HANDONG GLOBAL UNIVERSITY

Why not change the world?
Ideals of Our Education
To train world-changing leaders through intellectual, character, and spiritual education built upon the ideals of Korean Education and a Christian mindset.

To train talented individuals and promote scholarship through high-quality faculty and individual research projects that contribute to the advancement of local communities, nations, and humanity.

Objectives of Our Education
To produce new leaders who change the nation and the world with the Christian spirit, academic excellence, global citizenship, and excellent Christian personality, especially combining honesty and spirit of self-sacrifices.

Vision 2025
Change the World with Love and Wisdom
Handong Global University, on the basis of its identity as a Christian University, will become an epitome of a Glocal University that serves the community, the world, the people, and the humanity through our love and creative wisdom.

Honer Pledge:
1. The people of Handong are responsible for all we do, say, and write.
2. The people of Handong are honest and diligent in our academic and social life.
3. The people of Handong help and serve others humbly.
4. The people of Handong are willing to sacrifice ourselves for others.
5. The people of Handong respect the personal dignity and rights of all members of the community.
6. The people of Handong are careful with university resources and respect the property of others.

“As a Handong Student, I pledge, to myself, my peers, my university, and God, to uphold honesty and integrity throughout my life.”
Come and expect the unexpected

정(情; Jeong):
A word that cannot be expressed in any other language, a word used to express ‘intimacy, warmth, and care’

Team and Residential College System
A true sense of belonging!
Make life-long friends meeting with:
The team professor, Twenty team-mates, and Korean & International mates within the Carmichael Residential College
The World ONE Campus

15% of Freshmen graduated high school abroad
Asia’s First International Law School
-Leading Bar passage rate: 70.39%
-428 lawyers in the U.S. (as of 2019)

60 countries represented (Undergraduate, Graduate, Exchange)
Republic of Korea’s First UNESCO-UNITWIN Host University

One of Ten in the World United Nations Academic Impact Global Hub University
Asia’s First HGUBan Ki-moon Institute for Global Education in support of United Nations Academic Impact

International Engagement
Cooperation with UNESCO
-UNESCO UNITWIN host-university

Cooperation with OECD
-OECD Memorandum of Agreement for Internship Program

Cooperation with UN
-UN Academic Impact
-Designated as UNAI Global Hub
-Registered as UN DPI NGO Organization
-UN NGO Conference host university
-UNAI ASPIRE KOREA
-Opened Ban Ki-Moon Global Institute for Global Citizenship Education

Global Office and International Alliances
-HGU center in Washington D.C., Global America Business Institute
-HGU center in Silicon Valley, INNOobjects
-HGU center in Hebrew University, Israel
-Entrepreneurship Global Center in Kenya, Ghana, and Peru
-LeTourneau University local center in HGU King Sejong Institute Upland (Korean Language Institution by Korean government in Taylor University, USA
-Council for Christian Colleges & Universities (CCCU), USA
-Association of Christian Universities and Colleges in Asia (ACUCA)
-International Association for the Promotion of Christian Higher Education (IAPCHE)
"Handong has given me a home and unforgettable memories and most importantly new beautiful friendships."
Annette Nathaly Reyes (exchange, United States)

"Since my very first day at HGU, I felt like I am a part of a big family as everyone is so welcoming, friendly, and responsive."
Yulia Malygina (full-time, Russia)
100% of courses offered in English
Management, IT, Law, Global Convergence studies

38% of courses offered in English from each department (as of 2019)
Christian University

Handong Global University is a Christian university. Professors, students, and staff all love and care for each other, serving under Christian fellowship. The Christianity of Handong Global University is not limited to Christian courses and the actions of faith. Rather, it is reflected in our genuine and sincere attitudes towards all parts of life. During your four years at Handong, you will be able to meet many compassionate brothers and sisters in Christ.

One In God’s faith

Christian Curriculum (Faith and Worldview, understanding the bible, etc)
Prayer rooms in every building
Worship Services on campus
Religious Programs (English Handong Disciples School, Bible Studies, etc.)

Wednesday Chapels

ONLY IN HGU

06
# Table of Contents

01 Korea, and City of Pohang ........................................ P. 16
02 Figures I Reputation ........................................... P. 22
03 Education Framework of Handong ................................ P. 28
04 Life in Handong I Cost of Living ................................. P. 46
05 Application Procedure ........................................... P. 54
06 Contacts ...................................................................... P. 60
Korea, and City of Pohang
Culture & Technology Hub

Energy Belt
- High-tech based city where various science research institutes in the areas of nuclear technology, automobile, environment, shipbuilding, and robotics and POSCO, the world's 4th largest steel-making company, are located.

Historic and Cultural City
- Cities where their splendid historical culture and architecture still exist are located near Pohang.

Easy access to all major cities such as Seoul and Busan are two and a half hours away.

In and Of Nature
- Lively atmosphere yet boasts beautiful mountains and beaches nearby. HGU campus sits right next to calm neighbor with warm ambience.

DISTANCE FROM POHANG

<table>
<thead>
<tr>
<th>CITY</th>
<th>DISTANCE</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seoul</td>
<td>169 miles</td>
<td>2h 30min (Train)</td>
</tr>
<tr>
<td>Busan</td>
<td>59.9 miles</td>
<td>1h 30min (Car)</td>
</tr>
<tr>
<td>Daegu</td>
<td>42.7 miles</td>
<td>30min (Train)</td>
</tr>
<tr>
<td>Jeju</td>
<td>236 miles</td>
<td>50min (Airplane)</td>
</tr>
</tbody>
</table>

BEYOND REPUBLIC OF KOREA

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>5min</td>
</tr>
<tr>
<td>China</td>
<td>2 hours</td>
</tr>
<tr>
<td>Russia</td>
<td>3 hours</td>
</tr>
<tr>
<td>Thailand</td>
<td>5h 30min</td>
</tr>
</tbody>
</table>

COUNTRY REPUBLIC OF KOREA

<table>
<thead>
<tr>
<th>Country Name</th>
<th>Republic of Korea</th>
<th>Capital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Area</td>
<td>Rep. of Korea : 100,188.1km²</td>
<td>Seoul</td>
</tr>
<tr>
<td>Population</td>
<td>Rep. of Korea : 51,845,612</td>
<td>Pohang : 509,964</td>
</tr>
<tr>
<td>GDP</td>
<td>USD 16,932 Billion</td>
<td>Deang : 18.9%</td>
</tr>
<tr>
<td>Students'</td>
<td>Seoul : 30.7%</td>
<td>Daegu : 10.9%</td>
</tr>
<tr>
<td>City of Origin</td>
<td>Busan : 12%</td>
<td>Abroad : 15%</td>
</tr>
</tbody>
</table>
Experience

the Change

STUDY

IN KOREA
Quick Look at POHANG

A City of the Surf

Calm yet Vibrant

In and Of Nature

Peace in the Calm

Easy Access to ALL
Despite its short history since 1995, HGU has become one of the leading private universities, recognized within both the Republic of Korea and the World.

