

Top Global University Project (Type A) The University of Tokyo

1. Outline

【 Name of project 】

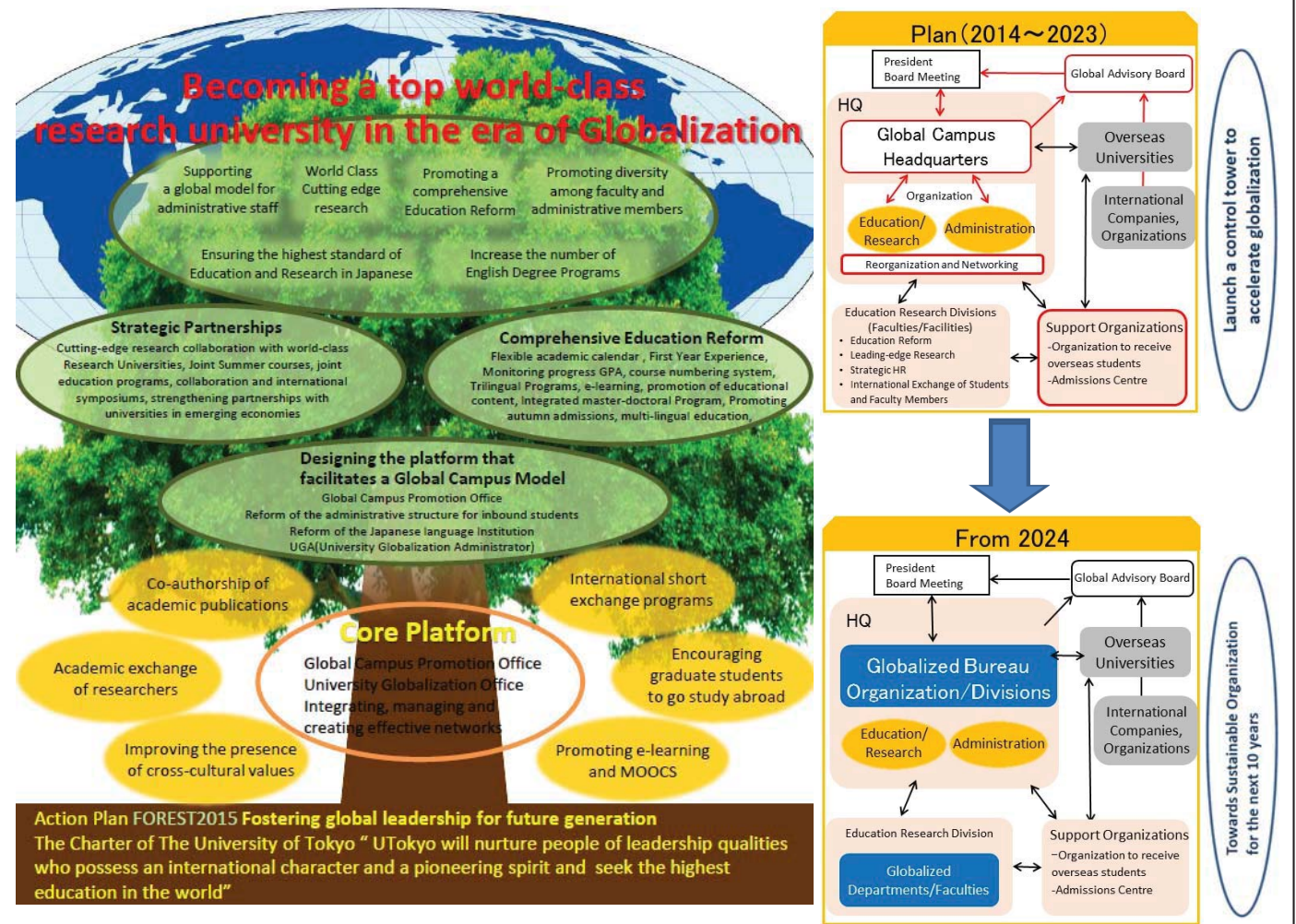
Constructing a Global Campus Model at UTokyo

【 Future vision of the University as planned through the TGU project 】

As a leading research university from among the non-English speaking regions, the University of Tokyo (UTokyo) aims to construct a Global Campus Model which has the following six characteristics suitable for a leading world-class comprehensive research university in this era of Globalization. The six characteristics are: 1) World-class, cutting-edge research takes place in a wide range of academic fields, 2) a comprehensively reformed education system suitable for the modern Globalization Era, 3) a wide range of degree program and courses throughout the curriculum is available in English. 4) As well as a level of research and teaching carried out in Japanese, there are courses in languages other than English taking place systematically, 5) a diverse environment where faculties, administrative staff and student of the University can teach, research and work together regardless of culture, language, gender, and age while mutually understanding each other, and 6) an organization put into place that supports the Global Campus, and where staff with high levels of knowledge and competency are place throughout the University.

【 Summary of Project 】

As a leading comprehensive research university, UTokyo aims to nurture intellectual, global citizens who have a broad outlook on worldly matters by enhancing up-to-date, top world-class cutting-edge research and education through self-improvements based on the demands of society by constructing a Global Campus Model through MEXT's TGU Project. To construct this Model, (1) a new and effective education system through comprehensive education reform and modification of the academic calendar has to be constructed and enhanced, (2) the global outreach in education as well as research activities should be improved through the formation of strategic partnerships with select world-leading overseas universities, and (3) a core platform that facilitates the planning and implementation of a Global Campus established.



【Summary of the 10-year plan】

Construction of a new and effective education system

- ◆ Launch of the undergraduate level University-wide Education Program “Global Japan Studies Program” (2014)
- ◆ Install a new 4-term style academic calendar and a new curriculum to match (2015)
- ◆ Utilize the typical Japanese recommendation-based entrance screening method as well as allow the International Baccalaureate for the candidate selection process (2016)
- ◆ Launch new degree programs taught in English across various departments (2019)
- ◆ Establish an international de facto standardized curriculum through comparison of course structures and teaching contents to those used overseas (2023)

Global outreach in education and research activities

- ◆ Start selection of probable partners and begin discussions regarding building strategic partnerships (2014)
- ◆ Launch cutting-edge collaborative researches, exchange programs, joint-educational programs, and short-term study abroad programs (2015)
- ◆ Host the UTokyo Forum in collaboration with strategic partner(s) (2019)
- ◆ Hold a wrap-up symposium in attendance of education experts from the various strategic partners (2023)

Establish a platform that facilitates the global campus model

- ◆ Establish the Global Campus Promotion Office (2014)
- ◆ Launch staff career development programs: e.g. intensive language training and training abroad, to enhance the level of international understanding and excellence among administrative staff (2014)
- ◆ Establish the Headquarters for Global Campus Promotion (2016)
- ◆ Host a symposium on the Global Campus Models inviting university administrators from across the globe (2019)
- ◆ In addition to having established a fully globalized organization throughout UTokyo and carrying out final assessment of the progress of all the challenges, the Headquarters for Global Campus Promotion must be reformed into a sustainable organization that can plan and implement the organization’s visions for the following ten years (2023)

【Featured initiatives (Internationalization, University reform, Education reform)】

(1) Installation of a flexible academic calendar and the construction of a new and effective education system and its enhancement through a comprehensive education reform

To increase the students’ global mobility, UTokyo began implemented a new four-term academic calendar as well as implemented a new and effective education system which can be represented by three keywords; i.e., “Globalization”, “Excellence”, “Real substance”. Enhancing the number of degree programs taught in English (2 new programs were added in 2015 to the current 42 programs), introducing the typical Japanese recommendation-based application method, promoting active learning and reducing the required number of credits for an undergraduate degree (which is comparatively higher at UTokyo than ordinary universities in Japan), are some examples representing this initiative. Progress of the specific steps relating to the changes in the academic calendar will be examined under the new system.

