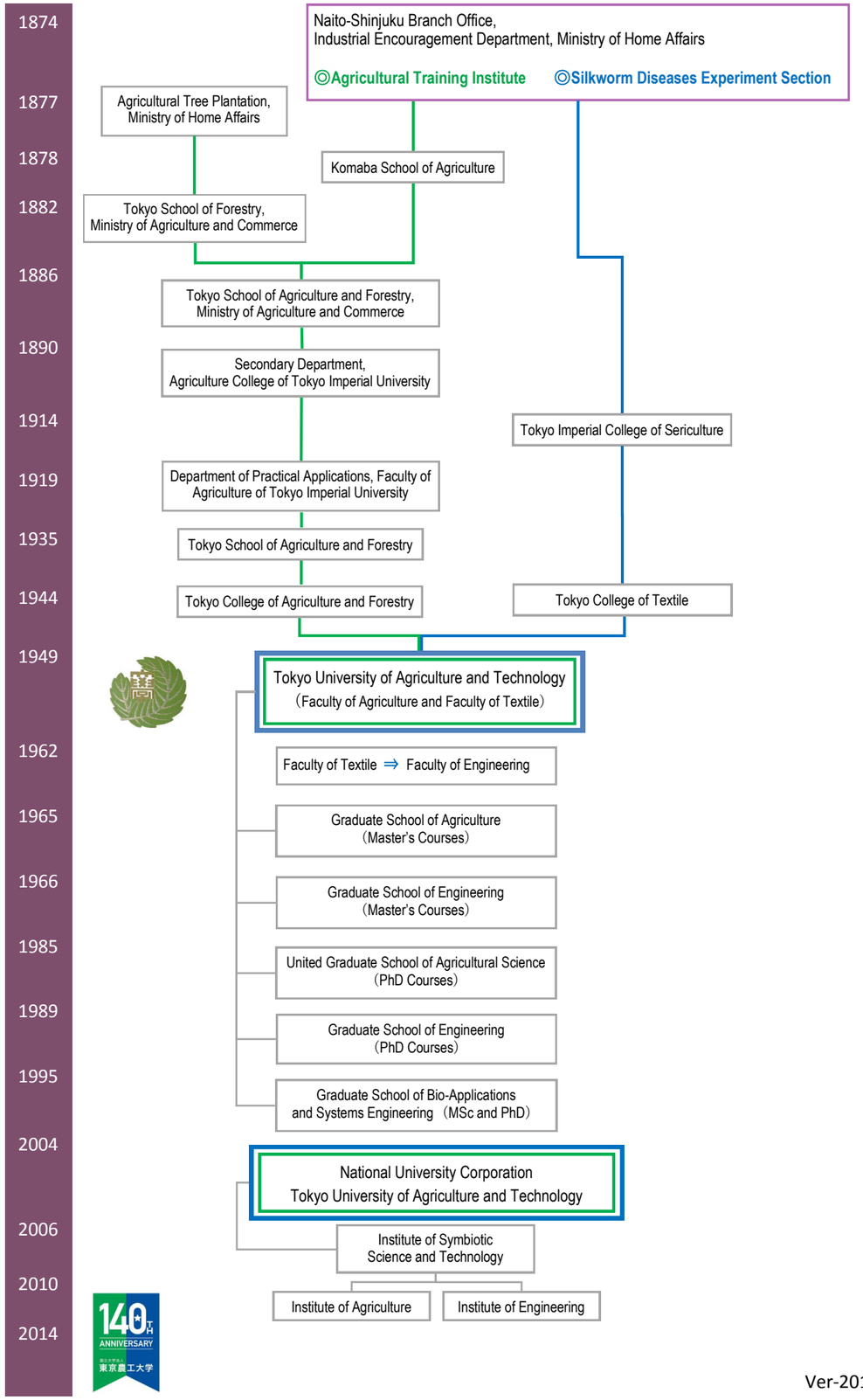
UNIVERSITY HISTORY



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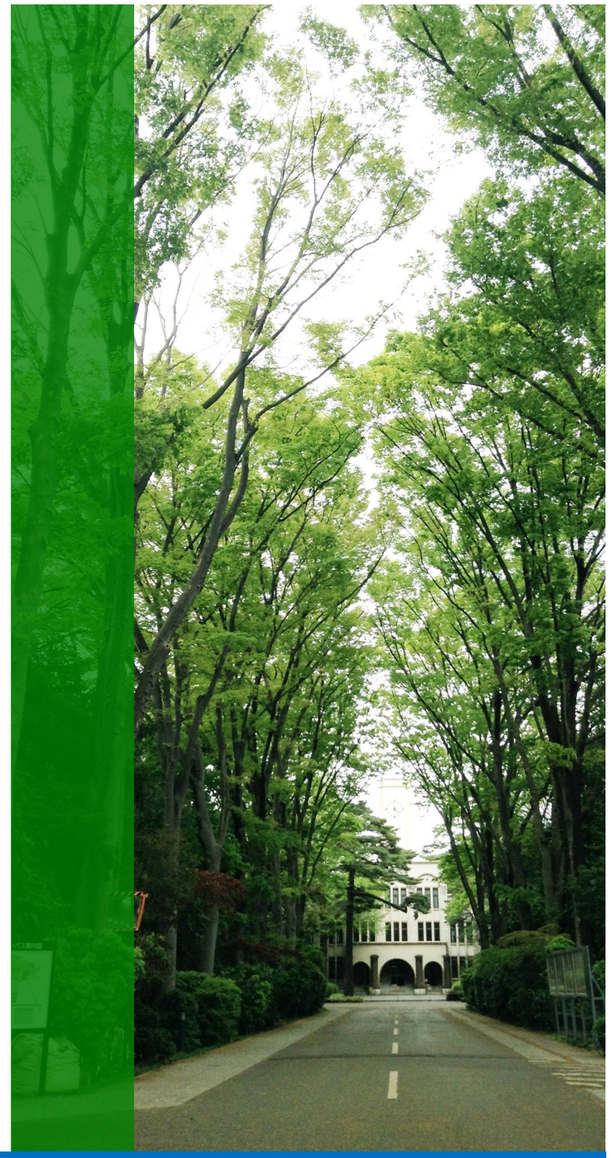


Tokyo University of Agriculture and Technology

Five Departments

- Biological Production
- Applied Biological Science
- Environmental and Natural Resource Sciences
- Ecoregion Science
- Cooperative Department of Veterinary Medicine

"To coexist in harmony with nature, our future begins with agriculture"

農学部

Faculty of Agriculture

The Faculty of Agriculture consists of five departments aimed at contributing to the creation of a sustainable society. We strive to nurture talents with skills and practical capabilities to help address global challenges in the fields of agriculture, life science, environmental science and veterinary medicine.

Common core subjects will provide the fundamentals of various fields of Agriculture, and advanced courses will allow students to gain specialized knowledge through researches that dig deeper into their specialization. We seek students who are eager to challenge the issues targeted by each department and possess the knowledge required to pursue specialized studies in their own fields of interest. Candidates should also possess the following attributes:

1. a desire to understand the challenges facing our global community and regional communities – namely food crisis, energy and the environment – and apply one's knowledge to finding solutions to these challenges;
2. ability to examine the challenges of humankind from a multifaceted perspective, develop one's own opinion and express it to a wide audience; and
3. strong ability in problem solving, backed by knowledge in Math, Sciences and English acquired from practical experiences and studies in high school.

In April 2016:

300 graduated

1,404 enrolled

大学院 GRADUATE SCHOOLS

United Graduate School of Agricultural Science

This is a coordinated effort between three universities- Ibaraki University, Utsunomiya University and TUAT- to offer a three-year doctoral course. The goal is to deepen and develop sciences related to plant and animal production, bio-resources, biological functions and the preservation of bio-materials. Currently we have 30% foreign students, which adds an international flavor to the Graduate School.