- **Undergraduate + Graduate Enrollment:** 5,531
- **International Students (Undergraduate + Graduate + Language):** 306
- **Foreign Countries Represented:** 52
- **Foreign Faculty ratio:** 21.1%
- **2018 Average Korean SAT score for HGU applicants:** 91.2%
- **Graduated high-school overseas:** 15%
- **Average number of courses in English:** 41.2%
- **Dorm capacity for exchange students:** 100%

**Selected Government project**

- **2006**
  - "The Innovation Competency Enhancement Project of University PKC (Platform for Competence)" by the Ministry of Education
  - "Science and Engineering Convergence Research Center Support Project" by the Ministry of Science and Technology
  - "Korea-UNDP National Project" by the UNDP
  - "The Engineering Innovation Center Project" by the Ministry of Commerce, Industry and Energy

- **2007**
  - "2007 Program for the Advancement of College Education (ACE Project)" by the Ministry of Education and Science Technology

- **2008**
  - "Leaders in Industry-University Cooperation (LINC) Development Project" by the Ministry of Education
  - "University Creation Employment Center Operating University" by the Ministry of Employment and Labor

- **2009**
  - "Operating University for Regional Center for Gyeongsang Province Education Donation" (5 consecutive years, 2009-2013)

- **2010**
  - "Program for Industrial Needs-Matched Education (PRIME) Project" by the Ministry of Education

- **2011**
  - "Leaders in Industry-University Cooperation (LINC) Development Project" by the Ministry of Education

- **2012**
  - "Operating University for Reunification Education Project" by the Ministry of Unification

- **2013**
  - "Operating University for Reunification Education Project" by the Ministry of Unification

- **2014**
  - "Operating University for Reunification Education Project" by the Ministry of Unification
  - "Leaders in Industry-University Cooperation (LINC) Development Project" by the Ministry of Education

- **2015**
  - "Operating University for Reunification Education Project" by the Ministry of Unification
  - "Leaders in Industry-University Cooperation (LINC) Development Project" by the Ministry of Education
Global Lookout, Global Education

"We have become a university recognized both domestically and internationally for our academic excellence, cherishing each individual with God’s love and continuously implementing educational reforms."

1995 | Establishment and 1st Admission of Freshmen (Admission of the top 10% of Korean students)
1996 | Selected as Outstanding University on Education Reform supervised by the Ministry of Education (three consecutive years)
1998 | Establishment of Graduate School
2000 | Establishment of International Law School (Asia’s First American-style Law School)
2002 | Selected as Outstanding University in Development Project of Universities in Provinces by the Ministry of Education for two consecutive years (2002~2003)
2003 | The Innovation-Competency Enhancement Project of Universities in Provinces [Large] by the Ministry of Education
2006 | The Science and Engineering Convergence Education Research Center Support Project by the Ministry of Science and Technology
2007 | Selected as a Host University for UNESCO UNITWIN
• The Korea-UNDP National Project by the UNDP, Ministry of Science and Technology
• The Engineering Education Innovation Center Support Project by the Ministry of Commerce, Industry, and Energy
2008 | Internship Agreement signed between OECD-HGU
2009 | Became a member of United Nations Academic Impact (UNA)
2010 | '2010 Advancement of College Education Project (ACE Project)' by the Ministry of Education and Science Technology
2011 | Designated as an UNA Global Hub University
2012 | 'Engineering Education Innovation Center Support Project' by the Ministry of Education and Science Technology
• A Leading School in Admission Officer Support Project' by the Ministry of Education and Science Technology (4 consecutive years: 2009~2012)
2013 | 'Admission-Officer Competency Enhancement Support Project’ (Cooperative-Oriented University) by the Ministry of Education
• Outstanding Individual Development University Education Competency Enhancement Project by the Ministry of Education (5 consecutive years: 2008~2013)
2014 | ‘2 Projects in University Specialization Projects’ by the Ministry of Education & National Research Foundation of Korea 2015
• Program for Industrial Needs-Matched Education (PRIME) by the Ministry of Education
• Leaders in Industry-University Cooperation (LINC) Development Project’ by the Ministry of Education
• Advancement of College Education (ACE+) Development Project’ by the Ministry of Education
2015 | Acquired top ranking (Grade A) in the 2015 Evaluation of University Structural Reform’
• Became a UNDP NGO
• Administered the 66th UNDP/NGO Conference in Gyeongju
• International Education Quality Assurance System (IEQAS) for 4 consecutive years
• Winner of Republic of Korea Character Education Award from the Ministry of Education / Ministry of Gender Equality and Family / Korea JoongAng Daily
• Winner of The Fourth Annual Republic of Korea Education Donation Award from the Ministry of Education / The Korea Foundation for the Advancement of Science and Creativity
2016 | Program for Industrial Needs Matched Education (PRIME) Project’ by the Ministry of Education
• Women in Engineering Undergraduate Leading Program (WE-UP) Project’ by the Ministry of Education & National Research Foundation of Korea
• University Creation Employment Center Operating University by the Ministry of Employment and Labor
2017 | Software (SW) Oriented University Support Project’ by the Ministry of Science, ICT and Future Planning
• Korea-Massive Open Online Course (K-MOOC) Support Project by the Ministry of Education & National Institute for Lifelong Education
• Leaders in Industry-University Cooperation (LINC) Development Project’ by the Ministry of Education 2018
• Operating Institute for ‘Regional Center for Gyeongsang Province Education Donation’ (5 consecutive years: 2014~2018)
• Contributing University in Normalization of High School Education Support Project by the Ministry of Education (5 consecutive years, 2016~2018)
2018 | Selected as Autonomous Enhancement University’ in the Assessment for Fundamental Competency of Universities supervised by the Ministry of Education
• Winner of The 7th Annual Republic of Korea Education Donation Award’ from the Ministry of Education / The Korea Foundation for the Advancement of Science and Creativity
• Recipient of Outstanding Counseling Institution Award (Program Field)’ by CCOUS
2019 | Selected as an ‘Outstanding Individual Development University Education Competency Enhancement Project’ by the Ministry of Education
• Operating HGU Ban Ki-moon Institute for Global Education in support of United Nations Academic Impact
• Established Sejong Institute at Taylor University in the US, specializing in Korean Language and Korean Culture by the Sejong Institute Foundation under the Ministry of Culture, Sports and Tourism
Handong Global University

Reputation/Ranking in the World

UN (United Nations)

• First University designated as a NGO by the United Nations Department of Public Information
  UN DPI promotes peace and development of mankind by informing the world of UN’s ideals and activities and cooperating with various stakeholders. As Korea’s first NGO registered institution, HGU actively promotes major UN issues and addresses joint challenges such as human trafficking and sustainable energy.