(2) Global outreach in education and research activities based on strategic partnerships with world-leading universities overseas

Strategic partnerships are a close, creative, flexible, and collaborative relationship with a few selected number of overseas universities that goes beyond the usual academic exchange agreement. Utilizing these partners as important bases for UTokyo’s global outreach activities, based on the collaborative cutting-edge research being carried out, the university looks to engage in international exchange of student, faculty, and administrative staff, and provide various joint educational programs, as well as recruit eligible, highly talented international students. To do this UTokyo looks to change its usual way of academic exchange and go beyond that by enhancing the multi-department involvement and multi-layered relationship with its strategic partners, to create a university-wide comprehensive, reciprocal, and specially collaborative relationship.

(3) Establishment of the platform that facilitates the global campus model

UTokyo will establish its Global Campus Promotion Office, which consists of three divisions for (1) planning and information, (2) education promotion, and (3) student exchange. Within three years of the kicking-off the TGU project, this office will merge its affiliated administrative bodies and become the Headquarters for Global Campus Promotion, which is the core operational organization under the president’s direct control, to vigorously push university-wide global outreach and strategic management on globalized human resources.

【Measures for the promotion of collaboration with foreign universities】

UTokyo will engage in integrating its conventional international relationships, which are mainly based on each faculty’s cutting-edge collaborative research, towards a special relationship that is university-wide and comprehensive across a wide range of fields. This measure is not a bilateral academic bonds between several departments at UTokyo and a strategic partner, but a multilateral bond in which multiple departments from both organizations are involved and collaborate. UTokyo aims to create the university-wide comprehensive, reciprocal, and special collaborative relationship with our strategic partners over various phases, from education at undergraduate and graduate levels, to joint-research activities on at the top world-leading level. To achieve this, UTokyo will carry out internal screening and support various international education and research activities with potential strategic partners in which multiple faculties are involved as the initiative-taking actors in Utokyo’s “Strategic Partnership Project”. Through this project the university aims to enhance opportunities for students to experience high quality research achievements around the globe and the development of international students exchange, which contribute to the globalization of both undergraduate and graduate level education. The current trend of international exchange around the top world-leading universities shows a shift towards qualitative preference, therefore, UTokyo will ultimately maintain a “Strategic Partnership” with only around ten overseas universities and continue to develop the in-depth relationship on education and research activities with these exclusive partners.

2. FY2014 Progress

■ Common indicators and targets

Internationalization

1. Offering systemized Curriculum and improving quality of classes by foreign language

Exchange students can systematically learn about Japan through the new university-wide undergraduate education program "Global Japan Studies", and through this added knowledge about Japan, the quality of their exchange period may be enhanced.

2. Expansion of undergraduate programs in English for overall degree

In addition to the "PEAK" courses in which students can take and obtain a degree solely using English established in the College of Arts and Sciences, the "Global Science Course" was established in the School of Sciences in April 2014. Students will be admitted by transfer into the 3rd year. The new academic year with a 4-term system will be introduced making it easier to construct a course which contributes towards international student mobility.

3. Livelihood support by Global Campus Promoting Office

A campus that is foreigner-friendly is being built using systems such as peer support by tutors, one-stop service for living information, publication of a handbook for international students and researcher, arranging the number of multicultural counselors for the support of international students, researcher and their families, and enhancing of emergency assistance services.

4. Steps for greater diversity

Information sessions or seminars have been provided as well as visits to high schools to increase the number of next generation of women researchers. It is hoped that these initiatives will lead to an increase women faculties. The university aims to achieve an education and research environment that is diverse and with equal opportunity. The number of female member is increasing steadily. The current male to female ratio is 53.8:46.2.



〈 Brochures : International Student Handbook, University Guide, Booklet on Study Abroad, Overseas Internship, and International Volunteer programs〉

University reform

1. Global Campus Promotion Office

UTokyo established its Global Campus Promotion Office and divided it into three functions: Planning and Public Relations, Education Promotion, and Students Exchange. This office made it possible to take the lead on globalization of UTokyo through one single office, rather than by each faculty as in the past. The Planning and Public Relations section is in charge of negotiations and information gathering to build strategic partnerships, the Education Promotion section is for the development of summer programs and international short term programs overall to increase the international mobility of all students, and lastly the Students Exchange Section enhanced its support by responding to housing needs due to the constant lack of accommodation and taking the necessary steps to equip itself with 870 rooms in three buildings by 2023 to accommodate all overseas students.

2. Accepting Overseas Researchers of Excellence on Cross Appointment System

The cross appointment system which pays a faculty's salary according to their efforts based on an agreement between the institutions and the faculty and a system of annual salary was put into place to support the increase in overseas researchers of excellence at UTokyo.

3. Employee Training

The opportunity for visiting overseas strategic partner universities for UTokyo administrations and other employees increased in quality and quantity recently. The training is aimed to motivate all employees including technical and managerial staff to understand overseas environment to be able to respond to the changes brought on by the effect of globalization.

Education reform

1. Changes to the Academic Year

UTokyo has been preparing for the change and implemented an academic year that is divided into four terms. In comparison to the three-semester system, the four-term academic year makes each component short, thus enabling students to choose various subjects with flexibility to design a path to complete the courses. This adds to the on-going subject numbering system and GPA system which was brought in to produce a sense of fulfillment from and enhance the level of learning. Progress of the specific steps relating to the changes in the academic calendar will be examined under the new system.

2. Examination for selected candidates

For the first time in its history, UTokyo will be utilizing the typical Japanese recommendation-based entrance selection method from 2016. This system is being brought in to enhance the diversity of students and revitalize undergraduate education.

3. Active Learning/Reform of the number of credits required to graduate

The credits system for graduation is undergoing reform to change the educational style. The passive learning that responds to questions with prepared answers will be changed into an active learning system that allows students to respond to unsolved problems, such as global warming and energy problems that we face today, through accumulated knowledge. Active learning and subject numbering will be employed to help students discover and solve problems proactively on their own. Reduction of the number of credits required in order to graduate, which is currently 146-167 credits depending on faculty, is a lot more than that of other universities, will be considered in order for students to be able to plan their own study time and make use of the flexibility brought in by dividing the academic year at UTokyo into four terms.

