

Welcome

Interest in the sustainable development and measures to counter climate change has been increasing. With regard to this current trend, Kyung Hee University has established the Global Collaborative Summer Program centered around 'Sustainable Development towards Green Planet'.

Building upon the two-year success of the Penn-Kyung Hee Collaborative Summer Program launched in 2006, the joint initiative of Kyung Hee University and University of Pennsylvania, the Global Collaborative seeks to promote better understanding of issues both regional and international in nature, in tandem with the current quests for "multiculturalism" and "global trust." It also aims to provide a new paradigm for higher education by integrating education, research, and practice.

This program emphasizes, as its primary objective, the creative pursuit of original and integrated ideas for our energy resources, the environment and future convergence technology. Thus, the program aims to equip students with the necessary background to become a 21st century leader, and also promote an understanding of a global role for human beings, their environment and the universe beyond our earth.

Through high-quality research, education and diverse modules on Sustainable Development towards Green Planet, we hope this program will present an opportunity for students around the world to come together for a better understanding of each other. We strongly believe that all the participants can explore the common norms, tasks, and goals for the future of global society in the 21st Century.

Gon Khang
Dean, Office of International Affairs

Kyung Hee University at a Glance

Kyung Hee University was founded in 1949 by Dr. Young Seek Choue, whose founding philosophy was "Toward a New Civilization." The University celebrated its 60th anniversary in 2009. Kyung Hee University has established an academic tradition that combines education, research, and practice while pursuing the universal values of peace and mutual prosperity. Since its foundation, Kyung Hee University has spearheaded the Global Common Society Movement, established the International Association of University Presidents and the United Nations International Day of Peace, received the UNESCO Prize for Peace Education, organized the 1999 Seoul International Conference of NGOs, and held the World Civic Forum 2009. Moving toward the betterment of future civilization, the university will further strengthen its status as one of the most prestigious universities in the world.



Facts & Figures:

- 3 campuses in Seoul, Suwon(Global), and Kwangneung
- 26 colleges, 97 department & majors, 17 graduate schools, and 43 auxiliary research institutions
- 30,000 undergraduate & graduate students and 2,935 full-time professors
- Kyung Hee University Medical Center, the world's only institution that combines Western and Oriental medicine
- Credit transfer and student exchanges with 361 partner universities representing 59 countries

Mission Statement

Kyung Hee University implements an intensive program focusing on the socio-cultural policy issues and technical trends of emerging “Green industry”. This program emphasizes the creative pursuit of integrated ideas for our energy resources, the environment and future convergence technology. The program aims to: (1) equip students with the necessary background to become a 21st century leader, and (2) promote understanding of a global role for human beings, their environment and the universe beyond our earth. The program’s goals include;

Building an international network through exchange of human resources, collaborative research, and joint programs by

- developing and implementing an innovative academic program
- creating a human network by training leaders of international society
- forming an East Asian hub for education, research, and global service

Providing students and professors with a variety of superior education, research opportunities, and service by

- maintaining a central focus on sustainable development and energy issues
- featuring co-teaching by distinguished professors from around the world

Cultivating world citizens as leaders of global civil society by

- educating global leaders, who will advance the era of globalization
- providing civic education through internships and participation in social services
- offering special lectures on current issues of East Asia





Future



Courses Offered

The program offers four-week intensive courses. Each course is 45 hours long and worth 3 credits. Classes are in session from Monday through Thursday, and students may register for a maximum of 2 courses. Taught by a faculty team of internationally renowned scholars, courses are centered on sustainable developments and energy-related issues. All courses are taught in English.

* The course information is subject to change.

Climate Change, Global Warming and Related INBT

- Global Climate and Environmental Change

- Bin Wang (Professor, University of Hawaii) / Young Min Jo (Professor, KHU)

One of crucially important topics of environmental conversation is climate change and its economic and societal impacts. Dealing with such a significant issue, this course provides an overview on the physical science basis for climate change, most comprehensive and up-to-date scientific assessment of past, present, and future climate change, the environmental, economic, and societal impacts, adaptation and mitigation of climate change, and international agreements and protocols on global warming and international regulation of the world trading.