UNAI (UNAI: United Nations Academic Impact)

• UN Academic Impact Global Hub for Capacity-Building in Higher Education
  UNAI is a worldwide university campaign program to address poverty, health, and environmental problems. World’s leading institutions of higher education and organizations form partnerships in this international movement of the United Nations. Since 2009, HGU has been a member university to contribute to areas such as human rights, literacy, sustainable development, and dispute resolution.

• NGO associated with the United Nations Department of Public Information

• UN Depository Library

UNESCO (United Nations Educational, Scientific and Cultural Organization)

• Republic of Korea’s First UNITWIN (University Twinning and Networking) Program Host University
  Since Handong Global University’s designation as Korea’s first UNITWIN supervising university in 2007, it has provided quality education programs to about 23,000 government officials, professors, university students, entrepreneurs and village leaders in developing countries to promote social and economic development in those countries, contributing to achieving SDGs (Sustainable Development Goals).

OECD (Organization for Economic Co-operation and Development)

• Republic of Korea’s First Partner University for Internship Program (Headquarter in Paris)
  Handong Global University is the first Korean University to send a student intern to the OECD headquarters in Paris, France. The OECD Intern Program is an official agreement with the OECD that provides students with an opportunity to intern at the OECD headquarters in Paris, France. Interns can work in multi-cultural working environments with teams of highly qualified professionals from various departments.

Reputation/Ranking in the Republic of Korea

‘A’ Ranking, University ranking evaluated by the Ministry of Education (highest category) (2015-)

Best Awards in Character Education by the Ministry of Education (2015)

International Education Quality Assurance System since 2015 (Institution accreditation valid by the Ministry of Education)

Student Satisfaction = Retention Rates:
• #1 ranking amongst private universities in South Korea
• #2 ranking amongst whole universities in South Korea (2017)

‘Excellent Natural Science and Engineering University’
By Korea Economy Natural Science and Engineering University Evaluation (2018)

Best Awards in Donation through Education by the Ministry of Education (2015, 2018)

#1 ranking amongst private universities for Beneficiary rate of ‘National Excellence Scholarship for Science and Engineering’ provided to talented students in Science and Engineering field by the government (2016)

Asia’s First International Law School
• U.S. law-school curriculum
• The largest U.S.-trained law faculty in Asia (12:1 student-faculty ratio)
• All graduates have qualified for U.S. bar examinations; Leading Bar passage rate (70.39%, as of 2019)
HGU has a ‘uniqueness’ like no other. It is the first university in Korea to implement ‘Admissions with Undeclared Majors’ and a ‘Multi-Disciplinary Department Policy’ which combines adjacent fields of studies; it has an unsupervised testing system, an Honor Code that commits to living in integrity, community services, charitable projects, OECD Student Internships and UNAI Cooperation with the international community. All of these innovations and programs are designed to help students become pro-active members of the international community.

Our University’s educational goal is defined as ‘Producing a new leader who transforms the nation and the world with Christian spirit, academic excellence, world citizenship, outstanding Christian character, and a spirit of sacrifice of honesty and service’. Through these educational goals, our university seeks a student with a ‘T’ shaped characteristic, with major, global, and creative competence based on an upright character and value.
Academics

Department

- About 40% of courses are offered in English
- All courses from every department are available to exchange & visiting students.

Global Leadership School (Electives courses)
- US & International Law (100% Eng)
- Global Management (100% Eng)
- Management
- Economics
- Global Management (100% Eng)

International Area
- English
- Construction Engineering
- Urban & Environmental Engineering
- Media Information Communication
- Performance and Film Arts

Life Science
- Mechanical Engineering
- Electronic Control
- Engineering
- Product Design
- Visual Communication Design

Global Leadership School
- Computer Sciences
- Electrical Engineering
- Information Technology (100% Eng)
- Accreditation Board for Engineering Education of Korea (ABEEK) System

Global Convergence Studies
- Student-Designed Convergence Studies
- Global Korean Studies
- Global Innovation

Media Information Communication
- Performance and Film Arts

On-Site Creative Convergence Education

“DESIGN YOURSELF”
IN HANDONG GLOBAL UNIVERSITY

Admissions with Undeclared Majors

Multi-Disciplinary Department Policy (Double Majors)

Students choose majors in their sophomore year after exploring their aptitudes during their freshman year. Students are able to flexibly change their majors after their sophomore year.

Create a Synergistic effect by double-majoring in related fields. Cross-department double majoring empowers students for future career planning.

Students can combine 16 departments and over 200 classes to create their own convergence major. It breaks down interdisciplinary boundaries such as humanities, sociology, business administration, natural science and engineering, and adds practice to theoretical foundations to provide experience in convergence studies.

On-Site Creative Convergence Education

Multi-Disciplinary Department Policy (Double Majors)

Students choose majors in their sophomore year after exploring their aptitudes during their freshman year. Students are able to flexibly change their majors after their sophomore year.

Create a Synergistic effect by double-majoring in related fields. Cross-department double majoring empowers students for future career planning.

Students can combine 16 departments and over 200 classes to create their own convergence major. It breaks down interdisciplinary boundaries such as humanities, sociology, business administration, natural science and engineering, and adds practice to theoretical foundations to provide experience in convergence studies.
Study Programs

GLS
Major in which all Freshmen will be assigned to with the policy of undeclared majors. One can freely choose to take Basic Course for Major and Elective Classes.

Global Leadership School
Admission without department and major that discovers student-self. All students are admitted with undeclared majors to help discover their own academic path. Freshmen have time to explore major and learn essential basics, and select their major(s) at the beginning of second year regardless of high schools, majors, and departments. Double-major is essential for HGU students. They are able to choose majors from different departments except some special cases. Through double-major, students can demonstrate inner-potential power by fusion of various studies.

100% English Courses

School of Management and Economics
Management
Management major studies in financial accounting, marketing, management information systems, production management, and personnel management. Namely, public enterprises/government organizations, management support, finance, social firms, NGOs, etc.