Five Departments:

- Biological Production Science
- Applied Biological Chemistry
- Symbiotic Science of Environmental and Natural Resources
- Agricultural and Environmental Engineering
- Science on Agricultural Economy and Symbiotic Society

201 Students
Degrees Awarded in 2016
PhD Course: **49**

United Graduate School of Veterinary Sciences

Offers a four year doctoral course under a joint cooperation between Obihiro University, Gifu University, Iwate University and TUAT. This joint program aims to contribute to the development of veterinary medicine and technology. In response to international needs for veterinary science, this program actively accepts international students whose numbers have increased rapidly in recent years.

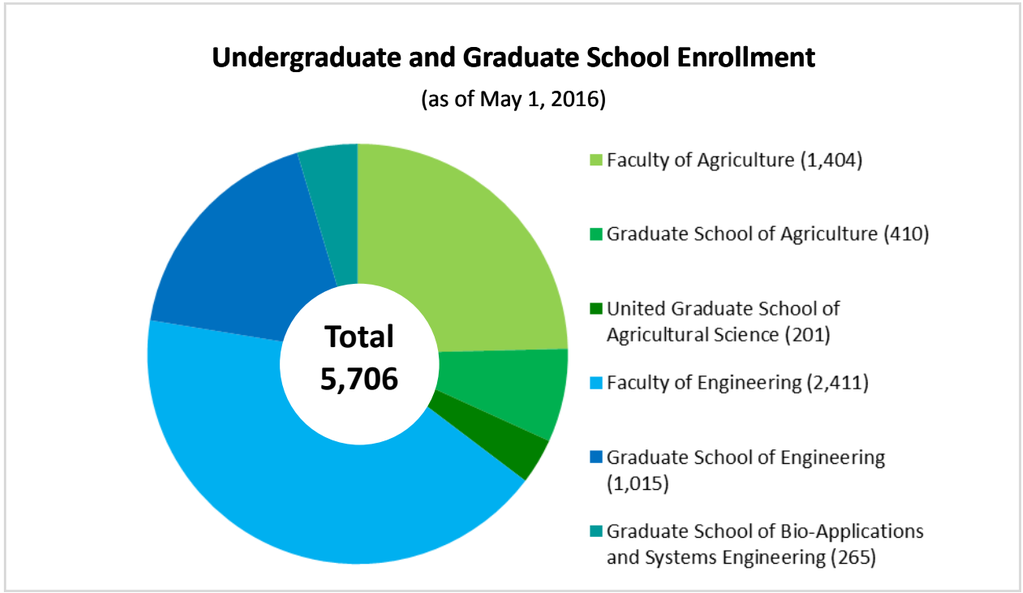
Four Departments:

- Basic Veterinary Science
- Pathogenic Veterinary Science
- Applied Veterinary Science
- Clinical Veterinary Science

Leading Graduate School of Green and Clean Food Production

Launched in October 2012, this program aims to produce talents in a new age of non-petroleum-dependent food production as we attempt to deal with the issue of energy dependent on petroleum in the production of food for the majority of the world population. This is a 5-year doctoral program covering fundamentals of human nature, to include a wide spectrum of subjects in culture, history, economics, ethic, and arts, on top of training to promote cutting edge research in agriculture and technology. We commenced a program for the training of "innovation lea[illegible]a-tion" with the cooperation of leading academic universities and academics including Cornell University, and the Food and Agriculture Organization of the United Nations (FAO).

23 students
(May 2016)



大学院 GRADUATE SCHOOLS

Graduate School of Agriculture

Offers a two-year Master's course with the aim of developing specialized skills in biological functions, biological resources, the environment and information technology, all of which are indispensable in resolving global issues concerning population, food and natural resources in the 21st century. Through mission oriented research, graduates will develop a broad and deep understanding of nature and human beings, society and culture. Upon completing their Master's degree, graduates will have the option of progressing on to a doctoral degree at affiliated institutions.