- The International Political Economy of Sustainability

The challenge of energy and climate change to long-term health and prosperity

- Bryan K. Ritchie (Professor, Michigan State University)

If we are to continue on our current trajectory of wealth creation, and hopefully poverty alleviation, we must figure out how to cooperate across regions, nations, and communities to find new, climate friendly sources of energy. This course explores the obstacles and possible solutions to such cooperation. From International treaties, such as Kyoto Protocol on Climate, to bi-lateral and multi-lateral negotiations on trade and energy production and use, to internal domestic politics and decisions. We will look at why people cooperate and why they don't. What are the interests of the actors involved? How should we think of international and domestic laws and policies to address these challenges to create more sustainable processes of growth and development?

- Environmental Informatics and Energy System Engineering

-Ian Marshall (Director, Centre for Environmental Informatics, Lancaster University)

This course provides an overview of environmental informatics and its role in supporting decisions associated with sustainable development. The course will discuss the principal concepts underpinning informatics, including how humans make decisions and the attribution of meaning to data. It will also introduce core environmental informatics techniques, including databases & metadata, GIS, data-mining & analysis, and digital data collection.

Energy & Resources Development

- Water Quality & Resources

-Clark Liu (Professor, University of Hawaii) / Albert S. Kim (Professor, University of Hawaii / International Scholar, KHU)

This course is designed to introduce the student into environmental hydraulics, water and wastewater engineering, surface and sub-surface hydrology. The various water research programs thus help solve many problems associated with maintaining water, land, and related environmental resources. This program focuses on water quality in hopes of preserving or enhancing the usability of existing sources.

- Renewable & Green Energy (Instructor to be decided)

- Renewable Energy is energy generated from natural sources such as the sun, wind and water that are unlimited and do not pollute the environment. In this context, one potential scenario is based on a move to a hydrogen economy. Hydrogen and fuel cells are seen by many as key solutions for the 21st century, enabling clean efficient production of power and heat from a range of primary energy sources. This course highlights strategic planning and increased effort on research, development and deployment of hydrogen and fuel cell technologies.





- Biofuels and bio-based chemicals production technologies represent the only near-term alternatives to conventional gasoline, diesel-fuel, and petrochemical feedstocks. These are renewable sources of energy made from biological materials. Crop-based biofuels are already in wide use, work in today's vehicles, and require no major investments in infrastructure for their use (unlike alternatives such as hydrogen). Biofuels also help to address global-warming concerns by reducing net greenhouse gas (GHG) emissions from vehicles (on a fuel life-cycle basis).

- Future and Challenge of Nuclear Energy

-Yoon Il Chang (Argonne Distinguished Fellow Emeritus, Argonne National Laboratory)

The course will examine if nuclear energy can be a major part of the solutions to deal with global environmental crisis and to meet ever increasing energy demand at the same time. Following a brief review of all potential energy sources, the course will explore the development history, current status and future prospects of nuclear energy. The safety, nuclear waste management, economics, and proliferation concerns have been issues for public acceptance, which will be explored in detail. Next generation reactor and fuel cycle concepts will also be explored in order to grasp the ultimate potential of nuclear energy in the long term.

Space, Environmental & Natural Sciences

- From the Universe to the Earth

-Sami K. Solanki (Managing Director, the Max-Planck-Institute / Distinguished Professor, KHU) / Yong-Jae Moon (Professor, KHU)

This course will cover several interesting subjects from the Earth to the Universe with the following two parts. In Part 1, the course will introduce the Sun and solar system as nearby celestial bodies, the conditions for life in the Universe, and the relationship between solar activity and global warming. In Part 2, the course will introduce not only several selected subjects (star, galaxy, black hole, cosmology, etc.) in astronomy but also space weather (Sun-Earth connection) that can significantly affect human life and technology.

Social Sciences & Integrated Subjects

- Green Growth: Harmonizing Economic Development and Environmental Protection

-John Barry (Professor, Queens's University) / JAE SUNG KWAK (Professor, KHU)

The course will consider the scientific knowledge required to understand the links between environment and development in the international contexts. Covering a wide range of topics, from global climate change and energy-use to biodiversity conservation, an emphasis will be made on understanding and supporting policy decision-making processes effecting development or the environment using an evidence-based approach.