Economics
In Economics, students learn how to contemplate over what is the most rational decision to make, in a sea of available decisions. 
Career: Government organizations, public enterprises/government organizations, finance, social firms, NGOs, Economic institutes etc.

Global Management
Global Management a management major offered in 100% English. Educate students as experts who can contribute to improving mankind’s economic welfare through effective corporate activities in a global management environment. Students cultivate competent talents to play an important role in the global arena, foster skilled talents about both creativity and insights.

School of Law
Korean Law
Korean Law can be divided into two types: public and private. It is all about the law in Korea includes legal norms, and how to deal with relationship between people.
Career: Law school, government organization, civil serve examination, etc.

US and International Law
ULL major is the one of best degree course for American Law/ international law majors currently offered in Korea universities, and all of its courses are offered in 100% English. Students of ULL will take courses dealing with US’ Constitutional Law, contract law, criminal law, legal procedures, fundamental law, the philosophy of law, and all of which lay the foundation for the ideological basis of law. Finally, students will acquire knowledge that will assist them in achieving overall understanding of International Law.
Career: Law school foreign firms, patent corporations, etc.

School of Computer Science and Electrical Engineering

Computer Science
Computer Science develops and researches on all technologies related to computer including programming, designing, implementing, SW R&D, IT, and application fusion system. 
Career: Various industries including IT area, artificial intelligence, big data, Internet of Things, smart car/ drones, robots, etc.

Electrical Engineering
Electrical Engineering is a study of kinetic phenomenon of free electron in matters and application techniques as a base engineering study that leads almost all industries. 
Career: Various industries including embedded / mobile, nanotechnology, biotechnology, biomedical engineering, IT technology, ubiquitous technology, intelligent robot, etc.

Global Convergence Studies
The major students design their own new and creative major with combination of 3 or more. 
Global Convergence Studies are designed to flexibly respond social demand. Academic advisor gives a support through 1:1 mentoring for designing major. Also, because the major curriculum construction is 100% English course, international students or overseas Korean students can easily challenge designing this major. Studying in this major allows students to discover their aptitudes and potentials and to engage them in creative majors, providing opportunities to expand their majors in various fields.

Global Entrepreneurship and ICT

Global Entrepreneurship
GE focuses on competencies of entrepreneurship, market/problem analysis, project planning and business development.

ICT Convergence Studies
ICT convergence educates for growing knowledge/information services planners and ICT based analysts. 
Major areas : big data, modeling and simulation, human-computer interaction, visual media.

Enterprise Development & System Engineering
Trains students to plan/develop new product and service through educate start-up mindset, base knowledge, and technology.

School of Life Science

Life Science
Life Sciences explore the nature of life and the functions of life-related phenomena or creatures in nature, and contribute to various aspects of human welfare.
Career: Graduate schools of Life Sciences, doctor, bio-technology companies, pharmaceutical companies, researchers, etc.

Information Technology
IT major is Computer Science major offered in 100% English. Train foster human resources who specialize in IT sector and promote national competitiveness in the Information era of the 21st century, and play an important role in the international area. IT education is based on English for globalization, and acquisition of broad background knowledge through affiliated major.

School of Global Entrepreneurship and ICT
Global Entrepreneurship
GE focuses on competencies of entrepreneurship, market/problem analysis, project planning and business development.

ICT Convergence Studies
ICT convergence educates for growing knowledge/information services planners and ICT based analysts. 
Major areas : big data, modeling and simulation, human-computer interaction, visual media.

Enterprise Development & System Engineering
Trains students to plan/develop new product and service through educate start-up mindset, base knowledge, and technology.
School of Contents Convergence Design

Product Design
UI & UX design and product design areas, and the project class will help grow the design capability of students as a designer collaborating with people through solving problems.
Career: User experience (UX) & user interface (UI) designer, graphic designer, product designer, editing designer, etc.

Visual Communication Design
In a visual design major, students study advertising, editing, graphic design, brand design and public design that make up most of the 21st century design.
Career: Design specialized company, enterprise institute, IT industry, game, entertainment industry, etc.

School of International Studies, Languages and Literature

International Area Studies
International studies examine relationship between nations of the world. Area studies explore politics, economics, culture, and various characteristics of area/international organizations, NGOs, foreign companies, government, etc.

English
English major builds up thinking skills and academic foundation through the areas of linguistics and English literature. In addition, trains translation, interpretation, and TESOL.
Career: Translator, interpreter, international organizations, NGOs, educational institution, a myriad of companies, etc.

School of Communication Arts and Science

Media Information Communication
Major examines encompasses journalism, advertisement, public relations, broadcasting, and culture. Journalist, producers, announcer, advertising, public relations agencies, general businesses, etc.

Performance and Film Arts
This major equips students for designing and producing a variety of content and instructs how to leave good influence through performance and film.
Career: Director, planner, actor, and writer, voice actor, performance firms, etc.

School of Counseling Psychology and Social Welfare

Counseling Psychology
This major includes child and youth counseling, counseling for the elderly, career counseling, developmental psychology, personality and learning psychology.
Career: Counseling facility, mental therapist, school counselors, etc.

Social Welfare
Social Welfare major trains expert who is in charge of helping victims of various societal and personal problems by using the professional knowledge of social welfare.
Career: Social worker, work in social welfare center, NGOs, government organization, public institution, etc.

School of Spatial Environment System Engineering

Construction Engineering
The major is designated to provide architectural specialization, and learn about environmental engineering and basic engineering.
Career: Architects, urban planners and designer, civil engineers, contractors, water resources, etc.

Urban and Environmental Engineering
This major teaches urban planning and design, land use planning, urban structure, housing and residence, environmental impact assessments, and ecological environment engineering.
Career: Architects, urban planners and designer, civil engineers, contractors, water resources, etc.

School of Mechanical and Control Engineering

Mechanical Engineering
Mechanical Engineering is study of the physical principles associated with problems such as the design, structure, and mechanical properties of mechanical devices.
Career: Various industries including shipbuilding, machine tools, plant, energy, steel, automotive, aerospace, factory automation, robotics, etc.

Electronic Control Engineering
A field of study that covers mathematical principles of mechanical and electrical systems, the design of systems, and the usage of the system’s information and signal processing.
Career: Various industries including shipbuilding, machine tools, plant, energy, steel, automotive, aerospace, factory automation, robotics, etc.

School of Creative Convergence Education

Global Innovation
Global Innovation students solve various special and global problems by adding ICT competency and International Studies. Anyone can apply as a second major.

Global Korean Studies
Global Korean Studies course is designed to help students to gain a holistic understanding of Korean studies by learning Korean humanities (language, literature, philosophy, history) and social science (politics, economy, society and culture) as well as Korean language teachers Certification program for international students. International students can take it as the first major or the second major. Every Korean-related fields that all the countries need.