410 Students (May 2016)
March 2016 Graduates:
Masters' Course: **194**

Nine Departments:

- Science of Biological Production
- Studies in Sustainable and Symbiotic Society
- Applied Biological Chemistry
- Bioregulation and Biointeraction
- Natural Resources and Eco-materials
- Environmental Science on Biosphere
- Environmental Conservation
- Environmental and Agricultural Engineering
- International Environmental and Agricultural Science

Graduate School of Engineering

Offers a two-year Master's and a three-year Doctoral Courses. Our programs will develop a solid foundation of knowledge, which will provide graduates with a high sense of ethics and an exceptional ability to grasp the essence of the issues. We are also highly ranked among national universities in Japan in terms of collaborative research with private enterprises and foreign research organizations.

1,015 students (May 2016)
March 2016 Graduates:
Master's Course: **390**
PhD Course: **37**

Seven Departments for Master's Program:

- Biotechnology and Life Science
- Applied Chemistry
- Mechanical Systems Engineering
- Applied Physics
- Electrical and Electronic Engineering
- Computer and Information Sciences
- Industrial Technology and Innovation (Professional Degree Program)

Four Departments for Doctoral Program:

- Biotechnology and Life Science
- Applied Chemistry
- Mechanical Systems Engineering
- Electronics and Information Engineering

Graduate School of Bio-Applications and Systems Engineering

Established in 1995 to offer a two-year master's course and a three-year doctoral course. BASE aims to foster talented individuals endowed with both a wide range of perspectives in the combined disciplines of agriculture and engineering. In response to social demands, this Graduate School encourages the re-education of specialized engineers who are already in the workforce. In 2005, a joint project was initiated between TUAT and Waseda University, a private university, to promote the commercialization of research findings. In addition a new course, "Advance Health Science", was established and it is the first collaboration of its kind in Japan between a national university and a private university.

Three Departments:

- Bio-Applications and Systems Engineering
- Joint Major in Advance Health Science
- Food and Energy Systems Science (5-year Integrated Graduated Course)

265 students* (May 2016)
March 2016 Graduates:
Master's Course: **60**
PhD Course: **19**

*includes Leading Graduate School Students

Eight Departments

- Biotechnology and Life Science
- Applied Chemistry
- Organic and Polymer Materials Chemistry
- Chemical Engineering
- Mechanical Systems Engineering
- Applied Physics
- Electrical and Electronic Engineering
- Computer and Information Sciences

"Always stay with cutting edge science and technology, as we strive to develop graduates to become future leader"

工学部

Faculty of Engineering

The Faculty of Engineering provides educational programs with the goal of developing active and creative graduates to be at the forefront of scientific and technological progress. Students will gain fundamental knowledge on key concepts such as space, robotic, optics, information, substances, biotechnology and safety, all of which cover a wide spectrum of science and technology.

We aim to select students with three main attributes:

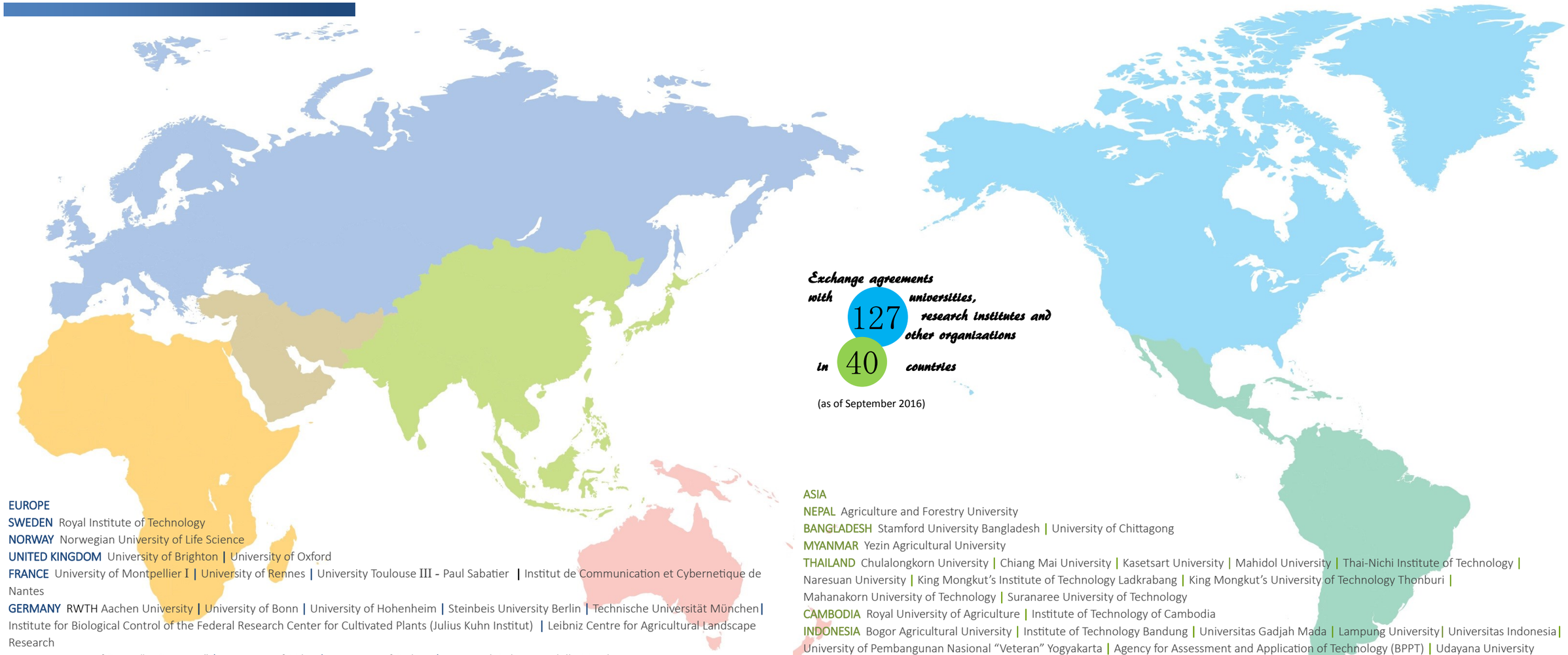
1. a deep interest in nature and a strong desire to create products. And apply one's knowledge to contribute to the realization of a sustainable society;
2. objectively understand global challenges, develop one's own opinion and able to express it to a wider audience; and
3. strong ability in problem solving and applying fundamental knowledge to practical situations.

Our excellent educational environment, state of the art facilities and enthusiastic professors will motivate students to excel with their research and deepen their interest in the field of engineering. In addition, our research activities are ranked among Japan's best through variety of collaborations with other national and foreign institutions, private enterprises and industry leaders in the field of R&D.

Join our faculty and acquire a passion for learning!

In April 2016:
610 graduated
2,411 enrolled

Global Network and Affiliations



Exchange agreements with **127** *universities, research institutes and other organizations in* **40** *countries*

(as of September 2016)

EUROPE

SWEDEN Royal Institute of Technology
NORWAY Norwegian University of Life Science
UNITED KINGDOM University of Brighton | University of Oxford
FRANCE University of Montpellier I | University of Rennes | University Toulouse III - Paul Sabatier | Institut de Communication et Cybernetique de Nantes
GERMANY RWTH Aachen University | University of Bonn | University of Hohenheim | Steinbeis University Berlin | Technische Universität München | Institute for Biological Control of the Federal Research Center for Cultivated Plants (Julius Kuhn Institut) | Leibniz Centre for Agricultural Landscape Research
ITALY University of Rome "La Sapienza" | University of Milan | University of Padova | Università Poltecnica delle Marche
SPAIN Universidad de Oviedo | Universitat de Valencia
CZECH The Czech Technical University in Prague
POLAND Polish-Japanese Institute of Information Technology
RUSSIA Pacific National University | Lomonosov Moscow State University
BULGARIA Trakia University
UZBEKISTAN National University of Uzbekistan
UKRAINE National Technical University of Ukraine "Kyiv Polytechnic Institute"
AUSTRIA University of Veterinary Medicine, Vienna
FINLAND University of Oulu

