high quality functioning gardening plants in relation to vegetable crop science, fruit reaping, flowering, gardening breeding and life science, facility gardening, after-reaping management, gardening multiplication, urban farming.

Department of Animal Life and Environment Science

It aims to product excellent talents in life industry field and increase animal productivity by researching various genetic interpreting, life new material development, management, processing, and distributing as well as by enlarging basic knowledge in the fields of animals and life science.

<Department of Animal Life and Environment Science>

It aims to specialize in learning and researching top-notch studies in the fields of animal nutrition, breeding, production physiology, specification management, facility and environmental science, disease management, biology business information, meat processing, food and yeast microbiology engineering, cell engineering, genetic engineering, and animal life science.

<Department of Biotechnology>

It aims to find out cause of disease and develop cure while solving life phenomenon, organization, response passage analysis, post genome research, bioengineering integrated interpreting research in the fields of human health and welfare improvement.

Department of Bioresources & Rural Systems Engineering

Department of Bioresources & Rural Systems Engineering aims to develop effective management of local resource, systematically research academics related to improvement of productivity, contribute to academic performance and technical development, and nurture professional human resource to play a leading role in reinforcing farming competitiveness and abundant locality construction.

Department of Civil, Safety & Environmental Engineering

Civil Engineering, Safety Engineering and Environment Engineering are combined while creating synergy between departments. Civil Engineering aims to explore knowledge to maintain as well as plan, design and construct social infra more safely, economically, and environment-friendly. Safety Engineering aims at preventing large-scale industrial disaster and fostering management talents, while Environment Engineering aims at acquiring knowledge in new generation energy and natural biology, and fostering specialized talents in solving environment field.

School of Architecture

It aims to understand co-relation between humans and environment, promote to convenience of clean daily lifestyle and convenience, and handles physical and social environment from a multiple angles from building to city scale. Accordingly, Its goal is to acquire architectural technology as well as creative molding capacity to improve architectural culture, while raising current technology in the architectural field and creativeness.

Department of Chemical Engineering

It aims at raising professional members in the fields of BT (Bio-technology) such as petroleum chemicals, fine chemistry, energy industry, biological engineering, environment, new material, process system, traditional chemical industry such as ET(Environmental & energy technology), NT(Nano-technology), Interdisciplinary biotechnology exploring high-tech technology field, renewable energy, fine chemistry, nano and new material.

Department of Food & Biotechnology

It aims at understanding and applying components necessary to energy, nutrition and health, expanding range of knowledge of systematic academic base through knowledge of food characteristics and various research practice, and developing scientific processing technology for food preserving method, quality improvement, traditional food development, environment-friendly food, safe and high-functioning food.

Department of Computer & Web Information Engineering

It aims at acquiring knowledge about hardware and software consisting of computer, and nurturing design and development capacity. It also raises talents with theory and practicality in the field of computer engineering. In addition, it fosters professional research capacity and flexible academic research, while contributing to development of new computer engineering technology and theory.

Department of Electrical Electronic, and Control Engineering

It aims at future-oriented education and research to foster global IT field specialists in electricity, electronics, control engineering. The theory acquired through these will be applied to practical capacity and creativity of engineering problems, while research field including semi-conductor device, control embedded, digital media, electronic and telecommunication, automation and network, electric energy, power conversion field.

Department of Design

It aims at educational course to foster specialized designers including collection, reading, speaking, writing of materials. Detailed majors include photographs, design management, identity, typography, visual special effect, UXD, creativeness education, edu-tainment.

Department of Mechanical Engineering

It aims at researching, practicalizing, designing, developing, and producing principles of machine, design, etc linked to all major fields of engineering. Modern mechanic engineering is increasing its percentage due to development of scientific technology, while Mechanic Engineering consisting of various fields and knowledge as core academics of all engineering.

Department of Landscape Architecture

It aims at nurturing value and problem consciousness through deep consideration to our living environment, educating creative course of such research, and educating various knowledge and technology necessary to expressing trouble-shooting and its result. The curriculum asks for scientific analysis based upon analysis or methodology, understanding professional cases, history, theory, design, etc and establishing new knowledge system.

Life Science Dept.

<Department of Clothing Industry>
Academic fields such as costume organization, textiles design, traditional textiles, making an incessant effort to educating excellent fashion specialist by adopting various fashion fields. Costume organization field includes body line analysis for costume organization, costume dimension regulation per body line and age, pattern grading research with apparel CAD system, movie costumes analysis in textiles design field, high value-added fashion design research and education, textiles design in textiles design field, fashion accessory design, design and color, art fabric, and modern Korean textiles history in traditional textiles field, modern Japanese textile history, Joseon textile history research and education.

<Department of Nutrition & Culinary Science>

The dietary life in the 21st century has grown fast locally and internationally by satisfying social environmental change and demand and requiring talents in leading various dietary life. Nutrition & Culinary Science major aims at fostering specialists and leaders to pioneer creatively and actively dining out industry as well as contributing to recipe field and food nutrition based upon practical academy and education.

Department of Applied Mathematics

It opens 2 year-curriculum master course including algebra, interpreting, geometry, non-linear partial differential equation, applied statistics, probability theory and mathematical physics, applied harmonious interpreting and applied function interpreting.

Department of Business Administration

It aims at fostering global managers who can adapt to the quick change of modern society as well as fostering specialists and top managers leading change and innovation.

Department of Public Administration

Recharging incessant knowledge is a current task in the contemporary era, in particular, necessary to easy-going officials. In addition, task environment in the field of public sector is getting specialized requiring recharge of specialized knowledge in the working field. This major provides field specialized knowledge and raises policy trouble-shooting capacity.