TEP (Teacher Education Program)
TEP aims to educate Christian teachers and education experts who will lead the recovery and transformation of genuine education in various educational fields. TEP graduates will receive Association of Christian Schools International (ACSI) Christian School Teacher Certification upon graduation.

Mathematics and Statistics (To be announced)
This major offers a Bachelor of Science in Mathematics and Statistics. Mathematics and Statistics major provides students with a thorough grounding in statistical ideas, skills valued by employers, and opportunities for advanced study.
List of Courses Taught in English

Global Leadership School

Spring Semester
- Introduction to Programming
- Introduction to ICT Application
- Introduction to Philosophy
- Introduction to Sociology
- English Pre-Course 1
- English Composition
- English Foundation
- English Communication
- English Reading and Composition
- EAP-Engineering
- EAP-Life Science
- EAP-Management and Economics
- EAP-Counselling Psychology and Social Welfare
- EAP-Communication Arts and Science
- EAP-Contents Convergence Design
- EAP-International Studies and Law
- EAP-Information Technology
- EAP-Humanities
- Essentials of English Communication
- English Chapel 1
- Common Readings
- Creation and Evolution
- Handong Character-Building
- Studies of Korean History
- Differential Equations and Applications
- General Biology
- Creative Problem Solving Leadership
- Calculus 1
- Practice of Church Music
- Introduction to Korean Studies
- Understanding Korean Social Structure and Culture
- Towards a Christian Worldview
- Special Topics in Christian Studies
- Integrative Study on Learning and Faith 1
- Understanding History of Church
- Human Relationship & Self Growth
- Introduction to Studies in Education
- Understanding the Bible
- Understanding Christianity
- Christianity and Modern thoughts
- Philosophy of Science and Technology
- Contemporary Society and Woman
- Special Lecture
- Web Programming

Fall Semester
- Web Programming
- Python Programming
- English Pre-Course 2
- English Foundation
- English Communication
- English Reading and Composition
- Data collection and application
- Advanced English Composition
- EAP-Engineering
- EAP-Management and Economics
- EAP-Counselling Psychology and Social Welfare
- EAP-Communication Arts and Science
- EAP-Contents Convergence Design
- EAP-International Studies and Law
- EAP-Information Technology
- EAP-Humanities
- Essentials of English Communication
- English Chapel 1
- Common Readings
- Creation and Evolution
- Handong Character-Building
- Introduction to Philosophy
- Studies of Korean History
- Introduction to Sociology
- Differential Equations and Applications
- General Biology
- General Chemistry
- Engineering Mathematics
- Linear Algebra
- Calculus 2
- Practice of Church Music
- Introduction to Korean Studies
- Globalization and Korean Popular Culture
- Towards a Christian Worldview
- Special Topics in Christian Studies
- Integrative Study on Learning and Faith 1
- Understanding History of Church
- Human Relationship & Self Growth
- Introduction to Studies in Education
- Engineering, Faith, Ethics
- Mission Perspective
- Understanding the Bible
- Understanding Christianity
- Christian Apologetics
- Christianity and Modern thoughts
- Special Lecture 2
- Introduction to Programming

School of Creative Convergence Education

Spring Semester
- Mathematical analysis
- Numerical analysis
- Educational Psychology
- Vision, Work and Calling
- Curriculum for Education and Evaluation (Honesty, Integrity & Responsibility: Ethics and Global Citizenship)
- Universally Visible and Transcendent World View for Global Citizenship
- Networking for Our Future Survival: Sustainable Development and Environment
- Education for Global Citizenship
- Philosophy of Christian Education
- Vision, Work and Calling
- Ethics and Global Citizenship
- Honesty, Integrity & Responsibility: Ethics and Global Citizenship
- International Negotiation
- Special Topics in TESOL
- Culture and Literature in the Global Context
- Introduction to International Relations
- TESOL Methodology
- English Speech
- Themes in Drama
- Capstone Design
- Senior Seminar
- Understanding Literature: Reading, Reacting, Writing
- Mass Media and Society
- Media & Cultural Diversity
- Introduction to TESOL
- Communication Theories
- Dramatic Form and Structure
- Historical, Cultural, and Social Context
- Drama
- Introduction to Journalism
- Movie Criticism

Fall Semester
- Philosophy of Christian Education
- Mutual Collaboration for Sustainable Prosperity: Breeding Empathy for Global Citizenship
- Advancement of Capacity Building: For Global Citizenship
- Universal Visible and Transcendent World View for Global Citizenship
- Networking for Our Future Survival: Sustainable Development and Environment
- Education for Global Citizenship
- Philosophy of Christian Education
- Vision, Work and Calling
- Ethics and Global Citizenship
- Honesty, Integrity & Responsibility: Ethics and Global Citizenship
- International Negotiation
- Special Topics in TESOL
- Culture and Literature in the Global Context
- Introduction to International Relations
- TESOL Methodology
- English Speech
- Themes in Drama
- Capstone Design
- Senior Seminar

School of Communication Arts and Science

Spring Semester
- Communication Theories
- Mass Media and Society
- Dramatic Form and Structure
- Media & Cultural Diversity
- Cinema History
- Communication Theories
- Dramatic Form and Structure
- Historical, Cultural, and Social Context
- Drama
- Introduction to Journalism
- Movie Criticism

Fall Semester
- Communication Theories
- Mass Media and Society
- Survey in Theatre & Drama
- Introduction to Journalism
- Movie Criticism

Subject to change (as of 2019)
List of Courses Taught in English

(as of 2019) Subject to change

School of Management and Economics

Spring Semester
- Introduction to Management
- Microeconomics
- Marketing
- Capstone Design
- Advanced Microeconomics
- Technological Innovation & Business Application
- PVision & Career Development II
- Statistics for Economics and Management
- Mathematics for Economics
- Management Information Systems
- Labor Economics
- Theory of Games and Information
- Geography and Urban Economics
- Quantitative Analysis for Management
- Production and Operations Management
- Cost & Management Accounting
- Intermediate Accounting I
- Human Resource Management
- Stewardship and Personal Finance
- Business Strategy
- International Business

School of Law

Spring Semester
- Legal Research and Writing
- Liberty•Justice•Peace•Law I
- U.S. and International Business Law
- International Human Rights Law
- Korean Law & Legal System
- US Constitutional Law
- US Criminal Law and Procedure
- US Torts
- International Economic Law
- Survey of American Law
- Intellectual Property Law
- Legal Negotiation
- Justice Readings in Moral & Political Philosophy
- Individual Study I