■ University's own indicators and targets

1. International Short Term Programs Open to the World

The International Affairs Division of UTokyo organized 2 of international short term programs in total. These short term programs can act as feeler program for students wishing to have first-hand experience before going abroad for a long term. Similarly, faculties also have 19 exchange programs and specified field programs with overseas partner universities.

2. Open Access to Web Schooling

UTokyo provided the joint series "Visualizing Japan" in collaboration with Harvard and MIT and had also opened contents of its usual classes to the public with subtitles. The access quantity in 2014 increased by over 10% compared to that of the previous year.

3. International Joint Authorships

According to Incites Global Comparison by Thomson Reuters, our researchers are extremely active in the international fields and the number of international joint paper in 2014 increased by 8% compared to that of the previous year.

4. Overseas Researchers Accepted for Research

UTokyo actively accepts overseas researchers for joint research projects and other research work. More than 3,000 researchers conducted research projects on our campus in 2014.

5. Students Studying Abroad for Research

There are more than 3,000 UTokyo students studying abroad for research including field work projects. Newly introduced academic calendar policy enables students to flexibly schedule for studying abroad.



〈 IARU Presidents' meeting 2015 〉

■ Initiatives for the enhancement of international reputation

1. Presence at International Conferences

UTokyo actively participated in international conferences such as GULF at the World Economic Forum. Furthermore, UTokyo hosted the 10th IARU Presidents' Meeting, a network of ten international research-intensive universities across the globe. These meetings have continuously enhanced UTokyo's global presence and reputation.

2. Presence in the World's University Rankings

UTokyo was ranked 1st in the Times Higher Education Asia University Rankings 2015 and 23rd in the World University Rankings 2014/2015, keeping its high position as in previous years. Particularly in the Research section, UTokyo received 85.1, which is above the average 84.68 of the 10 universities ranked 11th - 20th in the World University Rankings. In the Citation section, UTokyo's moved up by 4.9 points. Our continuous efforts with the TGU initiative will promote UTokyo as the research hub and increase the number of international joint paper, leading us to a higher position in the citation section thereby increasing our overall international presence.

【 Results for the promotion of collaboration with foreign universities 】

In our 2014 Strategic Partnership project, we started to establish special relationships with 30 world-leading universities, which is a close, creative, flexible, collaborative relationship, which goes beyond the usual academic exchange agreement in order to aim to across over all faculties for globalization of the campus. As part of this, we concluded agreements or memorandum of understandings establishing strategic partnerships with the University of Cambridge (UK), Peking University (China), and the Australian National University (Australia). The following is an example of initiatives involved in the strategic partnership.

■ Strategic Partner: Australian National University (ANU)

UTokyo will develop collaborative education programs based on existing collaborative research with ANU. UTokyo and ANU will mutually exchange 25 undergraduate students to provide students with international learning opportunities through residential omnibus lectures and seminars programs at each university. Field works, lectures and summer programs with intensive seminars for students from both universities will be organized. We will look to enhance the exchange programs for graduate students, design double degree courses and increase the exchanges of doctorate students in collaboration with ANU.

■ Strategic Partner: Seoul National University (SNU)

UTokyo has strengthened its strategic relationship with SNU to promote mutual exchanges based on existing academic exchange agreements among the faculties and as well as newly concluded agreements. Collaborative conferences, symposiums, and seminars were organized at SNU. In 2015, joint events to make use of SNU's own knowledge and the latest information will be organized on our campus to plan and structure higher education programs.



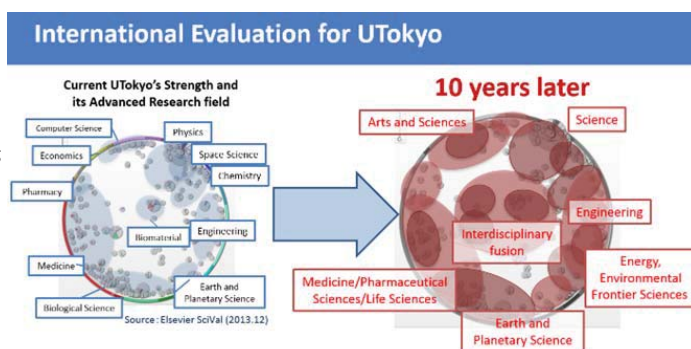
〈 A workshop at SNU 〉

■ Free description

Constructing a global campus model as the top global research university, situated in Japan

UTokyo aims to create a new global campus model as a research university in a non-English speaking region in response to globalization, taking Western universities ranking the in top 10 as models but at the same time not copying them.

Diversity is an important value today which we believe will lead to furthering UTokyo's position in the world which was achieved through the highest level of educational research carried out in Japanese. While keeping in mind the various points of globalization, UTokyo will look to actively develop programs to reach the highest level of knowledge and fulfillment.



3. FY2015 Progress

■ Common indicators and targets

Internationalization

1. New Steps for Greater Diversity

On being appointed the 30th President of the University, Makoto Gonokami, declared the importance of diversity, pointing out that since its foundation, the University of Tokyo has contributed in making the knowledge of humankind more diverse to handle global-scale issues, while ensuring collaborative efforts driven by diversity leads to development the open-mindedness within ourselves to be able to examine ourselves objectively. Special admissions systems for selecting students, such as accepting the International Baccalaureate, and recommendation-based examination, were launched to increase the admission of wider reach of potential students with diverse backgrounds. Networking for female researchers, information sessions/seminars as well as visits to high schools were number of initiatives taken to increase the number of next generation of women researchers. Communication materials and manuals in English were provided to enhance the quality of stay on campus with equal opportunity for international students.

2. Offering Systemized Curriculum for Studying about Japan

Students are able to learn about Japan in English through the new university-wide undergraduate education program "Global Japan Studies". Through this added knowledge on Japan, it is hoped that the quality of their period in Japan may be enhanced.

3. Expansion of Undergraduate Programs in English for Overall Degree and Increase the Number of Classes in Foreign Languages

In addition to the "PEAK" courses where students can obtain a degree solely using English, established in the College of Arts and Sciences, in April 2014 the "Global Science Course" was established in the School of Sciences. Students are admitted by transferring into the 3rd year. Such university-wide initiatives to increase the number of classes in foreign languages are thought to contribute towards international student mobility.



〈 Japanese Class Students 〉

4. Livelihood support by the Global Campus Promotion Office

A campus that is foreigner-friendly is being built using systems such as peer support by tutors, a one-stop service for living information, publication of handbooks and IT based information services for international students and researcher, shortened decision process to allocate accommodation timely, arranging number of multicultural counselors for the support of international students, researcher and their families, and enhancing the emergency assistance services.

