Some national projects for internationalization of universities in Japan

Regional Report: Japan

Shinnosuke Obi
Keio University
Contents

• Overview

• Introduction of selected projects by MEXT, Ministry of Education, Culture, Sports, Science and Technology
  • Fostering incoming international students
  • Internationalization of universities in Japan
  • Scholarship programs for outgoing Japanese students

• Network building in ASEAN Universities through ODA

• Practice at Keio University, Japan

www.apaie2018.org
Number of International Students in Japan

As of May 1, 2017
Source: JASSO
<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Numbers of students</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>107,260</td>
<td>40.1%</td>
</tr>
<tr>
<td>Vietnam</td>
<td>61,671</td>
<td>23.1%</td>
</tr>
<tr>
<td>Nepal</td>
<td>21,500</td>
<td>8.0%</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>15,740</td>
<td>5.9%</td>
</tr>
<tr>
<td>Taiwan</td>
<td>8,947</td>
<td>3.4%</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>6,607</td>
<td>2.5%</td>
</tr>
<tr>
<td>Indonesia</td>
<td>5,495</td>
<td>2.1%</td>
</tr>
<tr>
<td>Myanmar</td>
<td>4,816</td>
<td>1.8%</td>
</tr>
<tr>
<td>Thailand</td>
<td>3,915</td>
<td>1.5%</td>
</tr>
<tr>
<td>Malaysia</td>
<td>2,945</td>
<td>1.1%</td>
</tr>
<tr>
<td>Others</td>
<td>28,076</td>
<td>10.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>267,042</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

As of May 1, 2017
Source: JASSO

Top 10 Countries Delivering International Students to Japan
MEXT Projects Fostering Incoming International Students

• Strategic Fund for Establishing International Headquarters in Universities
  • 20 pilot universities received grants for 5 years (FY 2005-2009)

• Project for Establishing University Network for Internationalization (Global 30)
  • 13 selected universities to foster Internationalization through e.g. degree programs delivered in English (FY 2009-2013)

www.apaie2018.org
MEXT Projects to Promote Internationalization of Universities

• Re-Inventing Japan Project (FY 2011-2016)
  Inter-University Exchange Project (FY 2017- )
  • Establish quality-assured international collaborative programs through credit/grade transfer
  • Designated target areas:
    • China-Korea-Japan Campus Asia (FY 2011-2016, FY 2017-2020)
    • US, Europe, Oceania (FY 2011-2015)
    • ASEAN (FY 2012-2016)
    • Russia, India (FY 2014-2018, FY 2017-2021)
<table>
<thead>
<tr>
<th>CHINA</th>
<th>KOREA</th>
<th>JAPAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peking University</td>
<td>Seoul National University</td>
<td>University of Tokyo</td>
</tr>
<tr>
<td>Tsinghua University</td>
<td>KAIST</td>
<td>Tokyo Institute of Technology</td>
</tr>
<tr>
<td>Peking University</td>
<td>Seoul National University</td>
<td>Hitotsubashi University</td>
</tr>
<tr>
<td>Tsinghua University</td>
<td>KDI School</td>
<td>GRIPS</td>
</tr>
<tr>
<td>Renmin University of China</td>
<td>Sungkyunkwan University</td>
<td>Nagoya University</td>
</tr>
<tr>
<td>Nanking University</td>
<td>POSTECH</td>
<td>Nagoya University</td>
</tr>
<tr>
<td>Shanghai Jiaotong University</td>
<td>Seoul National University</td>
<td>Tohoku University</td>
</tr>
<tr>
<td>Fudan University</td>
<td>Korea University</td>
<td>Kobe University</td>
</tr>
<tr>
<td>Jilin University</td>
<td>Sungkyunkwan University</td>
<td>Okayama University</td>
</tr>
<tr>
<td>Shanghai Jiaotong University</td>
<td>Pusan National University</td>
<td>Kyushu University</td>
</tr>
<tr>
<td>Guangdong University of Foreign Studies</td>
<td>Dongseo University</td>
<td>Ritsumeikan University</td>
</tr>
</tbody>
</table>