Fall Semester
- Legal Argumentation
- Legal Research and Writing
- International Child Law and Development
- Advanced International Law Seminar
- Survey of American Law
- American Legal Theory
- International Human Rights Law
- Law & Development
- Comparative Legal Systems
- Law and Contemporary Issues
- Special Topics in UIL

School of Counseling Psychology And Social Welfare

Spring Semester
- Introduction to Psychology
- Personality Psychology
- Social Problems
- Family Counseling
- Social Welfare Policy
- Abnormal Psychology
- Statistics in Social Welfare
- Program Development and Evaluation for Social Welfare
- Social Welfare Policy

Fall Semester
- Introduction to Psychology
- Theory & Practice of Counseling
- Developmental Psychology
- Psychology of Cognition
- History of Social Welfare
- Counseling Practicum I (LAB)
- Child Welfare
- Psychological Testing
- Career Counseling
- Social Welfare Administration
- Research Methods in Social Welfare
- Psychological Seminar

School of Life Science

Spring Semester
- Physiology
- Systems Biology
- Bio Data Analytics
- Immunology
- Genetics
- Molecular Biology

Fall Semester
- Cell Biology
- Developmental Biology

School of Global Entrepreneurship and ICT

Spring Semester
- Data Science
- Introduction to Global Entrepreneurship
- 3D Digital Content Production
- Business, Culture and Spirituality
- Technology Commercialization
- Human Computer Interaction
- ICT Application Development
- Field Practicum
- Big Data Analysis
- System Engineering

Fall Semester
- Introduction to Global Entrepreneurship
- Entrepreneurial English Communication
- Programming II
- Data Management and Application
- Human Factors and Ergonomics
- ICT Engineering Mathematics
- Field Practicum
- Information Visualization
- Special Topic of ICT Convergence
- Capstone Design 2

School of Computer Science and Electrical Engineering

Spring Semester
- Open Source Software
- Circuit Theory I
- Semiconductor Physics
- Principles of Communication
- Electronic Circuits 1
# List of Courses Taught in English

(as of 2019)
Subject to change

## Fall Semester
- C-Programming (CSEE)
- C Programming Laboratories
- Introduction to Engineering Design
- Web Service Development
- Computer Vision
- Electromagnetic
- Digital System Design
- Automatic Control Systems
- Probability and random processes
- Semiconductor Processing and Nano Technology
- Machine Learning
- Special Topic 1
- Discrete Mathematics
- Programming Language Theory
- Web Development Programming
- Computer Architecture and Organization

## School of Mechanical and Control Engineering

### Spring Semester
- Statics
- Electric Circuit Lab
- Heat Transfer
- Capstone
- Bionic and Biological System Engineering
- CAE Mechanical Design Analysis
- Combustion and Engine
- Post-Capstone
- Power Electronics
- Digital Control and Signal Processing

### Fall Semester
- Machine Vision
- Embedded Controller 1
- Thermal Hydraulic Experiment
- Mechanical Engineering Experiments
- Measurement and Instrumentation
- Capstone
- Integrated Design Production Engineering
- Power Electronics
- Modern Control Theory and Applications
- Energy Plant Engineering
- Post-Capstone
- Human Robotics
- Field Research & Development

## School of Spatial Environment System Engineering

### Spring Semester
- Mechanics of Materials
- Drafting and CAD
- Fluid Mechanics
- Architectural Design Studio 2
- Soil Mechanics and Engineering
- Spatial Numerical Analysis
- Environmental Ecological Engineering 1
- Land Use Planning and Development
- Urban Planning and Design Lab.
- Architecture Design Studio 3
- Environmental Impact Assessment

### Fall Semester
- Drafting and CAD
- Structural Analysis
- Reinforced Concrete Engineering
- Geotechnical Foundation Engineering
- Environmental Ecological Engineering 2
- Theory of Urban Structure
- Numerical Modeling for Scientists and Engineers
- Theory of Housing and Habitation
- Site Planning and Design
- Vibrations and Waves

## School of Contents Convergence Design

### Spring Semester
- Fundamentals of Visual Communication Design
- Color Theory and Industrial Color
- Typography Design 1
- Computer Graphic Design 1
- Presentation Technique 1

### Fall Semester
- Presentation Technique 2
- Drawing Basics 2
- Product Design Fundamentals 2
- Editorial Design
- Design Studio 2
**Academic Excellence**

**Handong RPM Start-up Contest (Entrepreneurship)**
Challenging students to present innovative ideas through contest. The finalists will be awarded with a trip to either Silicon Valley or Israel for an advanced startup experience.

**Independent Self-Guided Study Semester (First university in Korea)**
Performing various activities related to their career and vision, developing their creativity and problem solving skills, instead of taking courses on campus.

**Capstone Design**
A program in which undergraduates design, plan and produce their own work that the society and business needs. Some students have presented SCI-level papers and won various contests through this.

---

**Credits system (US Credit system)**

"Course Credits = teaching hours = 2.5 hours per week = 3 credits for one course"
- Course Credits are based on the amount of teaching hours. One course is normally 3 credits which is 2.5 hours of class time per week.
- Courses are usually held on one of three categories of days: Monday and Thursday, Tuesday and Friday, and Wednesday.

**The Calculation for the ECTS (Credit system)**

"3 Credits = 5-6 ECTS" (depends on Home institution) Normally, 3 credits in HGU correspond to 5-6 ECTS in European Higher Education. However, the credit conversion depends on the home institution’s policy. Please inquire about the policy to your home institution coordinator directly for the most accurate information.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>95-100%</td>
</tr>
<tr>
<td>A0</td>
<td>90-94%</td>
</tr>
<tr>
<td>B+</td>
<td>85-89%</td>
</tr>
<tr>
<td>B0</td>
<td>80-84%</td>
</tr>
<tr>
<td>C+</td>
<td>75-79%</td>
</tr>
<tr>
<td>C0</td>
<td>70-74%</td>
</tr>
<tr>
<td>D+</td>
<td>65-69%</td>
</tr>
<tr>
<td>DO</td>
<td>60-64%</td>
</tr>
<tr>
<td>F</td>
<td>0-59%</td>
</tr>
<tr>
<td>P</td>
<td>PASS</td>
</tr>
<tr>
<td>PF</td>
<td>Pass with Distinction</td>
</tr>
</tbody>
</table>

* Grade
GLOBAL CITIZENSHIP EDUCATION

IGE provides a new educational paradigm of Globally Responsible and Advanced Citizenship Education (GRACE) for sustainable peace and prosperity in the 21st Century. Based on its core educational philosophy of “H.U.M.A.N.E.” Education, IGE empowers learners to set right values and attitudes to learn professional problem-solving skills and practice behavioral capacities to solve global challenges in the era of UN Sustainable Development Goals (SDGs).