University reform

1. Global Campus Promotion Office

Global Campus Promotion Office was established and has been running with three functions: Planning and Public Relations, Education Promotion, and Students Exchange. This office made it possible to take the lead on globalization of UTokyo through one single office, rather than by each faculty independently as in the past. The Planning and Public Relations section is in charge of negotiations and information gathering to build strategic partnerships with overseas universities, accounting for 65 projects selected from among applications. The Education Promotion section develops summer programs and international short tem programs overall to increase the international mobility of all students, and lastly the Students Exchange Section enhanced its support by developing IT based tutor support system, responding to housing needs due to the constant lack of accommodation and taking necessary steps to equip itself to accommodate all overseas students.

2. Accepting Overseas Researchers of Excellence through Cross Appointment System

The cross appointment system which pays a faculty's salary according to their efforts based on an agreement between the institutions and the faculty, and a system of annual salary was put in place to support the increase in overseas researchers of excellence at UTokyo.

3. Employee Training /UGA Career Development Considered

Three different staff training programs at overseas universities were launched in addition to existing programs. All participants, including technical and managerial staff, increased their knowledge on globalization, enhanced their English proficiency, and some proposed to respond to the changes of globalization, which ultimately leads to the building of a core platform, one of the objectives of our initiative.

Also, a committee for University Globalization Administrator (UGA) was formed under the Global Campus Promotion Office which has taken the lead in discussing and examining the career definition, positioning, and goals of a UGA. Visits to the University of Sydney and Princeton University were carried out for further study and exchanging of opinions about UGA.



〈 Staff Training in USA 〉

Education reform

1. Changes to the Academic Year

A new academic calendar with a four-term system was introduced, making it easier to construct courses which contributes towards international student mobility. In comparison to the two-semester system, the four-term academic year makes each component short, enabling students to choose various subjects with the flexibility to design a path to complete the courses. This adds to the on-going subject numbering system and GPA system which was brought in to produce a sense of fulfillment and enhance the level of learning. The specific steps relating to the changes in the academic calendar are in progress under the new system.

2. Examination for Selected Candidates

For the first time in its history, UTokyo has utilized the typical Japanese recommendation-based entrance selection method in 2016. This system is being brought in to enhance the diversity of students and revitalize undergraduate education.

3. Active Learning/Reform of the number of credits required to graduate

In order to change into an active learning system, the First-year Seminars were launched in 2015 as a mandatory course unit to all freshman students in cooperation with faculty members from different schools. Through tutorial-style classes with a small number of students, they learn basic academic skills including research ethics and actively learn how to comprehend and write research paper, as well as giving presentations. Reduction in the number of credits required to graduate, which is currently 146-167 credits depending on faculty (which is a lot more than other universities), has made a progress in enhancing the quality of academic units.

■ University's own indicators and targets

1. Students Traveling Abroad to Research

More than 4,000 UTokyo students traveled abroad for research including field work projects this year, an increase of 1,092 students (+132%) compared to the year before. The newly introduced academic calendar policy has enabled a flexibility in the schedule for students to study abroad.

2. Open Access to Web Schooling

UTokyo has been providing platforms such as UTokyo iTunes, UTokyo TV, UTokyo OCW in order to disseminate information to all first year students each year. The platforms above had already steered awareness towards online and allowed a smooth shift to MOOCs for open online courses. The access quantity in 2015 dramatically increased by 261% compared to that of the previous year.



〈 UTokyo TV Top Page 〉



〈 Nobel Prize Lecture by
Special University Professor Takaaki Kajita 〉

■ Initiatives to enhance UTokyo's international reputation

1. Presence at International Conferences

UTokyo actively participated in international conferences such as the IARU Presidents' Meeting (a network of ten international research-intensive universities across the globe), Japan-China-Korea Committee for Promoting Exchange and Cooperation among universities, and APRU Presidents' Meeting. These meetings have continuously enhanced UTokyo's global presence and reputation.

2. Enhancing UTokyo's Strength and Promoting Interdisciplinary Fusion

Presence of Special University Professor, Takaaki Kajita, recipient of the 2015 Nobel Prize in Physics for his discovery of neutrino oscillations, highlighted UTokyo's excellent level of research and enhanced its reputation internationally. The strategic partnership projects, one of our core platform initiatives, are in progress to advance collaboration with overseas universities in frontier fields, which will lead to interdisciplinary fusion as a research university, offering highly leading educational, research and international activities with a wide range of world-class facilities.

3. VIP Visits to UTokyo

Many VIPs visit UTokyo every year and in FY2015, the International Affairs Department has welcomed around 70 groups of delegations. Above all, visits by Princess Sirindhorn of the Thai Royal Household in April 2015, and King Carl XVI Gustaf from Sweden with the science and technology delegation in February 2016 gained attention from domestic and overseas media, which appealed UTokyo's high level educational and research activities.

【 Results for the promotion of collaboration with foreign universities 】

UTokyo started the Strategic Partnership project in 2014 to establish special relationships with world-leading universities, which is a close, creative, flexible, collaborative relationship, going beyond the usual academic exchange agreement in order to involve all faculties in the globalization of the campus. So far, 65 projects with 26 overseas universities have been supported, enabling 400 students to be sent overseas and receive 300 overseas students in UTokyo. As part of the project, we have concluded agreements or memorandum of understandings to establish strategic partnerships with 4 universities and ETH Zurich (Switzerland) was added as the 5th strategic partner university in January 2016. Related to the project, UTokyo and the following partner universities jointly organized and held university-wide symposiums: University of Cambridge (November 2015), National Taiwan University (December 2015), TUM (January 2016), Tsinghua University (March 2016), and Princeton University (March 2016), resulting in deepening of relationships and university-wide cooperation to promote educational and research activities of the students as well as faculty members.

In addition, the 2nd Strategic Partnership Symposium was held in English to share good practices by showcasing activities and future plans of unique research and academic programs with the partner universities, and more than 100 students, faculty and staff members from UTokyo, Princeton University, and University of Bonn participated. Presentations were given by the faculty members in charge of the projects, along with presentations from students who experienced exchanges abroad through these projects

The following is an example of initiatives involved in the strategic partnership.

■ Strategic Partner: Australian National University (ANU)

UTokyo and ANU mutually exchange 10 to 20 undergraduate students to provide students with international learning opportunities. The learning topic in Japan was about Mt. Fuji and participants investigated Japanese society through an interdisciplinary analysis of the mountain, and they learnt cultural landscape and environmental change in a trans-disciplinary manner in Australia. Such collaborative education programs not only promoted cross-cultural exchange but also dramatically improved the UTokyo students' proficiency in English. We will look to increase the exchanges of students in 2016 and continue to discuss exchange programs for graduate students, design double degree courses in collaboration with ANU.