https://www.jsps.go.jp/j-tenkairyoku/concept_list2.html

Campus Asia Phase 1

www.apaie2018.org
<table>
<thead>
<tr>
<th>CHINA</th>
<th>KOREA</th>
<th>JAPAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tsinghua University, Zhejiang University</td>
<td>Yonsei University</td>
<td>Chiba University</td>
</tr>
<tr>
<td>Peking University</td>
<td>Seoul National University</td>
<td>The University of Tokyo</td>
</tr>
<tr>
<td>Beijing Normal University</td>
<td>Seoul National University of Education</td>
<td>Tokyo Gakugei University</td>
</tr>
<tr>
<td>Communication University of China</td>
<td>Korea National University of Arts</td>
<td>Tokyo University of the Arts</td>
</tr>
<tr>
<td>Shanghai Ocean University</td>
<td>Korea Maritime and Ocean University</td>
<td>Tokyo University of Marine Science and Technology</td>
</tr>
<tr>
<td>Peking University, Tsinghua University, Shanghai Jiaotong University, Tianjin University of Traditional Chinese Medicine</td>
<td>Yonsei University</td>
<td>Osaka University</td>
</tr>
<tr>
<td>Tongji University</td>
<td>Pusan National University</td>
<td>Kyushu University</td>
</tr>
<tr>
<td>Shandong University</td>
<td>Sungkyunkwan University</td>
<td>Nagasaki University</td>
</tr>
<tr>
<td>Peking University</td>
<td>Korea University</td>
<td>Waseda University</td>
</tr>
</tbody>
</table>

https://www.jsps.go.jp/j-tenkairyoku/concept_list2.html
MEXT Projects to Promote Internationalization of Universities

• Go Global Japan Project (FY 2012-2016)
  • Type A 11 universities: Programs for the entire university
  • Type B 31 universities: Programs for departments and graduate schools

• Top Global University Project (FY 2014-2023)
  • Type A: Top Type 13 universities to be ranked in the top 100 in world university rankings
  • Type B: Global Traction Type 24 universities to lead the internationalization of Japanese universities

www.apaie2018.org
<table>
<thead>
<tr>
<th>Research student</th>
<th>Teacher training student</th>
<th>Undergraduate student</th>
<th>Japanese studies student</th>
<th>College of technology student</th>
<th>Special training college student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate school level</td>
<td>University, college graduate or equivalent</td>
<td>Secondary school graduate or equivalent</td>
<td>University student (undergraduate level)</td>
<td>Graduates of secondary schools or equivalent</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eligibility requirement</th>
<th>Under 35</th>
<th>At least 17 and under 22</th>
<th>At least 18 and under 30</th>
<th>At least 17 and under 22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>Maximum 2 years including Japanese language training</td>
<td>Maximum 1 year 6 months including Japanese language training</td>
<td>5 years including Japanese language training (7 years for medicine, dentistry, pharmacy and veterinary science)</td>
<td>One academic year</td>
</tr>
<tr>
<td></td>
<td>4 years including Japanese language training(4 and a half years for merchant marines studies)</td>
<td>3 years including Japanese language training</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Planned number of new scholarship recipients | 4,042 people | 89 people | 460 people | 100 people | 86 people | 90 people |
| Scholarship stipend | ¥143,000~148,000 per month | ¥117,000~120,000 per month |
| Tuition | Tuition for national universities and Institute of National College of Technology waived; tuition for public and private universities paid for by the Ministry of Education, Culture, Sports, Science and Technology |
| Travel allowance | Roundtrip fare (air ticket) provided |


Scholarship Programs for International Students by MEXT

www.apaie2018.org
Other Scholarship Programs for Incoming Students

• Scholarship for Privately-Financed International Students through JASSO, Japan Student Services Organization
  • 30,000 – 48,000 JPY/Month for 12 months
• Local Government, Private Foundations, etc.
  • Provided mostly after entry in the country
Scholarship Programs for Japanese Students Going Abroad

• Tobitate! (Leap for Tomorrow) Study Abroad Initiative
  • Contribution by private sector
  • High school students to graduate students
  • 2 to 24 months
  • Pre- and post-programs in cooperation with private sector

• JASSO Scholarship for Study Abroad
  • Degree programs
  • Full support for tuition/fees and living expenses
  • Undergraduate and post graduate programs
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Network of 40 Engineering Universities in ASEAN and Japan