The GRACE School at IGE offers a Holistic Global Citizenship Program (HGCP), a certificate program in Holistic Global Citizenship with 18 credits.

- Honesty, Integrity & Responsibility: Ethics and Global Citizenship (3 credits)
- Universally Visible and Transcendent Worldview for Global Citizenship (3 credits)
- Mutual Collaboration for Sustainable Prosperity: Breeding Empathy for Global Citizenship (3 credits)
- Advancement of Capacity Building for Global Citizenship (3 credits)
- Networking for Our Future Survival: Sustainable Development and Environment (3 credits)
- Education for Global Citizenship (3 credits)

Inquiry: ige.handong.edu

HANDONG INTERNATIONAL LAW SCHOOL

Founder: Dr. Lynn Buzzard
(Former Executive Director of the Christian Legal Society, Former Chairman of the Board, Advocates International)

The Spirit of Handong International Law School joined together through worship and focused on how law relates to Jesus Christ, graduate law students drawn from dozens of countries study at HILS following a U.S. law-school curriculum emphasizing skills for global practice.

WHY HILS? Top 10 Reasons to Study at HILS

1. Unique Christian legal curriculum and community
2. Focused on preparing students for global practice
3. The largest U.S. law faculty in Asia (1:2 student-faculty ratio)
4. Legal internships & externships in Korea and throughout Asia, Europe, and N. America
5. Law and development programs in Asia
6. Unique law school life integrating Christian worship, discipleship and study
7. Careers in multi-national corporations, law firms, NGOs, governments, and international organizations
8. Most affordable tuition rate for international/U.S law study
9. International student body drawn from dozens of countries
10. All graduates have qualified for U.S. bar exams; leading bar passage rate

ACADEMICS & CURRICULUM

U.S. and INT’L Law in Asia

To prepare students for international practice, HILS offers demanding courses on U.S. and international law as well as professional skills.

U.S SUBSTANTIVE LAW
- Civil Procedure
- Constitutional Law
- Contracts
- Criminal Law
- Evidence
- Property
- Torts

INTERNATIONAL LAW
- Public and Private Int’l Law
- Int’l Commercial Law
- Int’l Human Rights
- Int’l Litigation
- Int’l Economic Law
- Int’l Commercial Arbitration
- Int’l Children’s Law
- Int’l Business Crimes
- Int’l Intellectual Property
- Int’l Environmental Law
- Int’l Taxation
- Int’l Bankruptcy
- Int’l Trade Law
- Int’l Competition Law
- Int’l Corporate and Finance Law and Practice

SPECIAL FOCUS
- Christianity and Law
- Corporate Law
- Sports and Entertainment Law
- Immigration Law
- Family Law
- Environmental Law
- Foreign Investment to the United States
- Patents
- Wills and Trusts
- Bankruptcy

SKILLS COURSES
- Legal Research and Writing
- Pre-Trial Litigation Skills
- Trial Practice and Oral Advocacy
- Contract Drafting
- Legal Translation
- Negotiation
- Patent Prosecution
04 Life in HGU

• True Sense of Belonging
• Christianity
• Honesty and Integrity
• Family-like Community

"My two semester stay in Handong was one of the best experiences of my life and I would like to encourage anyone to come."
Klara Zuntova
(exchange, Czech Republic)

"As a full-time student at Handong, I have been everyday touched and encouraged by its culture and the nice people around me. I am determined to live out Handong’s spirit in my entire life."
Wang Jia Nan
(full-time, China)

"The opportunity of studying in Handong has given me a huge impression of the people, spirit and the environment here. I want to introduce Handong and its spirit "Why Not Change the World" in Finland, Vietnam and everywhere I go."
Le Bui Ngoc Anh
(exchange, Vietnam)

"My experience was way better than I expected. I want to share this story about Handong and want to encourage people to accept the challenge."
Willem den Hertog
(exchange, Netherlands)

"Handong is my part of home away from home, giving me the most special memories in my college life, and helping me to grow not just only with full of knowledge, the most important part; Be a good Christian for change this world."
Christian Octavio Ayllón Cardenas
(exchange, Peru)

"It was an blessing to have this opportunity and every preparation that went into it was worth the investment. Thanks to this experience, I now have a better understanding of who I am and a better appreciation for my Korean-American background."
Lydia Kim
(exchange, USA)
International House

Handong Global University’s International House is a dormitory designed specifically to cultivate students with global minds. Many students with vastly different backgrounds live together in this small community. There are activities such as “Carmichael breakfast”, “Sports day” and “Friday Game or Movie Nights” for fellowship between students. Koreans do live in I-House as well, and a typical room will house 2 Koreans and 2 foreigners. Roommates will be assigned randomly amongst team members.

COST OF LIVING

<table>
<thead>
<tr>
<th>COST</th>
<th>On Campus</th>
<th>Off Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>$700</td>
<td>$700</td>
</tr>
<tr>
<td>Insurance</td>
<td>$100</td>
<td>$100</td>
</tr>
<tr>
<td>Monthly Fee</td>
<td>$250</td>
<td>$250</td>
</tr>
<tr>
<td>MEAL</td>
<td>$3 - 8</td>
<td>$6 -</td>
</tr>
<tr>
<td>TRANSPORTATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HGU Shuttle Bus</td>
<td>$1</td>
<td>$1</td>
</tr>
<tr>
<td>To Seoul (by bus/train)</td>
<td>$60/$100</td>
<td>$60/$100</td>
</tr>
<tr>
<td>To Busan (by bus)</td>
<td>$20</td>
<td>$20</td>
</tr>
<tr>
<td>TEXTBOOK</td>
<td>$20-50</td>
<td>$20-50</td>
</tr>
</tbody>
</table>

Living Conditions

- 4 students share one room
- Furnitures include beds, desks, bookshelves, closets in each room (blankets, pillows, and extra mattresses are not included)
- Facilities: shower stalls, laundry room, lounge
- International dorm has a kitchen where students can cook meals.
Family-like Community

TEAM SYSTEM & RESIDENTIAL COLLEGE SYSTEM

Residential College (RC) is a unique fellowship system of Handong. All students in Handong are assigned to a RC and a team. International students will be assigned to Carmichael RC, also known as ‘International Community.’ Each team from Carmichael RC is composed of a mentor professor and 20-30 students from various backgrounds and majors. Throughout the semester, teams will have weekly activities together in order to achieve each RC’s core values. Teams meet once a week on Wednesdays for social, recreational events, team-building experiences, and Chapel. The RC offers various events, such as sport competitions between other RCs on campus. The team professor and members will be your advisers, mentors, and trusted friends!