〈 Discussion Session with ANU students 〉

■ Strategic Partner: Massachusetts Institute of Technology (MIT)

UTokyo has concluded a MoU with MIT as the first Asian university for the Department of Mechanical Engineering at MIT to exchange programs for undergraduate students which allow transfer of credits. Lectures are conducted through MOOCs or Skype, and joint symposiums, workshops with industry are actively organized to strengthen research exchanges. These activities have enhanced mobility from undergraduate students to doctorate students as well as faculty and staff members. MIT concluded the similar agreements with University of Cambridge and ETH Zurich, one of our strategic partners. We plan to deepen our relationships with these universities to design joint educational programs among the three universities.

4. FY2016 Progress

■ Common indicators and targets

Internationalization

1. Inviting Top Global Scholars

Since FY2014, UTokyo has invited prominent researchers from all around the world to give lectures to the students and researchers. In keeping with this tradition, we have had lectures given by recipients of the Nobel Prize and the Fields Medal this year.

2. Improvement of the Educational System for Japan/Japanese Studies

UTokyo carries out an interdepartmental educational program on Global Japan Studies, where students can learn about Japan in English. Additionally, we have decided to establish a “Japanese Language Education Collaboration Planning Office (tentative name)” to bring together and network all the Japanese language lessons held by individual departments and centers. We are also developing materials to help students learn Japanese language related to the specialization of their majors as well as other needs.

3. Expansion of Degree Programs in English

In addition to PEAK (Programs in English at Komaba), an English degree program at the College of Arts and Sciences, we have also created the Global Science Course (GSC) program at the Faculty of Science which students can join the program from their third year of undergraduate course. In FY2014, we opened the GSGC (Global Science Graduate Course), an international graduate course to help high performing international and domestic students focus on getting their Bachelor’s/Master’s degrees and turn them into global knowledge professionals.

4. Livelihood Support by the Global Campus Promotion Office

UTokyo has promoted peer support activities such as tutors, creating booklets and uploading information to help researchers and exchange students with requisite paperwork, providing information about living in Japan and status of residence. Also, in order to improve our support system for researchers and exchange students, we visited influential universities around the world and investigated their systems. By maintaining use of the emergency assistance system, we are able to support them live more conveniently in Japan.

University reform

1. Global Campus Promotion Office

UTokyo established the Global Campus Promotion Office which consists of three functions: 1) Planning and Public Relations, 2) Education Promotion, and 3) Students Exchange. This office has made it possible to take the lead on globalization of UTokyo through one single office, rather than by each faculty independently as in the past. The Planning and Public Relations section is in charge of supporting educational and research exchange programs with overseas strategic partnership universities and has revised the entire project. The Education Promotion section began constructing a new system for dealing with the applications and selection into the University-wide Student Exchange Program (USTEP). It will be worked on alongside the renewal of our academic affairs system. The Students Exchange Section, in order to deal with the problem of insufficient accommodation for exchange students, is promoting mixed housing for domestic and international students, and has strengthened our peer support system by introducing new IT support tools for tutors.

2. Staff Training

Since FY2014, staff training programs at overseas universities have been arranged that staff in middle-level management positions and higher with little experience of collaborating with overseas universities would participate. This year, participants visited our strategic partnership universities, Peking University and Tsinghua University, where they were able to learn about the situation in foreign universities. As a result, their understanding of foreign countries evolved, leading to some proposing new ways of administration at our university. These ultimately lead to the building of a core platform, which is one of the objectives of our initiative. In addition, a Chinese language training program was started in FY2016 to help our staff improve their Chinese communication skill and working ability in international affairs.



〈Staff Training in China〉

3. President’s Council and Global Advisory Board

The meeting of the President’s Council was held in November 2016, with 15 experts from around the world being invited, and exchanged their views and opinions about the visions and policies of our university. In order to establish the new UTokyo Global Advisory Board, we have requested the candidates recommended by each department to join as new council members, in addition to the existing members of the President’s Council. Also, we have formalized new internal regulations to create the board in the Office of the President as a committee which is defined in the University of Tokyo Rules on Basic Organizations.



〈The Meeting of the President’s Council〉

Education reform

1. Comprehensive Reform of Undergraduate Education

Our academic calendar based on the 4-term system that began in FY2015 is functioning well. Our methods of improving the quality of education such as implementing the cap system and stricter grading are also coming along well. We are working on systems to encourage self direction in high achieving students, such as early graduation. Furthermore, from FY2017 onward, we will be implementing a course numbering system in our undergraduate education, as part of our aim for an even better quality of education for our students.

2. Introduction of Recommendation-based Entrance Examination

From FY2016, UTokyo has started a recommendation-based entrance examination for the first time in our history. Various evaluation criteria are used, including the International Baccalaureate, and we are working towards a more diverse student body and a more active undergraduate education. 77 students enrolled in our university this year through this new system.

3. Introduction of the Global Education for Innovation and Leadership Program (GEFIL)

To foster global leaders, we launched the Global Education for Innovation and Leadership (GEFIL) program targeted at third year undergraduate students. An interdisciplinary specialized educational program was offered to approximately 100 selected students, and provided them with international learning experiences such as summer programs. This program aims to provide them opportunities to meet and talk with researchers and students from overseas top-class universities, business persons and international experts, as well as acquiring practical skills required for a global leader by themselves.

■ University's own indicators and targets

1. Open Access to Web Schooling

From September, 2016, in order to expand the diversity of our student body, UTokyo has developed and now offers a MOOC series titled "Studying at Japanese Universities" as a free online course to anyone interested in studying in Japan. By the end of March 2017, around 6,000 students, mainly from North and South America and Asia, have taken the course.

2. Students Travelling Abroad to Research

This year, more than 4,000 students are travelling abroad to conduct fieldwork and other research activities. We have continued to develop measures such as implementation of the new academic calendar to enhance students' mobility, and worked to improve the convenience of students studying abroad.



〈MOOC: "Studying at Japanese Universities"〉

■ Initiatives for the enhancement of international reputation/ Featured initiatives based on the characteristics of the university

1. Presence at International Conferences

We participated to events such as IARU (International Alliance of Research Universities), AEARU (Association of East Asian Research Universities), German-Japanese Symposium and France-Japan Symposium on Innovation in Higher Education, which rose our reputation and presence on the world stage. In FY2016, we also joined the AUA (Asian University Alliance), which is made up of 15 of the premier higher learning institutions in Asia. We are developing stronger relationships with Asian universities and implementing joint programs such as student exchange programs.

2. Enhancing UTokyo's Strength and Promoting Interdisciplinary Fusion

Our research activities have been praised both inside and outside of Japan. This year, Professor Shigeto Namba and Professor Yasuhiko Arakawa received the Japan Academy Prize. Also, Project Professor Tadatsugu Taniguchi was selected as an International Member of the US National Academy of Medicine, and Emeritus Professor Kazunori Kataoka was selected as a Foreign Member of the US National Academy of Engineering. In our Strategic Partnerships Project, which is a key part of our TGU project, we have worked with the Group of Stockholm to develop an interdepartmental exchange program covering many different areas such as engineering, agriculture, medicine, and social sciences, based on the theme of health ageing.