- **The Governance of the Global Commons**

-John Vogler (Professor, Keele University)

This course will examine the problems of the global commons and how solutions can be found through international co-operation. The global commons are those areas and resources that do not fall under sovereign jurisdiction - are not owned by any particular state. They include the high seas and the deep seabed, Antarctica, outer space and satellite orbits and finally the global atmosphere. Arising from the excessive exploitation of the latter, of course, is the urgent and all-embracing issue of climate change. We will consider this in some depth in the course, but to do so it will be useful to understand and use the insights gained from experience with the other global commons, which are themselves often intimately related to the climate problem. In studying this course you will acquire knowledge of the actors involved, the legal and institutional frameworks and the theoretical approaches that have been applied. You will also consider some cross cutting issues such as the relationship between scientific advice and policy and between trade and the protection of the environment.

Architecture and Environment

- **Sustainable and Healthy Building Technology**

-Koen Steemers (Professor, University of Cambridge)

This course aims to introduce the role of environmental and health issues in architectural engineering and to demonstrate why such issues are of relevance and interest to architectural engineers. This course covers qualitative and quantitative methods for the critical appraisal of the environmental performance of buildings. It discusses environmental issues in the design, construction and operation of buildings at global, local and interior levels and explores their roles in terms of human well-being and energy-efficient buildings.

Korean Studies

- Korean Language, Culture and Taekwondo

-Dong-Ho Pak (Professor, KHU)

This course aims to introduce Korean language and culture. Especially it is designed to optimize one's understanding on the feature of the Korean language as well as Korean cultural and social values. Based on lectures and readings, students are expected to actively participate in class discussions and presentations for interlingual and intercultural understanding sessions.

-Shin Ja Im (Professor, KHU)

Taekwondo is one of the most systematic and scientific Korean traditional martial arts, that teaches more than physical fighting skills. It is a discipline that shows ways of enhancing our spirit and life through training our body and mind. Today, it has become a global sport that has gained an international reputation, and stands among the official games in the Olympics. So throughout this lecture students can study about physical strength, health and mental power.

- Performing Arts in Korea

-Young-Lan Lee (Professor, KHU)

The purpose of the course is to examine and experience Korean traditional and contemporary performing arts in general including theatre, dance, music, performative events and festivals etc. Through various visual materials, actual viewing and participating into theatre performances and daily events, students will catch the overall pictures of Korean performing arts and find its interesting aspects. Moreover, students will experience emotional and physical elements of Korean performing arts through exciting and playful traditional Mask Dance Drama training which is full of hilarious humor and poignant satire.



Grading

Grading is based on attendance, class discussion, homework, and examinations. Kyung Hee University regulations require a minimum of 70% attendance to receive academic credits. The Pass/Fail option may be taken for Kyung Hee Students.

Credit Transfer

All international and domestic students may transfer credits according to the regulations of their home institutions. Kyung Hee will provide all the necessary documents needed for the transfer of the credits.

Based on the university regulation, Kyung Hee students are allowed to earn up to 6 credits during the summer. Therefore, the total credits earned through the regular summer session, internships and the Global Collaborative program should not exceed 6 credits.

Certificate

Program participants, who successfully complete one or more courses, are awarded with a certificate of achievement.





Experience

Experience Korea and East Asia

'Exploring History, Culture, and a Future Model of Cooperation in the 21st Century'

Participants can supplement their knowledge gained from courseworks through an array of historical and cultural programs that directly address the East Asian experiences.

Cultural Experiences

Students may take weekend excursions to Korean culture to supplement their knowledge gained thorough the courseworks.

- DMZ

A strip of land running across the Korean Peninsula that serves as a buffer zone between North and South Korea, students will get an insight to the past, present and future of the two Koreas.

- Everland (Amusement Park)

Located near Global Campus, 'Everland' is ranked as the 4th theme park in the world by offering 5 main Festivals and exciting entertainments all year around.

- Korean Folk Village

Also located very near Global Campus, the Korean Folk Village is home to numerous collections of Korean cultural artifacts, providing an opportunity for Korean children to experience and learn the culture of their ancestors firsthand.



Civic Service

Interested participants are offered internship opportunities at major Korean NGOs, such as the People's Solidarity for Participatory Democracy, Korean Federation for Environmental Movement, Good Neighbors International, and Citizens' Coalition for Economic Justice. Through their internship experiences, students can gain practical training in global service while deepening their understanding of East Asian civil society.