10 ASEAN countries:
- 26 Member Institutions

Japan:
- 14 Supporting Universities

- University of Yangon
- Yangon Technological University
- Chulalongkorn University
- King Mongkut's Institute of Technology Ladkrabang
- Burapha University
- Kasetsart University
- Thammasat University
- Hokkaido University
- Keio University
- Kyoto University
- Kyushu University
- Nagoya University
- National Graduate Institute for Policy Studies
- Osaka University
- Shibaura Institute of Technology
- Tohoku University
- Tokai University
- Tokyo Institute of Technology
- Toyohashi University of Technology
- The University of Tokyo
- Waseda University

- National University of Laos
- Hanoi University of Science and Technology
- Ho Chi Minh City University of Technology
- University of the Philippines – Dilliman
- De La Salle University
- Mindanao State University – Iligan Institute of Technology
- Universiti Brunei Darussalam
- Universiti Teknologi Brunei
- Institut Teknologi Bandung
- Universitas Gadjah Mada
- Institut Teknologi Sepuluh Nopember
- Universitas Indonesia

- Institute of Technology of Cambodia
- Universiti Sains Malaysia
- Universiti Malaya
- Universiti Putra Malaysia
- Universiti Teknologi Malaysia

- National University of Singapore
- Nanyang Technological University

Network of 40 Engineering Universities in ASEAN and Japan

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- Burapha University
- Kasetsart University
- Thammasat University
- Hokkaido University
- Keio University
- Kyoto University
- Kyushu University
- Nagoya University
- National Graduate Institute for Policy Studies
- Osaka University
- Shibaura Institute of Technology
- Tohoku University
- Tokai University
- Tokyo Institute of Technology
- Toyohashi University of Technology
- The University of Tokyo
- Waseda University

- National University of Laos
- Hanoi University of Science and Technology
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- Universiti Teknologi Brunei
- Institut Teknologi Bandung
- Universitas Gadjah Mada
- Institut Teknologi Sepuluh Nopember
- Universitas Indonesia

- Institute of Technology of Cambodia
- Universiti Sains Malaysia
- Universiti Malaya
- Universiti Putra Malaysia
- Universiti Teknologi Malaysia

- National University of Singapore
- Nanyang Technological University

http://www.seed-net.org/
AUN/SEED-Net: ODA by JICA

Achievement by Phase 3

(1) Improvement of Quality of Academic Staff: **1,384 Master and PhD scholarship**
(2) Improvement of Quality of Research: **211 Research Projects**
(3) Mobility/Network: **More than 700 Trips** (Research Fellowship, Short-term Research Program in Japan, Short-term Visit Program in ASEAN, Japanese Professor Dispatch Program)

Project Purpose of Phase 4

The network of AUN/SEED-Net among member countries is well maintained and expanded.

- Networks among Member Institutions (MIs), Industry and community are strengthened
- Joint research is promoted for solving regional issues
- Research and educational capacity of MIs is enhanced through collaboration among MIs/Japanese Supporting Universities (JSUs)
- Academic network among MIs/JSUs is strengthened and expanded

http://www.seed-net.org/

www.apaie2018.org
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www.apaie2018.org
Japan’s First Modern Institution of Higher Education

Founded in 1858 by Yukichi Fukuzawa, a visionary and intellectual leader, Keio is the first modern institution of higher education in Japan.

Fukuzawa was a member of the first Japanese envoy to the US in 1860. He visited Europe in 1862 and the US once again in 1867.

Understanding the societies and morals of 19th century Europe and North America, Fukuzawa realized the urgent need for Japan to catch up, and he established a school for Dutch studies in 1858. The school’s focus shifted to English studies in 1863. The school was renamed as Keio Gijuku or “Keio School” in 1868.

His portrait appears on Japan’s highest denomination banknote, the 10,000 yen note.
Keio University has **10 undergraduate faculties, 14 graduate schools, over 20 research centers**, a university hospital, and affiliated schools (including Keio Academy of New York) for elementary and secondary education on 6 campuses and other locations in the greater Tokyo area.
Number of Students

Undergraduate
Total 28,683

Graduate (Master’s)
Total 3,502

Graduate (Doctoral)
Total 1,345
Facts and Figures

- Total No. of Full-time University Faculty: 2,250+
- Student-to-faculty Ratio: 15 to 1
- Countries & Regions Represented in Our Student Body: 70+
- Degree Programs Offered in English: 24
- Double Degree Programs: 28
- 24 billion yen Scholarship Fund
- Million Book Volumes in Libraries One of the Largest in Japan in 2018 (Asahi Shimbun Publications Inc.)
- Almuni worldwide: 370,000+
- Prime Ministers: 3
- Astronauts: 2
# Rankings

