

## Activities for International Exchange

### Global Operations Center

Global Operations Center (GOC) was established on June the 1<sup>st</sup> 2005, with the support of Japan's Ministry of Education, Culture, Sports, Science and Technology; to create a university-wide international strategy with the objective of exercising strategic international exchange. GOC, as a strategic headquarters, will achieve and advance a flexible strategic concept with world wide realization of internationally competitiveness in research and education, at Tohoku University, GOC will also serve as a coordinator and guide the university's promotion of (1) the internationalization of the composition in Tohoku University's student body and staff, (2) the internationalization of Tohoku University's research and education activities, and (3) reform Tohoku University's internal organization and activities in light of international standards.

The activities of GOC are listed below:

- 1) Development of Double Degree Programs with institutions of higher learning overseas
- 2) Consult, contact, and coordinate with universities, governmental agencies and related organizations in Japan and overseas
- 3) Participate in activities related to the preparation, organization and support of international conferences (held in Japan and overseas) symposiums, seminars and the like
- 4) Possess provisions of information in various languages via an Internet website
- 5) Hold training programs for administrative staff
- 6) Promote international collaborative projects between the academia and industry
- 7) Establish and support the international student alumni organizations and the creation of an international exchange database
- 8) Support the activities related to the operation of overseas facilities



Tohoku University Junior Year Program in English (JYPE)

## Students Exchange Programs

### Double Degree Program with Overseas Institutions

As society becomes increasingly globalized, Tohoku University has launched double degree master's programs with elite institutes of higher education in France, Sweden and China, to develop the next-generation of human resources, able to spearhead the 21st century. In fiscal year (FY) 2006, the Écoles Centrale Group (composed of five Écoles Centrale [Lille, Lyon, Marseille, Nantes, Paris]) and the Institut National des Sciences Appliquées de Lyon (INSA-Lyon) became our program partners in France, both of which are grandes écoles, leading institutes which attract top students from France and other countries around the world, offering the finest in education. KTH (Royal Institute of Technology), Sweden and Tohoku University signed their MOU for Double Degree program in March, 2009. KTH is one of leading technical institutions in Europe and develops international student exchange extensively. The partner in China is Tsinghua University, an institute of higher learning which is presently attracting much international attention. The Double Degree Programs of Tohoku University deal with fields of agricultural science, engineering, environmental studies, information sciences and science.

## Students Exchange Programs

### International Doctoral Program in Engineering, Information Sciences and Environmental Studies

This is a special course for international students who demonstrate outstanding scholastic ability. The program offers elective courses in English. (Participation is limited to 25 students, including 12 students who are awarded a Japanese Government Scholarship.)

<http://www.eng.tohoku.ac.jp/english/program/?menu=itn>

### International Graduate Program for Advanced Science (IGPAS)

This is an interdisciplinary program for international students studying towards Master's and Doctoral program at the Graduate School of Science, where research lectures and seminars are conducted in English. (Admission is limited to 20 students each for master's and doctoral programs, including 8 master's students with Japanese Government Scholarship and 2 doctoral students with scholarship and research subsidy by IARE.)

E-mail : [direct@mail.sci.tohoku.ac.jp](mailto:direct@mail.sci.tohoku.ac.jp)

<http://www.sci.tohoku.ac.jp/english/2nd/igpas.html>

### Tohoku University Junior Year Program in English (JYPE)

#### Outline

The main purpose of this program is to offer international students an opportunity to take science, engineering, and education courses at Tohoku University, without having to attain proficiency in the Japanese language that would be necessary when taking the same courses in Japanese. All lectures are held in English and by standards for school credits of equivalent courses offered in Japanese.

The program also offers courses on the Japanese language, culture and society aimed at the promotion of understanding of Japan's language, and its social customs. Cultural and intellectual exchange with professors and students is an integral part of this program and will be accomplished through class work as well as participation in activities of research groups.

The one-year course commences on October 1<sup>st</sup> admitting approximately 30 students. Applicants are recommended to take the one-year course, since most classes are designed for one full year. However, some students are admitted to a 6-month course if requested.

<http://insc.tohoku.ac.jp/cms/>

### Japan-France Graduate Exchange Program

This is a student exchange program for students enrolled in a Japanese consortium formed by several participating universities including Tohoku University and those of a French consortium. Students are sent to study for one year, in other countries with the financial support offered by the Japan Student Services Organization.

### Renault Program

There are three scholarship programs awarded to exchange students by the Renault Foundation. These Programs are designed for enabling students to study the social and economic systems and cultures of Europe, concentrated on France.

#### MBA Dauphine-Sorbonne-Renault

The program's goal is to teach students to become fluent in corporate management techniques in a multicultural and multinational business environment, and to acquire management skills necessary for a higher level of corporate responsibility.

#### Master ParisTech Fondation Renault

The program's goal is to teach students to become able and to cope with responsibility by adapting to the context of sustainable development on projects. It also teaches to respect, main issues of transportation, namely those in intermodality, the interface between transportation systems, space and mobility, and the economic and social impact on the transportation sector.

#### Cycle Majors Renault

This program offers Japanese students the opportunity to visit France, for a one-year study on subjects of their choice, so long as it is connected with business professions. Each application will be examined to give full support and guidance to students for obtaining an appropriate type of training.

### Special Japanese Language Program for International Students and Scholars

This program is open to the international students and scholars at Tohoku University. It aims to improve the students' ability in practical Japanese and basic academic skills in Japanese and to help them to adapt to their new living environments.