Extracurricular Programs

- **Korean Movie Night**

To help students understand East Asia, major movies produced in Korea, Japan and China will be screened followed by a moderated discussion with a professor, where students will be given a chance to exchange their opinions.

- **Buddy Program**

To facilitate smooth adjustments to life in Korea, the Buddy Program assists foreign students to further their understanding of Korean life, while supporting their language study through one-on-one exchange with Kyung Hee students. Toward the goal of building cross-cultural awareness, this program provides support to foreign students while forming friendship beyond academic exchange.

- **Talent Show**

Student can show and compete their talent with other talented GC students. Through this lively event, students share their energy & culture and bring unforgettable memories back home.



GC Preparatory Academy

Designed for the students who wish to explore Global Collaborative in advance to prepare for the GC courses. The students will deepen their thoughts and understanding on courses and improve study skills.

Writings Resource Center

As GC courses expect excellent writing skills, often times students are in need of assistance in writing. To aid the students with the writing assignments, the center will provide professors and tutors to together develop ideas and transfer them on to the paper. Any GC participants can take advantage of this service.



Academic Calendar

The student orientation will take place from July 5. Students are advised to arrive in Korea 1-2 days prior to their session to allow them time to adapt to the new environment.

March 15 ~ May 30	Application & Registration
July 2 ~ July 4	Dormitory Check-in
July 5	Orientation
July 6	Classes begin
July 30	Graduation Ceremony
July 30	Dormitory Check-out
August 2 ~ 31	Civic Service

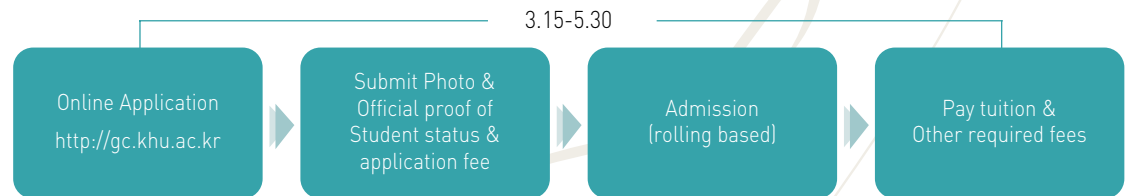


Application

Eligibility

The Global Collaborative Summer Program is open to all undergraduate and graduate students around the world pursuing interests in sustainable developments and related issues. As classes are entirely instructed in English, English competence in discussion and presentation is a pre-requisite.

Application Procedures



Domestic Students

- 1) Online Application (<http://gc.khu.ac.kr>)
- 2) Official proof of student status (e.g. official transcripts from undergraduate institution, copy of graduation diploma, or proof of leave of absence)

International students

- 1) Online Application (<http://gc.khu.ac.kr>)
- 2) 2 Passport sized photos
- 3) A copy of the passport
- 4) Official proof of student status (e.g. official transcripts from undergraduate institution, copy of graduation diploma, or proof of leave of absence)

Friendship

Scholarships



1. Scholarship for Academic Excellence (Domestic students ineligible): US\$1, 000 is granted to students who obtain an A+ in two courses.
2. Alumni Scholarship: Tuition can be reduced by 30% for students whose parent is an alumni of Kyung Hee University. The parent's certificate of graduation and proof of relationship to the student are required.
3. Exchange Students Scholarship: Various scholarships are offered to the students from Kyung Hee's partner universities, if nominated as an exchange summer program student by their home universities.
4. Returning Students Scholarship (Domestic Students ineligible): US\$1, 000 of tuition can be reduced for students who have participated Global Collaborative Summer Program previously.

note: If eligible for any of these scholarships, only one of them will be offered.

Tuition and Fees

The application fee must be paid upon submission of the application form. Required fees, including tuition, and optional fees must be paid to the designated account by May 30, 2010.

The student activity fee covers administrative, recreational, and special extra-curricular activities.

	Payment	Korean Won	Approximate US Dollars
Required	Application Fee (non-refundable)	80,000	80
	Tuition	2,800,000	2,800
	Student Activity Fee	60,000	60
Optional	Dormitory (double)	250,000	250
	Airport pick-up service	80,000	80

* Number of rooms in the dormitories is limited. The rooms are assigned on first come first serve basis.

