

Re-Inventing Japan Project

[Name of Project] (Adopted year: FY2011, Type B-II)

Development of Japan-EU Collaborative Program for Nurturing Global Engineers

[Aim of project, Ideals of Global Human Resource on the project]

We offer various educational programs to students by participating in international collaborative ventures in higher education in fields of science and technology and aim to train talented engineers who can surmount differences in language and culture and play an active role internationally.

[Summary of project]

By cooperating with higher education institutions of science and technology within the EU, we train engineers who can form solutions to problems common throughout the world with a global vision. We aim to create an environment that breeds a global sense throughout campus through the development of double degree master's programs, international collaborative ventures through joint guidance of Ph.D. program students, and introductory programs and preparatory courses for undergraduate students.

Forming the University Network with Quality Assurance

Development of a Double Degree Master's Program

Keio expanded the number of partner universities and secured students from these partner universities and dispatched faculty members to participate in mutual exchange with its partner European universities of science and technology, which are members of Top Industrial Managers for Europe (T.I.M.E. Association). Active student exchange was achieved through extensive dialogue concerning applicant interviews, student advisement and curriculum, and universities' capabilities to accommodate international students.

Development of International Collaborative Ventures Through Joint Guidance of Ph.D. Students

Keio conducts mutual exchange of faculty members and students to renowned universities throughout the world and aim to cultivate future industry leaders who will play an active role globally by carrying out joint guidance for students from both institutions. Additionally, under the joint guidance carried out this past academic year, discussions concerning development of double degree Ph.D. programs have gained momentum and have opened up the door for future cooperative relationships with universities outside of Europe.

Class in Progress



Contents of the Programs, Preparations for the Start of the Programs

Class in Progress



Offering Introductory Programs and Preparatory Courses for Undergraduate Students

As preparation for study abroad, Keio sent 63 undergraduate students abroad to attend multiple types of short-term training over school vacation periods. Moreover, in preparation for overseas training to be held next academic year, called the "Global Leadership Seminar," Keio sent faculty members abroad to decide details on the appropriate time frame, schedule, and faculty members' roles in the training, and to conduct inspections of appropriate venues.

Summer Program to Introduce Study Abroad in Japan to Partner University Students

Keio held an experimental Japanese-language summer school during summer vacation for international students entering a Keio graduate program from partner universities which have a double degree program with Keio. This summer school not only offered opportunities for Japanese language study, but also provided activities such as homestays, calligraphy lessons, and field trips as part of an introduction to Japanese culture.

Student - Mobility

Outbound Students from Keio

Keio sent students abroad for its double degree master's programs, joint guidance for Ph.D. students, and spring and summer overseas training for undergraduate students as a part of the "Undergraduate Education System Towards Training Global Human Resources," in addition to internships and summer schools.

Inbound International Students from Partner Universities

Keio conducted double degree programs, summer schools, Ph.D. candidate intake, and other research and training programs.

	2011	2012	2013	2014	2015
Outbound	58	162	120	180	200
Inbound	15	30	50	70	100

Note: Actual figures for FY2011-2012. Figures for FY2013 -2015 are projections.

Promotion of Student-Mobility Environment

Facilitating Study Abroad for Japanese Students

Keio provides students with a range of opportunities to gather information before their study abroad, including disclosing monthly reports from students who have studied abroad in the previous academic year and before and holding a series of guidance sessions. These sessions cover such topics as the study program at the host university, preparatory language study, and the administrative procedures involved in going overseas. Students are also able to pursue independent language study using E-learning tools with the support of qualified staff, who follow students' progress and provide advice.

Facilitating Study at Keio for International Students

Keio implemented an academic calendar around September enrollment/completion based on the world standard in addition to other preparations, which included hiring an academic advisor for international students. Keio's support system for international students ensures that even students without the Japanese proficiency to take courses in Japanese can enjoy a rewarding student life through English-language courses. In terms of living, Keio provides international student dormitories within walking distance of campus and a tutoring system to assist students in their studies.

Visualizing of the content of Education , Dissemination of the Outcomes

Expansion to Other Universities and Mutual Exchange

The double degree master's programs, which form the core of this project, can be easily expanded into other areas as these programs require very little adjustments to the current master's programs for Japanese students going abroad and benefit from the mutually complementary nature between the unique characteristics of the Japanese and European graduate school educations. Regarding the intake of students, it is necessary to accommodate the differences between the Japanese and the European academic calendar by introducing September enrollment and completion. However, as long as curriculum is primarily focused on research, changes are not necessary.