〈IARU Presidents' Meetings at Oxford Univ.〉

【 Results of the promotion of collaboration with foreign universities 】

In order to build close, creative, flexible and special relationships with overseas universities, we started the Strategic Partnerships Project mainly led by multiple departments, and have been supporting 65 projects with 26 universities since FY2014. This year, we have sent about 400 students and 400 researchers to partner universities, and received 300 students and 200 researchers from them. By FY2015, we had concluded Agreements or MOUs to establish strategic partnerships with 5 universities, and in 2016, we entered one with Seoul National University.

Alongside the project, UTokyo and several partner universities jointly organized and held university-wide symposiums: the University of Chicago (October, 2016), University of Chile and the Pontifical Catholic University of Chile (October, 2016), National Taiwan University (November, 2016), ETH Zurich (January, 2017), University of Cambridge (January, 2017), KTH Royal Institute of Technology (March, 2017), resulting in deepening of relationships and university-wide cooperation to promote educational and research activities of the students as well as faculty members.

Also, for the purpose of sharing good practices, we held the Third UTokyo Strategic Partnership Symposium in English, in which more than 80 students, faculty and staff members from UTokyo and Princeton University participated. The faculty members in charge of the various programs presented their activities and future plans of unique research and academic programs with the partner universities. Students who participated in the exchange program through the projects gave presentations on their experiences.

Below is an example of one of the projects.

➤ Princeton University

Before the TGU project started, UTokyo and Princeton University have been supporting joint research and teaching projects every year in which world class researchers from both universities were present. They have produced significant results not just on the research side, but also in education through exchange and interaction of students from both sides. In FY2016, an international educational program with a interdisciplinary theme was launched through the TGU project. We received 5 undergraduate students from Princeton University and UTokyo students also joined them. It became a valuable opportunity for our students, not only to experience international exchange in Japan but also to acquire skills to develop a research program and to cooperate with others with different backgrounds.



〈Student Discussion with Princeton Univ.〉

■ Miscellaneous Events

1. Making Efforts as One of the Top Global Research Universities in a Non-English Speaking Region

UTokyo aims to create a new global campus model which is unique to a research university situated in Japan. While attaining the same educational and research standard as top European and American universities, we are also developing additional strategies and policies such as Japan/Japanese language studies and interdisciplinary education and research, that are generally not included in an university's internationalization indicators.

2. UTokyo Photography Contest

In order to showcase our university's projects, we held a photography contest and took applications with keywords of the initiative of TGU: "Excellence", "Mobility" and "Diversity". From 174 submissions, a total of 30 prizes were awarded, including the President's Award and the Executive Vice President's Awards. Through this event, we were able to promote our projects and activities in the initiative inside and outside our university, as well as to utilize the submitted photos in our PR brochures and official website.



〈Award Ceremony in June, 2016〉

5. FY2017 Progress

■ Common indicators and targets

【The University of Tokyo】

Internationalization

1. Inviting Top Global Scholars

Since FY2014, UTokyo has continually invited prominent researchers from all around the world to give lectures to the students and researchers. In keeping with this tradition, we have invited recipients of the Nobel Prize and the Fields Medal to give lectures this year.

2. Improvements to the Education System for Japan/Japanese Studies

UTokyo offers an interdepartmental education program on Global Japan Studies, where students can learn about Japan in English. Additionally, we have decided to engage in a “Japanese Language Education Collaboration Plan” with the International Education Support Office in the newly formed Division for Global Campus Initiatives to bring together and network all the Japanese language lessons held for international students by individual departments and centers. We are also developing materials to help students learn Japanese language related to their majors and specializations, as well as offering university-wide exchanges and other support.

3. Expansion of Degree Programs in English

In addition to PEAK (Programs in English at Komaba), an English degree program at the College of Arts and Sciences, we have also created the Global Science Course (GSC) program at the Faculty of Science, which students can join from their third year of undergraduate studies. In FY2016, we opened the GSCS (Global Science Graduate Course) as a part of WINGS (World-leading Innovative Graduate Study Program), offering an integrated Master’s-doctorate education and research structure aimed at fostering professionals specialized in global knowledge for high performing international and domestic students.

4. Global Campus Support Office Livelihood Support

UTokyo promotes peer support activities by tutors, provides information and support for daily life to international students and researchers, as well as offering booklets and websites that provide information about residency status, living in Japan and other issues. Following the completion of the Toshima International Hall of Residence B Building, we have increased the amount of accommodations available for international students by 11.3%. Additionally, we have provided a number of workshops on preventative mental health care, as well as maintained a system of emergency assistance measure in order to improve student life.

5. “Go Global Gateway”

In April 2018, we introduced the “Go Global Gateway” program concurrent with the intake of new students, giving them the opportunity to gain international competency through living and working together with diverse people from around the world during their time at university. “International competency” is made up of five elements: ‘I. Communication & Language Skills’, ‘II. Confidence & Determination’, ‘III. Open-mindedness & Flexibility’, ‘IV. Collaboration & Leadership’ which lead to the acquisition of the last element—‘V. Global Perspective’.

Soon after entering university, students will be expected to be conscious of an increasingly globalized world. They will learn while engaging in experiences through which they will gain international competency, including through the participation in activities on and off-campus which are considered international interactions. Students can acquire certifications after it has been assessed that they have gained the fundamental strengths, and have met the necessary requirements for international competency. Our hope is that through this program, students will develop international sensitivity and become capable of being active in a variety of fields while maintaining a wide perspective.



(Lecture by Nobel Laureate Brian Schmidt (President of ANU))

University reform

1. Global Campus Promotion Office

The Global Campus Promotion Office is made up of two sections, the international planning and strategy section and the education and student activities section. The office urges revitalization at the departmental level in an effort to promote university-wide international expansion through both principle and practice. Additionally from FY2018, in order to promote university-wide globalization measures, we have made strides in the development of a Division for Global Campus Initiatives following organizational restructuring.

2. Global Advisory Board Meeting

The First UTokyo Global Advisory Board meeting took place in November 2017. 23 experts from around the world were invited as members of the board to exchange their views and opinions about the visions and policies of our university.



◁ The First UTokyo Global Advisory Board Meeting

Education reform

1. Comprehensive Reform of Undergraduate Education

Our academic calendar, based on the 4-term system that began in FY2015, is functioning well. Our methods for improving the quality of education, such as implementing the cap system and a stricter grading method are also performing well. Furthermore, we have implemented a course numbering system for all undergraduate courses (from FY2017) and graduate courses (from FY2018), making it easier for students to choose courses.

2. Introduction of Recommendation-based Entrance Examination

Since FY2016, recommendation-based entrance examination have been taking place at UTokyo for the first time in our history. Various evaluation criteria are used, including consideration of the International Baccalaureate, and we are working towards a more diverse student body and a more active undergraduate education. 71 students enrolled in FY2017 through this system.