* Students are responsible for any additional costs, such as meals, personal travel expenses, visa fees, health insurances, and course materials.



Account Information

- Bank Name: Hana Bank (Swift Code: HNBKRSSE)
101-1, 1KA EULJI-RO, CHUNG-KU, SEOUL, KOREA
- Account Number: 428-910011-82404
- Name of Account Holder: Kyung Hee University

Please note

- The university does not cover bank transaction fees and requests that students plan accordingly to ensure accurate payment.
- Following the transfer, please send a copy of the receipt, including the name of the student applicant via fax (82-31-201-3179).
- In the case of payment under a name other than that of the applicant, please notify the office in advance via e-mail (intlctr@khu.ac.kr).

Refund

In the case of withdrawal, students may obtain a refund based on the following regulations.

- 2 Weeks before the program starts: 100% refund, including tuition, housing, student activity and weekend trip fees (application fee excluded)
- End of the first week: 80% refund of the tuition, housing, and weekend trip fees only. No refund is allowed after the first week of the program.
- A written withdrawal request must be submitted. The refund is granted at the end of the program.

Housing

Housing

New dormitory opened in March 2008 with the most up-to-date equipment and facilities required in the age of internationalization, information, technology and globalization. It consists of two buildings, Building A for female students and Building B for male students. 2nd Dormitory can accommodate about 2,300 students in total (male-students: 1,400 / female-students: 900). The room will be shared by two students, and each room is furnished with beds, desks and cabinets. Also each room comes with a private shower/lavatory room, a phone, wired LAN and air-conditioner. Student cafeteria and various facilities such as a coffee shop, convenience store, stationery, internet cafe, etc. are located on the first floor of Building A, and any students can use these.

Other Dormitory Facilities

1. Information Desk
2. Administrative Office
3. Library
4. Seminar Room
5. Laundry Room
6. Lounge
7. Convenience Store
8. Gym





Passion

Student Services



Airport Pick-up Service

Students arriving from overseas may use the airport pick-up service from the Incheon International Airport to the Kyung Hee dormitories upon request. The service costs US\$80 and you can request for the service on the application.

Visa Services

- International students should obtain a 90-day short-term visa [C-3]. To stay in Korea beyond the 90-day period, students should apply for an extension at the Seoul Immigration Bureau before the expiration date of their visas.
- Suwon Immigration Office
1012-6 Youngtong-dong, Youngtong-gu, Suwon-si
Phone: 82-31-695-3800 Fax: 82-31-695-3810
Homepage: <http://www.immigration.go.kr/indeximmeng.html>
- Students are responsible for obtaining their visas, and must be fully aware of the necessary documents and duration of processing to ensure timely issuance. Kyung Hee University will issue an invitation letter for the visa process.

Emergency Services

You may contact the Office of International Affairs.

Phone: 82-31-201-3177-8 Fax: 82-31-201-3179

E-mail: hoonie@khu.ac.kr

Health Insurance

Students are required to purchase personal health insurance.

FAQs

1. How can non-Kyung Hee University students transfer credit obtained from the program?

If you are attending partner universities of Kyung Hee, the credit can be transferred according to the exchange agreement. If you are attending other universities, the credit may be transferred based on your home institution policies.

2. How is the Korean Language course conducted?

Classes are taught by Korean language instructors from the Institute of International Education, and students are assigned to different levels of proficiency based on an aptitude test administered prior to the beginning of classes.

3. What if I can't make it to the orientation?

All students are required to attend the orientation. However, if you are absolutely unable to make it to the orientation, please let us know in advance. We will make other arrangements for you to get the introduction of the program you need.

4. What is the dormitory like and what if I want to live off-campus?

Dormitory has double rooms. Each room is furnished with a bed, a closet, a bookshelf, a desk, and a telephone as well as internet access. If you wish, you are allowed to live off-campus. However, it is your responsibility to find your own housing.

5. What if I have to miss a lecture?

Please notify your TA/RA in advance of your absence and also let them know why you are missing the class. Keep in mind that you are required to attend at least 70% of the classes to pass the course.

For further information, please contact:

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1 Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-701, Korea

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E-mail: hoonie@khu.ac.kr Website: <http://gc.khu.ac.kr>