MIDDLE EAST

AFGHANISTAN Kabul University
SAUDI ARABIA King Abdulaziz University
TURKEY Ankara University | Karadeniz Technical University | Istanbul Technical University
UNITED ARAB EMIRATES United Arab Emirates University

AFRICA

EGYPT Benha University
GHANA University of Ghana

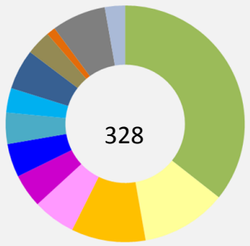
OCEANIA

AUSTRALIA Monash University | Flinders University

UNITED NATIONS

Food and Agriculture Organization of the United Nations (FAO)

International Student Enrollment by Country
(as of May 1, 2016)



China (117)	Afghanistan (15)	Americas (4)
Vietnam (38)	Bangladesh (14)	Other Asia (24)
Indonesia (33)	Thailand (11)	Others (9)
Korea (19)	Africa (18)	
Malaysia (15)	Europe (11)	

ASIA

NEPAL Agriculture and Forestry University
BANGLADESH Stamford University Bangladesh | University of Chittagong
MYANMAR Yezin Agricultural University
THAILAND Chulalongkorn University | Chiang Mai University | Kasetsart University | Mahidol University | Thai-Nichi Institute of Technology | Naresuan University | King Mongkut's Institute of Technology Ladkrabang | King Mongkut's University of Technology Thonburi | Mahanakorn University of Technology | Suranaree University of Technology
CAMBODIA Royal University of Agriculture | Institute of Technology of Cambodia
INDONESIA Bogor Agricultural University | Institute of Technology Bandung | Universitas Gadjah Mada | Lampung University | Universitas Indonesia | University of Pembangunan Nasional "Veteran" Yogyakarta | Agency for Assessment and Application of Technology (BPPT) | Udayana University
PHILIPPINES Visayas State University | University of the Philippines Los Baños | University of the Philippines Diliman | Saint Louis University | De La Salle University
MALAYSIA Universiti Teknologi Malaysia | Universiti Putra Malaysia
VIETNAM Can Tho University | Ho Chi Minh City International University | Bach Ma National Park | FPT University | Hue University | Hanoi University of Science and Technology | Ho Chi Minh City University of Technology | Nong Lam University | Vietnam Forestry University | University of Science, Vietnam National University - Ho Chi Minh City | Vietnam National University of Agriculture
LAOS National University of Laos
CHINA Beijing Forestry University | Beijing University of Posts and Telecommunications | China Agricultural University | Donghua University | Chinese Research Academy of Environmental Sciences | Dalian University of Technology | East China University of Science and Technology | Guizhou University | Nanjing Agricultural University | Nanjing Forestry University | Nanjing Tech University | Northeast Agricultural University | Northeast Forestry University | Shanghai Academy of Agricultural Sciences | Shanghai Jiao Tong University | Shenyang Agricultural University | Soochow University | Tsinghua University | Yunnan Nationalities University | Zhejiang University | Hefei University of Technology
KOREA Kyung Hee University | Jeju National University | Gyeongsang National University | Chonnam National University | Kyungpook National University
TAIWAN Industrial Technology Research Institute
BRUNEI DARUSSALAM Universiti Brunei Darussalam
SRI LANKA University of Peradeniya

THE AMERICAS

UNITED STATES OF AMERICA University at Buffalo, The State University of New York | University of California, Davis | Cornell University | University of Hawaii at Manoa | Purdue University | Hunter College of the City of New York | University of California at Riverside | Arizona State University | University of Arizona | University of Georgia
MEXICO Universidad Autónoma Chapingo
BRAZIL Universidade Estadual Paulista | Universidade Estadual de Campinas
PERU Universidad Nacional Agraria La Molina