3. Global Education for Innovation and Leadership Program (GEfIL)

The interdisciplinary specialized program GEfIL (Global Education for Innovation and Leadership) is offered to approximately 100 students, predominantly in the Senior Division (3rd year onwards), selected for their language ability and desire to participate. By participating in the ‘GEfIL Independent Research Project’ and ‘Global Leader Lecture Series’ (Common Undergraduate Courses organized by the Education Steering Committee given in English), as well as overseas programs, the aim is use their specialized academic knowledge as a base to develop creativeness that allows them to propose more innovative solutions for problems facing global society. Simultaneously, it gives them fortitude to work together across disciplinary boundaries, as well as the capability to communicate using foreign languages. In FY2017 the first class of 38 students successfully completed all the educational programs that they registered for.

■ The University's Accomplishment Indicators and Achievement Targets

1. Open Access for Online Courses

From September 2016, in order to expand the diversity of our student body, UTokyo developed a MOOC series titled "Studying at Japanese Universities" as a free online course offered to anyone interested in studying in Japan. 6,000 people, mainly from North and South America, and Asia have taken the course.

2. Students Traveling Abroad for Research

Steps have been made to ease the travel of students overseas, including a push of policies, such as the introduction of a new academic calendar, that give students more mobility. This year more than 4,000 students will travel abroad to conduct fieldwork and other research activities.



〈 MOOC「Studying at Japanese Universities」 〉

■ Initiatives for Enhancement of International Prestige

1. Presence at International Conferences

UTokyo participated in events such as the Presidents' Meeting of IARU (International Alliance of Research Universities), AEARU (Association of East Asian Research Universities), Sino-Japan Presidents' Meeting, and the Japan-Mexico Presidents' Meeting, through which we increased our reputation and presence on the world stage. In 2017, we worked with the AUA (Asian University Alliance), which is made up of 15 of the premier higher learning institutions in Asia, to begin promoting joint student exchange programs and the strengthening of links between universities in Asia.



(IARU Presidents' Meeting at ANU 2017)

2. Promoting International and Interdisciplinary Development

【Results of Promoting Strategic Partnerships with Foreign Universities】

In September 2017, we participated in a joint interdisciplinary workshop with the Group of Stockholm (Stockholm University, KTH Royal Institute of Technology and the Karolinska Institute), held in Stockholm as part of the cross-disciplinary exchange taking place across variety of fields such as engineering, agriculture, medicine, and social science under the theme of "Healthy Aging". This exchange was organized under the framework of "Strategic Partnership Universities Project" and functions as a central part of the project. Additionally, we are pushing for increases in interdisciplinary joint research which has sustainable development goals (SDGs) as a base, and have carried out joint meetings on faculty development and the development of globalization of educational methods in non-English speaking regions. Similarly, we have co-hosted short-term programs that have served as a basis for diverse research and educational activities, made possible by the cooperation of a large number of academic and administrative members from various departments in a show of interdisciplinary cooperation.

Additionally, the strategic partnership with Princeton University has been producing great educational results through student exchanges, as well as fostering outstanding research between world-leading researchers. The partnership in fact precedes the TGU project, and operates on equal funding from both universities sourced from donations. In 2016, five undergraduates from Princeton University attended an interdisciplinary program along with students from the University of Tokyo, where they were able to develop skills in design research programs, while gaining experience in working together with participants of different backgrounds, all while experiencing international exchanges in Japan.

【Overview of the Strategic Partnership Project】

In order to build close, creative, flexible, and special relationships with overseas universities, we began the Strategic Partnership Project with assistance from multiple departments, and have supported 62 projects with 19 universities since FY2014. In FY2017 we sent around 400 students and 300 researchers to these universities and have received around 300 students and 200 researchers from partner universities. Under this program, the University of Tokyo, as well as partner universities including Tsinghua University (Apr 2017), Vietnam National University, Hanoi and Yangon Technical University (May 2017), ETH Zurich (Jan 2018), Seoul National University (Mar 2018) and University of Chicago (Mar 2018) have held symposiums involving multiple fields. Through these activities, we have been able to further develop our collaborative relationships, allowing us to effectively promote student, as well as the academic and administrative members' research and education activities. By FY2017 we had concluded strategic partnership agreements and memorandums with seven universities, and in September 2017 we signed a new agreement with the universities of the Group of Stockholm.



〈 Discussion between students from UTokyo and Princeton University 〉

Furthermore, over 100 people attended the "4th Strategic Partnership Symposium". This symposium was held in English and participants of study abroad programs gave presentations on their experiences. A panel discussion also took place with panelists invited from Peking University and Stockholm University on the role of "English" in research and education at universities in non-English speaking regions. The symposium, in addition to allowing students from the top universities in non-English speaking regions to share their experiences, fostered communication about common topics as well as good educational practices, thereby contributing to strengthening of excellent international educational exchange activities.

■ Miscellaneous Events

1. Developing Policies Worthy of a World-leading Comprehensive Research University in a Non-English Speaking Region

In order to create a new global example for a comprehensive model based on Japan's unique circumstances, we have aimed to achieve the same high standards in research and education as universities in America and Europe. We are actively developing additional programs that are not commonly included in various programs related to globalization, such as Japanese language and education about Japan, while fostering interdisciplinary research and education.

6. FY2018 Progress

【The University of Tokyo】

■ Common indicators and targets

Internationalization

1. “Go Global Gateway”

In April 2018, we introduced the “Go Global Gateway” program concurrent with the enrollment of new students, giving them the opportunity to gain global competence skills for living and working together with diverse people from around the world.

“Global competence” consists of 5 components: I. ‘Communication & Language Skills’, II. ‘Confidence & Determination’, III. ‘Open-mindedness & Flexibility’, IV. ‘Collaboration & Leadership’, which together lead to the acquisition of the last component, V. ‘Global Perspective’.

Soon after entering university, students are expected to nurture a globally-oriented mind and create their own plans to acquire global competence, such as by participating in on-campus and off-campus international exchange activities. UTokyo will issue a certificate when students have gained fundamental skill-sets and meet certain requirements. We hope students will be able to develop international sensitivity through this program, allowing them to maintain a wide perspective while actively studying and working in a variety of fields.

416 students registered for the program in FY2018. We planned various international exchange events and short-term study abroad programs (for example, at the Australian National University, Free University of Berlin, and University of Hawai‘i at Mānoa). Information on these events and programs held on campus were disseminated to the students through the official “Go Global Gateway” website.



Go Global Gateway
Short-term Study Abroad Program
(the Australian National University)

2. Inviting Top Global Scholars

Since FY2014, UTokyo has continually invited prominent researchers from all around the world to give lectures to students and researchers. To date, several recipients of the Nobel Prize and the Fields Medal have given lectures at our university.

3. Improvements to the Education System for Japan/Japanese Studies

UTokyo offers an interdepartmental education program on Global Japan Studies, where students can learn about Japan in English. A system to network all the Japanese language lessons has been developed within the International Education Support Office of the Division for Global Campus Initiatives. It coordinates Japanese lessons in short-term exchange programs and maintains a Japanese portal website. In addition, the Japanese Language Education Center offers Japanese language lessons and works to develop Japanese language learning materials optimized for the diverse needs of university-wide exchange programs and departments.