FRESHERMEN HELPER

Freshmen Helpers are volunteers who are more than willing to serve and show love to freshmen, transfer, and exchange students. They help with all sorts of things such as registering for class, personal relationships, getting accustomed to the school, and so on. They are assigned to a team and take care of about 8-10 new Handong students.
Meet the World!

COURSES ON KOREAN LANGUAGE, CULTURE AND HISTORY

Available courses

- Korean Language (Beginner-Intermediate)
- Taekwondo (Korean Traditional Sports)
- Introduction to Korean History
- Introduction to Korean
- Globalization & Korean Popular Culture

KOREAN CULTURE

Excursion:
- Demilitarized zone, Seoul, Gyungju-city (Historical city), etc.
- POSCO (Pohang Iron and Steel Company), the world’s 4th largest steel making company and the industry leader of the Republic of Korea, located in Pohang
- Samsung Smart City

Understanding of the World
- An Int'l student and a Korean student (translator) form a pair to visit an assigned high school near Pohang and introduce his or her home country to local students. Great experience to meet the local students!

INTERNATIONAL COMMUNITY, CULTURE NIGHT

Representatives of 60 countries gather here at HGU for mutual learning and growth. We have many international communities represented on campus, including European, African, Chinese, Japanese, Indonesian, Latin, Malaysian, Mongolian, North American, and Thai communities. During the fall semester, we have a special event called “Culture Night” where all international students share their unique cultures and talents with the Handong community and Pohang citizens. There are two main parts: food and performances. If you have a particular cultural dress/clothing, please bring them to highlight your own nation’s special culture!
05 Application Procedure

- Freshmen & Transfer (Degree)
- Exchange & Visiting (Non-degree)
Admission Process
(Freshmen & Transfer)

01 Application Submission

02 Document Evaluation

03 Interview: Online

04 Final Decision

Tuition (per semester)

- Freshmen only: 3,661,000 KRW
- Humanities & Social Sciences majors: 3,019,000 KRW
- Engineering & Arts majors: 3,874,000 KRW
- Combined majors: 3,446,000 KRW

Three Main Documents

- Transcript (School Report Card)
- Essay
- Recommendation Letter

www.handong.edu/eng
Exchange

Students enrolled in HGU partner universities can apply to the Exchange program for one or two semester(s). Exchange students will study in Handong but make tuition payments and transfer credits to their home institutions.

Visiting Students

Students enrolled in non-partner universities can apply for the Visiting program for one or two semester(s). Visiting students must send an email to exchange@handong.edu first and get guideline of the program.

Visiting students will make tuition payments to Handong, but other conditions will be the same as exchange students.

ELIGIBILITY

- Students enrolled in HGU’s Partner University (exchange)
- Students nominated by HGU’s Partner University (exchange)
- GPA: more than 2.5 out of 4.5
- No official English Test score is required; however, students are expected to take courses in English or Korean.
- An open mind to new culture
- Willingness to follow HGU culture, code, and policy stated in the Handong Pledge.
Contacts

OFFICE OF INTERNATIONAL AFFAIRS (OIA)

POSTAL ADDRESS:
413 All Nations Hall, Handong Global University,
558 Handong-ro, Pohang-si, Gyeongbuk, Rep. of KOREA
(Zip: 37554)

EMAIL:
- EXCHANGE / VISITING:
exchange@handong.edu
- UNDERGRADUATE (FULL-TIME):
  iadmissions@handong.edu
- LIST OF EMAILS OF HANDONG AMBASSADORS*
  handong.edu > Experience HGU > Handong Ambassadors

SNS:
www.instagram.com/handongglobaluniversity
#handongglobaluniversity #hgu #handong
#whynotchangetheworld

WEBSITE:
www.handong.edu/eng

* Handong Ambassadors are international students who have studied in Handong University and have gone back abroad to represent Handong in their respective countries.
Education
- B.S. in Nuclear Engineering, Seoul National University, (February 1976)
- M.S. in Nuclear Engineering, Massachusetts Institute of Technology, (December 1979)
- Ph.D. in Nuclear Engineering, Massachusetts Institute of Technology, (May 1981)

Experience
- Professor, Korea Advanced Institute of Science and Technology(KAIST) (1990-2014)
- Vice President, Korea Advanced Institute of Science and Technology(KAIST) (November 2005-July 2010)
- Technical Program Chair, Cognitive Systems Engineering in Process Control (1996)
- General Chair, Cognitive Systems Engineering in Process Control (1996)
- Member, Presidential Advisory Committee on Science and Technology, Korea (May 1998-June 1999)
- Technical Program Chair, Korea-Japan symposium on Nuclear Thermal Hydraulic and Safety (1998, 2002)
- Chairmen, Advisory Committee on Nuclear Safety, September 2002-2003
- Technical Program Chair, the Tenth International Topical Meeting on Nuclear Reactor Thermal Hydraulics (2003)
- Associate Editor, Asia, of Nuclear Technology (ANS) (2004-2008)
- Trustee, Korea Federation of Science and Technology Society (March 2005-February 2008)
- Commissioner, Korea Nuclear Safety Commission (September 2009-2011)
- Chairman of the board of directors of Handong Global University (2010-2012.2)
- Dean, MUSTAR-KAIST Institute (August 2010-2014)
- Vice President, Korea Nuclear Society (September 2010-August 2011)
- International Advisory Expert of Investigation Committee on the Fukushima Accident (November 2011-February 2012)
- President, Korea Nuclear Society (September 2011-August 2012)
- Chairman of Board of Trustees, Korea Institute of Nuclear Safety (February 2012-May 2013)
- Director, Center for Advanced Reactor Research (September 2012-2014)
- Committee Member, Advisory Committee on Nuclear Energy Policy, Korea Hydro & Nuclear Power (December 2012-November 2013)
- Bentley Chair Professor (April 2013-2014)
- Member of Presidential Advisory Council for Science and Technology (September 2013 – January 2015)
- Co-Chair of The National Organizing Committee of The 68th United Nations DPI/NGO Conference (2014-present)
- President of Handong (Global University)(Feb 2014-present)
- Honorary Consul General of the Republic of Fiji(2014-present)
- Member of Central Committee of The Korean Red Cross(November 2014-present)
- Chairman of Board of Gyeongbuk Center of Creative Economy and Innovation (December 2014-present)
- Member of National Committee of Safety and Security(November 2017-present)