Ministry of Education, Culture, Sports, Science and Technology

Re-inventing Japan Project

CAMPUS Asia EEST

Collaborative Graduate School Program to Cultivate Global Human Resources in Energy and Environmental Science and Technology

Kyushu University, Pusan National University, Shanghai Jiao tong University







Energy and Environmental Science and Technology,
Advanced School of International Alliance (EEST ASIA)

Operated by three consortium universities in Compact Triangle

Jump up to global field of EEST!

with double degrees in master courses

Be a new leader actively participating global field of EEST from Asia to the world.

What is Campus Asia?

A program promoted by Minsitry of Education, Culture, Sports, Science and Technology that undertake universities in Japan, China and Korea collaboratively to enhance their globalization.







EEST Asia program is aiming to cultivate new leaders actively participating global field of EEST from Asia to the world. We are putting all our efforts in not only professional educations in EEST but also educations and training of communications in English and understanding of Japan, China and Korea.

The EEST course was newly established to award double degrees (master's degree) in two universities among three collaborative universities within a normal enrollment period and with one master thesis written in English. The course consists of a "three in one" module, namely combining the semester exchange, summer school and international seminars together.

This "Compact Triangle" is very effective in promotion of interaction and mutual understanding among students and researchers in collaborative education program of Campus Asia to cultivate human resources leading global field of EEST

SJTU

Shanghai Jiao Tong University

School of Environmental Science and Engineering School of Mechanical **Engineering**



PNU

Pusan National University

Faculty of Engineering







KU

Kyushu University

Interdisciplinary Graduate School of Engineering and Sciences



International course of Energy and environmental Science and **Technology**

Aiming for double degree (to be awarded with master's degree simultaneously from two universities)

Graduation Ceremony in SJTU



Graduation Ceremony in PNU





diploma





Certificate of Master degree



Energy and Environmental Science and Technology (EEST) In Asia and the World

Energy Environment
Science and Technology

Aiming at cultivating EEST global human resources awarding DD in master courses of two universities among the three consortium universities with quality assurance

Globally-competent human resources in EEST who possess:

- 1) Research and development capabilities
- 2Understanding and analysis of the current state of environmental problems
- 3A good level of English ability
- 4 Understanding of foreign cultures, people, and societies and ethics

Double Degree

Characteristics for graduation

- Studying 3 semester in Home university
- Lectures and Laboratory studies relating EEST in addition to a DD student's major
- Staying 1 semester at Host University
- Employing credit exchange (transfer) system between Home and Host Universities

Establishment of EEST Program (Course)

- Curriculum focusing EEST
- Participating two Summer Schools (SS) (M1 & M2) to earn 6 (3 + 3) credits, which are commonly awarded in three universities.

Approval of Double Degree (Master's thesis)

- One common thesis written in English
- Supervisors from Home and Host Universities
- Joint evaluation system

Improvement of English skills Study of foreign Culture & Language

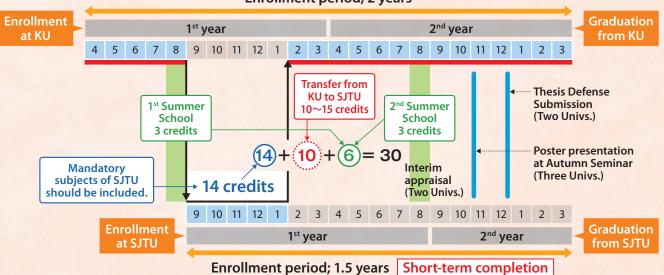
Quality assurance

Framework of EEST Course to cultivate global human resources awarding double degrees (DD) in master courses of two universities among the three consortium universities with quality assurance.

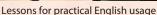
Study Pattern of KU students to get Double Degrees of KU and SJTU

There is no difficulty to get a Master degree at home university (KU).

Enrollment period; 2 years









Scientific Tour



Defense of master thesis with TV Conference

In addition to course curriculum in major of each exchange DD student in his/her Home University

EEST course curriculum

- English skill-up course (2 times a week for 7 weeks)
- Courses in 2 times of Summer Schools (Earn 6 Credits)
- Lectures in EEST course all managed by English (6 Credits)

Be awarded the certificate of successful completion of EEST course

Stay at host university as an exchange students for 1 semester Get 6-14 Credits Pass defense of master thesis

DD course

Be awarded DD in master course

Non-DD course

Government Managed Program without expenses on

Tuition fees for EEST course

Summer School (registration, traveling and staying costs)

Scientific tour

English language training

TOEIC examination fee

ALC E-learning system

Cost for studying as an exchange student

Traveling

Residence (Except energy and water bill)

Insurance for staying abroad











Voices from inbound students (from PNU and SJTU) awarded DD

- I like this program very much. I hope two universities continue to maintain their academic level.
- I think this program is excellent and it is really a wonderful memory for me. However, the universities should work together to offer some research projects in which the students could conduct both in their home university and the host university.
- •I hope the program would be expanded in a larger scale so that more students could participate in it.
- Quite perfect program! I hope the program will last long and long!
- This experience absolutely provided us wider outlook in the field of energy and environment. It is a plus-quality to international company.
- Research period was too short because, as you know, I had stayed in Japan for 6 months. So, I had difficulties to prepare my graduate defense.
- The semester I spent at Fukuoka University is not only the great experience that broadened my view, but also one of the most unforgettable memories of my life. Attending one of the greatest schools in Japan and spending a semester at Kyushu University has helped me a lot to learn about the Japanese culture and life, and it is also a good opportunity for nurturing a global mindset.
- It is a great honor for me to be the first group of students who can join in CAMPUS-Asia program. I hope this program will continue to strengthen the communication of students from China, Japan and Korea in the future.
- We met Japanese and Korea students. The cultural communications between us really help us seeing the other country in a better way.
- •I learnt the knowledge about many fields related to environment and energy, and also made many Japanese friends. I will be sincerely grateful for the fond memories I made here in Japan which worth cherishing forever.
- It was the time to broaden awareness of foreign culture. Although I was staying in Japan, I could know their view of the world, future, major fields, and so on both of Japanese and Chinese. Because some parts were different from common Korean's, I could think further about those subjects and how I can deal with these as a global engineer.
- I really enjoy the 4months life in Japan. During this semester in KU, I have learned a lot of knowledge, made a lot of friends, experienced Japanese culture and broaden my horizon.



CAMPUS Asia EEST

Energy and Environmental Science and Technology

URL http://www.tj.kyushu-u.ac.jp/campus-asia/



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