4. Expansion of Degree Programs in English

In addition to PEAK (Programs in English at Komaba), the English degree program at the College of Arts and Sciences, we have created the Global Science Course (GSC) in the Faculty of Science, which allow students to join the education program from their third year of undergraduate studies. In FY2016, we opened the GSCS (Global Science Graduate Course) as a part of WINGS (World-leading Innovative Graduate Study Program), offering an integrated Master's-doctorate education and research structure for high performing international and domestic students with the aim of fostering global knowledge professionals.

5. Livelihood Supported by the Division for Global Campus Initiatives

We established an international exchange facility called the "Go Global Center" as a base for international exchange on Hongo Campus. We also promote peer support by student tutors, provide international students and researchers with information and support for daily life, and offer booklets and websites to provide information about status, livelihood support in Japan and other issues.

Additionally, we have held a number of workshops on mental health care, as well as prepared an emergency assistance system to improve the living environment of international students.

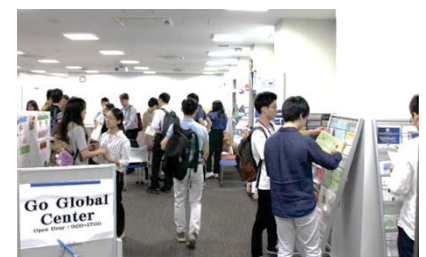
University reform

1. Division for Global Campus Initiatives

In April 2018, the Division for International Affairs was reorganized to establish the Division for Global Campus Initiatives. The various committees, numbering more than 11 were reorganized and integrated into the Operations Meeting of the Division for Global Campus Initiatives and the six Working Groups under it. As a result, the annual burden on researchers due to administrative meetings and office work was significantly reduced, allowing them to spend more time on education and research.

2. Global Advisory Board Meeting

The 2nd UTokyo Global Advisory Board Meeting was held on November 28, 2018. 11 board members from Japan and abroad participated in this year's meeting, “Platforms for Social Change: Tokyo Forum and Beyond”. During the meeting, participants made active and extensive discussions toward the future vision of University of Tokyo.



Go Global Center



The 2nd UTokyo Global Advisory Board Meeting

Education reform

1. Comprehensive Reform of Undergraduate Education

Our new academic calendar, which began in FY2015 based on the 4-term system, is functioning well. Our methods for improving the quality of education, such as through implementing the cap system and a stricter grading method are also performing well. Furthermore, we have implemented a course numbering system for all undergraduate courses (from FY2017) and graduate courses (from FY2018), making it easier for students to choose courses.

2. Introduction of Recommendation-based Entrance Examinations

From FY2016, recommendation-based entrance examinations have been implemented at UTokyo. Using various criteria including International Baccalaureate for evaluation, we aim to welcome diverse students and further improve our undergraduate education. 69 students enrolled in FY2018 through this system.

3. Global Education for Innovation and Leadership Program (GEfIL)

We offer an interdisciplinary specialized program called GEfIL (Global Education for Innovation and Leadership) for approximately 100 students, mainly in the senior division (3rd year onwards), who are selected for their language ability and willingness to participate. In this program, students participate in a “GEfIL Independent Research Project” and “Global Leader Lecture Series” (common undergraduate courses given in English, organized by the Education Steering Committee), as well as overseas programs. It aims to develop their communication ability in foreign languages, ability to collaborate across disciplinary boundaries, and creativity to propose innovative solutions to tackle global issues based on their academic knowledge. In FY2018, 58 students completed all the educational programs and graduated from the course.

■ Initiatives for Enhancement of International Prestige

1. Presence at International Conferences

UTokyo participated in events such as the Presidents’ Meeting of IARU (International Alliance of Research Universities), AEARU (Association of East Asian Research Universities), Japan-China Presidents’ Meeting, through which we improved our global reputation and presence. In 2017, AUA (Asian University Alliance) was founded by 15 higher education institutions, including UTokyo, representing Asian countries and regions to strengthen partnerships amongst Asian universities and promote student exchange.



IARU Presidents’ Meeting 2018
at ETH Zürich

2. Promoting International and Interdisciplinary Development

【Results of Promoting Strategic Partnerships with Foreign Universities】

Using the “Strategic Partnership Universities Project” framework that functions as a core part of the SGU project, we collaborate with the Group of Stockholm Universities (Stockholm University, KTH Royal Institute of Technology and the Karolinska Institute) across a variety of fields such as engineering, agriculture, medicine, and social science under the theme of “Healthy Aging”. With the group, we promote interdisciplinary joint research based on SDGs, and co-organizing workshops such as the one under the title “Multidisciplinary Collaboration for Sustainable Development.” We also have carried out joint meetings on faculty development and education methods of globalization in non-English speaking regions, as well as co-host short-term programs. These research and education activities are promoted based on intensive cooperation of academic and administrative staff from various departments.



Administrative staff of
UTokyo and Princeton University

The strategic partnership with Princeton University, which precedes the SGU project, is operated with equal funding from both universities sourced from donations. It has not only led to outstanding research outcomes, but also produced great results in education through student exchanges. In 2018, a director and some administrative staff from UTokyo visited Princeton University to exchange opinions on multiple themes. Through active discussions and information exchange, our staff deepened their understanding of the similarities and differences between the two universities, and received a number of suggestions to improve the education and research environment at our university.

【Overview of the Strategic Partnership Project】

We began the Strategic Partnership Project with them aim of building close, creative, flexible, and special relationships with overseas universities, and have supported 62 projects with 19 universities since FY2014. In FY2018, we sent approximately 400 students and 260 researchers to foreign universities and have received approximately 320 students and 350 researchers from partner universities. With the project as a basis, we have held symposiums at UTokyo and partner universities including Tsinghua University (July, 2018), Universidad de Chile and Pontificia Universidad Católica de Chile (September, 2018), the Group of Stockholm Universities (October, 2018), Vietnam National University, Hanoi and the Australian National University (November, 2018), National Taiwan University (December, 2018), ETH Zurich (January, 2019), Peking University, Seoul National University, University of Chicago, and University of Cambridge (March, 2019). Through these, we built close relationships that helped to effectively promote education and research activities of our students, researchers and administrative staff. By FY2018, we had concluded strategic partnership agreements and memorandums with 8 universities, and in July 2018, a new agreement was signed with Tsinghua University.

During the 5th Strategic Partnership Symposium, 100 people including students and faculty of our university as well as from other partner universities and universities selected for SGU attended. The symposium was held in English, and presentations and panel discussion took place with the theme: “How can UTokyo work together with Asian Universities?” Discussion topics included language barriers (English and other Asian languages), incentives for studying abroad for students and faculty, each university’s strengths and local knowledge, partner school categories and university strategies. The event was a valuable opportunity for all the participants to consider ways to strengthen collaboration with Asian universities in the future.