Department of English

It is divided into English Literature Dept. and Media Literary Creation Dept. English Literature Dept. focuses upon cultivating talents with capacity excellent in English Studies, literature, English education theory, etc. Media Literary Creation Dept. educates individualistic and able Literary man and culture industry specialist through exploration and literary creation.

Graduate School of Future Convergence Technology

Major in Plant Fusion Biotechnology

It is an essential future industry technology that manipulates botanic life phenomenon and function targeting at Botanic Genetic Resources, which specializes in basic research exploring genetic function, metabolism and physiological cell biochemistry life phenomenon such as genetic engineering, genomics, biochemistry, molecular biology, cytophysiology, Botanic molecule thremmatology and researches high functioning Botanic plant breeding production using genetic manipulation and academic theory and its applied technology of botanic life engineering.

Major in Animal Fusion Biotechnology

Animal life engineering field focuses upon developing animal productivity improvement and physical conversion livestock production with introduction of foreign genetics and basic research in life phenomenon and disease model animal for the sake of human welfare improvement using various genetic engineering technique, interpreting useful genetic revelation, producing and trouble-shooting nuclear transplantation cloning animal using somatic cell, and pioneer future high-tech field using this outcome to wide range of fields including medicine and pharmacy applying animal ecology environment modulation.

Program of Biomolecular and Chemical Engineering

It aims at cultivating talents who will receive education of bio fusion technology specialization by educating and researching biological adaptation of nano material, high molecule material while applying existing chemical engineering material to biometrics as well as application of biochemistry in the industry, biochemistry, biological chemistry process, renewable bio energy technology using existing chemical engineering while keeping abreast with technology fusion and engineering application trend.

Major in Convergence of Information and Communication Engineering

It operates deep research and education in IT fusion field to cultivate IT Fusion field talents to react to highly knowledge-based ICT(Information, Communication and Technology) society in IT field. To do so, IT, it specializes in field-based ICT Fusion research development capacity based upon mobile and wireless telecommunication, next-generation Internet and multimedia, AI system, AI robots, image, medical system, telecommunication parts, semi-conductor, display, renewable energy, ICT technology and industry business administration infra technology.

Graduate School of Technology

Department of Green Bio Industry

The importance of Green bio industry related to agricultural life resources has been increasing day after day in the situation that weather change requires earth ecological surroundings to change and future agricultural environment to manage environment-friendly industry. The curriculum herein provides bio resource management system, new concept of carbon business administration, weather resource instrumentation, evaluation management system of future agricultural environment resource production, environment-friendly crops production and management, environment-friendly farming area infra system installation, regional environment management, information analysis education of basic analysis data according to weather change, basic genetic and characteristics education of animals and plants.

Department of Plant Engineering

As you see the fact that Korean business occupies more than 70% of overseas plant market, plant industry is paid an attention as a potential leader of construction field. It is expected by the government that by 2025 new market for energy-plant field will emerge with financial size of about 103 trillion won. On the other hand, Korea had a number of plant specialists in the past, however at present, the situation is right the opposite. The Dept. has secured Korea's competitive overseas plant construction industry, while contributing to phenomenon of lack in specialized human resources as a result of overseas construction market expansions.

Department of Children and Family Welfare

Department of Children and Family Welfare aims at cultivating children and family-related specialists in childcare, family consulting, health family support and multi-cultural phenomenon in global international society and childcare and family support specialists by acquiring health family assistance certificate. Social Welfare Dept. specializes in offering professional knowledge in social welfare necessary to human service and trouble-shooting various society problems and provides social worker #2 certificate after graduation.

Department of Sports Science

It aims at exploring theory and practice of rapid environment change in the sports field. In addition, it makes use of academic knowledge and information leisure and sports field, which is based upon fostering more excellent instructors. To do so, it has established more systematic and practical curriculum, consisting of various fields of health improvement, leisure and sports education, sports industry and business administration.

Graduate School of Public Policy

Department of Labor Welfare

The issue of labor welfare policy is an essential indicator of life quality, which is basic and essential task for modern society. Nevertheless, this issue remains still incomplete and labor policy to advance into developed society is being raised continuously. Department of Labor Welfare faces straightforward social change and labor as well as makes students understood about labor welfare and policy theoretically and practically.

Department of Legal Affairs

Department of Legal Affairs pursues of cultivating talents necessary to realizing ideal of democracy, judiciary nation, social national(welfare nation) through systematic and wide legal education. Based upon these education curriculum, presently, alumni are working as police officials, fire station officials, city hall officials and remediation officials.

Department of Educational Administration

Educational Administration connects unit school, local education council, city education council, with administrative systematization of the Ministry of Education to enhance effectiveness of human, materialistic, systematic, and financial support. Department of Educational Administration provides sophisticated insight toward direction of educational administration in light of theory, and practical capacity through actual participation in light of practicality to improve specialty in educational administration.

Department of Global Logistics

Department of Global Logistics aims at cultivating global logistics specialists to lead competitive global business as well as innovating local logistics business in North-east Asia. In the future graduates with theory and industry field adapting capacity will play a major role in leading logistics industry in Korea.

Graduate School of International Development and Cooperation

Department of International Development and Cooperation

Department of International Development and Cooperation prepares for differential education and research infra which can be helpful to leading international role in Korea, focuses upon cultivating local and overseas development and cooperation specialists, various outside support business, which aims at creating surroundings equipped with international academy and practical knowledge.



**HANKYONG
NATIONAL
UNIVERSITY**