

## University Consortia

### APRU: Association of Pacific Rim Universities

APRU was established in 1997 with the aim of fostering cooperation in education and research contributing to the economic, scientific and cultural advancement, and has grown rapidly to become a reputable international organization of leading research universities in the Pacific Rim. It organizes various exchange programs under three thematic priorities within the Strategic Framework, and holds annual meetings for presidents and senior staff of the member universities to discuss and plan its future activities. It is now composed of 45 universities; Tohoku University joined it in 2008.

Starting April 2013, Tohoku University functions as a regional program hub for APRU's Multi-Hazards Program. Through training programs, summer schools, workshops and other activities provided within its framework, we will take a leading role in proposing countermeasures against low frequency high-impact disasters, making further contributions. Tohoku University will serve as a Steering Committee member from July 2015.

<http://www.apru.org/>

### AEARU: The Association of East Asian Research Universities

AEARU was established in 1996 with the aim of forming a forum for the presidents of leading research universities and carrying out mutual exchanges between the major universities in East Asia. Expectations are that this regional consortium, on the basis of common academic cultural backgrounds among member universities, will contribute not only to the development of higher education and research but also to the opening up of a new era leading to cultural economic and social progress in the region. It organizes workshops, student summer camps, student sports competitions and international symposia, promoting mutual exchanges of ideas and information and developing close bonds between the member universities. It is now composed of 18 universities from China (6), Japan (6), Korea (4) and Taiwan (2); Tohoku University joined it in 1998 and serves as a board member from January 2012.

<http://www.aearu.org/>

### T.I.M.E.: Top Industrial Managers for Europe

T.I.M.E. was established in 1989 as an international network of leading higher educational institutions which specializes in engineering. Its door has been open for non-European institutions since 2005 and Tohoku University was accepted as the first Asian member together with Keio University in 2007. It is now composed of 54 member institutions from 20 countries. Its main focus is on master-level Double Degree Programs and it now has over 5,000 bilingual, bicultural engineer graduates. T.I.M.E. launches other innovative exchange programs through task forces formed by member institutions to foster internationally competitive engineers for tomorrow's world.

<https://www.time-association.org/>

### HeKKSaGOn : A network of six leading universities from Japan and Germany: Heidelberg, Kyoto, Karlsruhe, Tohoku (in Sendai), Göttingen, Osaka – network

The Japanese-German University Consortium HeKKSaGOn, founded in 2010, is a bilateral university network composed of three Japanese and three German major universities with the aim to promote exchange between Japan and Germany through activities such as research staff/student exchange, joint research, workshops and summer schools. The Japanese member universities are Kyoto University, Tohoku University and Osaka University, and the German member universities are Heidelberg University, Karlsruhe Institute of Technology and the University of Göttingen.

<http://www.hekksagon.net/>

### RENKEI: Japan-UK Research and Education Network for Knowledge Economy Initiatives

RENKEI, the Japan-UK Research and Education Network for Knowledge Economy Initiatives, is a bilateral consortium that was formed in 2012 by leading universities from Japan and the UK under the support of the British Council. Its aim is to encourage knowledge transfer and research collaboration not only between the two countries but also between the higher education and industry sector. The participating universities in RENKEI are forming pilot projects for collaboration in three main areas: technology and knowledge exchange with industry, student mobility, and universities' social engagement. RENKEI is now composed of 12 universities from Japan (6) and the UK (6).

<http://www.britishcouncil.or.jp/renkei>

## Students Exchange Programs

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

The core of this program is the Individual Research Training course. Students will research current topics related to their fields of study with the support of their assigned research groups.

The program also offers courses on language, culture and society, aimed at promoting understanding of Japanese language and social customs. Cultural and intellectual exchange with professors and students is an integral part of this program and will be accomplished through class work and participation in group activities.

<http://www.cefex.insc.tohoku.ac.jp/ASEP/JYPE/index.html>

## Students Exchange Programs

### Cooperative Laboratory Study Program (COLABS)

COLABS is a graduate-level research oriented program that gives international students from partner universities the opportunity to take scientific research training in their assigned research laboratory as well as basic education courses taught in English at Tohoku University. COLABS offers a wide range of research topics in all fields of natural science and students are encouraged to conduct their research in new, interdisciplinary, scientific fields.

<http://www.cefix.insc.tohoku.ac.jp/ASEP/COLABS/index.html>

### Tohoku University International Program in Liberal Arts (IPLA)

IPLA provides an opportunity for students to study a variety of Liberal Arts classes taught in English, including Economics, Management, Education, Law, History, and Literature. The program also offers Japanese language and culture classes designed to assist students in understanding Japan in depth. Students who have attained adequate Japanese proficiency may take content area classes taught in Japanese. Cultural and intellectual exchange with Japanese students is an important part of the program and is achieved through frequent interactions both in classes and in extracurricular activities. Committed faculty, staff, and the student support group, "IPLANET" provide extensive support for IPLA students throughout the academic year.

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

### Direct Enrollment Education Programs (DEEP)

The DEEP program allows international students to take classes and perform research alongside Japanese students. Undergraduates will be able to experience the wide range of fields and highly specialized courses Tohoku University has to offer through taking Liberal Education and specialized subjects. Graduate students will participate in world-class research through their departments' activities in addition to attending lectures. International students can apply to all undergraduate and graduate departments. Please note that applicants will be matched with research departments in accordance with their wishes, but we cannot guarantee placement in specific departments.

<http://www.insc.tohoku.ac.jp/cms/index-e.cgi?pg=100915122927=p#Deep>

### Double Degree Program with Overseas Institutions

Tohoku University is conducting master's level double degree programs with elite institutes of higher education in France, Sweden, and China to nurture human resources who could contribute to the advancement of the global society. 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 a leading technical institution in Europe and conducts extensive international student exchange. Our 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 the fields of science, engineering, agricultural science, information sciences, and environmental studies.

[http://www.tohoku.ac.jp/en/academics/double\\_degree\\_program.html](http://www.tohoku.ac.jp/en/academics/double_degree_program.html)

### Summer Programs

#### Tohoku University Science Summer Program (TSSP)

This 2-week summer program is designed for undergraduates majoring in science and engineering, and offers cutting edge, advanced classes in these fields. Our aims are to provide students with insight into what world society will need from advanced science and technology in the future and how they can contribute to society through research. The participants will be required to participate in 8 lectures and facility/laboratory visits. At the end of the program participants will make a presentation on topics assigned by each lecturer.

#### Tohoku University Engineering Summer Program (TESP)

TESP is designed to inspire graduate level (MSc and PhD) students or young professionals in the fields of Engineering. This program started in 2010. The program provides a series of lectures and hands-on activities on the advanced topics of Robotics. In addition, the program includes various activities that expose the participants to Japanese culture.

#### Tohoku University Japanese Program (TUJP)

TUJP is for undergraduates who have a strong interest in Japanese language and culture. The proficiency-based Japanese language classes as well as special seminars are designed to help participants understand Japan in depth. Various activities such as field trips, service-learning opportunities, home-stays, and interactions with Japanese students provide the participants many eye-opening experiences.

[http://www.tohoku.ac.jp/en/academics/summer\\_programs.html](http://www.tohoku.ac.jp/en/academics/summer_programs.html)

### 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 adapt to their new living environments.