

## Education Programs

Tohoku University promotes the following educational programs with support from the government.

### Support Program for Distinctive University Education

The Ministry of Education, Culture, Sports, Science and Technology has since 2003, implemented the Support Program for Distinctive University Education to review the efforts of universities and junior colleges in Japan. They select the most outstanding and distinctive programs which contribute to the improvement of education and encourage their initiatives for the improvement of higher education by providing information to the society at large.

Year	Program	Contents
FY2005 - FY2008	Nurturing Natural Understanding and Logical Thinking through Interdisciplinary Scientific Experiments	Aimed to design and conduct "interdisciplinary scientific experiments" on a completely new base of thinking whereby "people can approach the same conclusion experimentally from different angles and learn to logically analyze and describe complex natural phenomena," in contrast to traditional approaches that separate science into physics, chemistry, biology, geology, etc.
FY2006 - FY2008	Small-sized Classes in Research Universities: Aiming for "Transformation of Learning"	"Basic Seminar" is the starting point in "Learning at a University" for our students who pick subjects for research, presentation and discussion. The seminar averages 15 undergraduate students from across our faculties which is managed and supported by the university; class content is in various areas such as experiment, practical training, investigation, seminar camp, etc.

### Support Program for Professional Graduate School Formation

This program is very selective in supporting pacesetting efforts to forge partnerships with related industry and their professional associations as well as businesses for raising the quality of education tailored to the human-resources needed in the specific fields. It seeks to raise the level of education in professional graduate schools.

Year	Program	Contents
FY2006 - FY2007	Multilateral Implementation of Experience-based Education and Infrastructure Development of Public Policy Education	Public policy workshops are the core curriculum in the graduate school. This program aims to deepen methodology expanding and create new types of future workshops as well as systematizing methods of business education; with goals of organizing comprehensive FD programs.
FY2006 - FY2007	Accounting Education at the Post-Qualification Stage	This program aims to plan and build a curriculum for accounting education, at the post-qualification stage, utilizing the cooperation of the Japanese Institute of Certified Public Accountants. It nurtures the internationally advanced and acceptable professional accountants through experimental trainee courses.

### Program to Support Medical Education Corresponding to Community Health Care Needs and Other Social Needs

This program supports efforts by university hospitals to cultivate medical professionals who will be responsible for holistic medical care, etc., by developing medical education based of community health care needs and other social needs.

Year	Program	Contents
FY2006 - FY2008	General Perinatal Practitioner Training Plan	This plans takes place during a 3-year doctoral program and aims to nurture the perinatal practitioner through across department (obstetrics, anesthesia, and NICU) clinical training, it is for establishing a high level of perinatal skills and takes place mostly at the Tohoku University Hospital.

### Long Term Internship Program for Graduate Students

Under this plan, students who already possess a certain level of expertise, are publicly solicited and implemented in joint projects between universities and corporations. They target on developing and carrying out programs centered on "hands-on" training within the industry and nurture professionals who can play a central role in a variety of research fields and business activities.

Year	Program	Contents
FY2005 - FY2009	Education Program for the Development of "Green Steel"	Students are sent to steel companies for research, oriented in the development of "green steel" (i.e., earth-friendly steel materials), and receive hands-on training in nurturing their skills, abilities, and values needed in the planning and building of new technological fields and framework that promises great benefits to the society.

### Initiatives for Distinctive Education

This is an extra-curricular course for undergraduate and graduate students aimed at enhancing practical English communication skills.

Year	Program	Contents
FY2005 -	Practical English Course	This course, taught by native instructors, will help students further develop English communicative abilities required in academic and social situations through activities including discussions and oral presentations.