## In Japan

<table>
<thead>
<tr>
<th>No.1</th>
<th>No.1</th>
<th>1st</th>
<th>1st</th>
<th>No.1</th>
<th>No.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>for Grant-in-Aid for Scientific Research (private universities)</td>
<td>for female faculty member ranking 2018 (Asahi Shimbun Publications Inc.)</td>
<td>on Japanese National CPA Exams for 43 Years in a Row in 2017</td>
<td>on the Japanese National BAR Exams in 2017</td>
<td>University in Japan to Invest in its Library in 2017</td>
<td>for number of books loaned out (per year) 2018 (Asahi Shimbun Publications Inc.)</td>
</tr>
</tbody>
</table>

## In the World

<table>
<thead>
<tr>
<th>9th</th>
<th>14th</th>
<th>37th</th>
<th>48th</th>
<th>10th</th>
</tr>
</thead>
</table>
International Exchange

Programs for International Students

• **28** double degree programs
• **3** undergraduate & **21** graduate degree programs offered entirely in English

International Students

• **1,677** international students from over **70** countries

  • **Undergraduate**
    China 291, Korea 214, USA 17, Taiwan 10, Indonesia 7

  • **Graduate**
    China 317, France 47, Taiwan 47, Korea 34, Indonesia 33

• **Japanese Language & Short-term Programs**
  China 103, USA 45, France 30, Taiwan 28, **Germany 22**

Membership in University Consortiums

Includes:

• **GULF: Global University Leaders Forum** at World Economic Forum
• **APRU**: Association of Pacific Rim Universities
• **APAIE**: Asia-Pacific Association for International Education
• **T.I.M.E.**: Top Industrial Managers for Europe
• **CEMS**: Global Alliance in Management Education (Formerly known as the Community of European Management Schools and International Companies).

As of May 1, 2017
International Collaboration

Global University Leaders Forum 2018 at World Economic Forum

Experience Japan Exhibition at the Royal Society London in November 2017

Japan-Korea Millennium Forum in October 2017

Collaboration with Yokohama and Kawasaki Cities to host the Team GB Preparation Camp for Tokyo 2020 Olympic Games

Keio University

On-line lecture series to be launched in October 2018 following the Keio-Cologne Symposium in February
Research at Keio

Over 40 research institutes and advanced research facilities and 16 joint research hubs abroad

19.2 billion yen of external research funding
(More externally funded research than any other private university in Japan)
654 patents and consistently an Intellectual Property leader in Japan

Industry-Academia Research
  4.1 billion yen of research funding from industry
University-wide Comprehensive Partnership Agreement

Keio Innovation Initiative (KII)
  Venture capital fund dedicated to innovation established to develop new industries based on leading-edge research findings.
Keio was selected as one of the 13 Top Type (Type A) research universities for the Top Global University Project by the government in 2014 and will be receiving financial support for a maximum of 10 years. The Project aims to bolster the international competitiveness of Japanese higher education by providing priority support to universities dedicated to thorough internationalization and university reform.

Keio has formed the research and educational initiatives of Longevity, Security, and Creativity as its own Global Initiatives to address global issues which Japan is facing first among developed nations, namely, an ageing population; increased risks to environmental, economic, and regional security; and high demand for innovation.

In November 2016, Keio established Keio Global Research Institute (KGRI) to showcase and facilitate interdisciplinary research under the three initiatives.
Private Universities in Japan

Private institutions for modern higher education—today’s private universities—were established during the modernization of Japan. In Japan, many leaders and professionals have graduated from, and more than 70% of university students study at private universities.

Years in which Major Japanese Universities Were Founded

<table>
<thead>
<tr>
<th>Year</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>1858</td>
<td>Keio</td>
</tr>
<tr>
<td>1875</td>
<td>Doshisha</td>
</tr>
<tr>
<td>1882</td>
<td>Waseda</td>
</tr>
<tr>
<td>1885</td>
<td>Chuo</td>
</tr>
<tr>
<td>1920</td>
<td>Meiji Hosei</td>
</tr>
<tr>
<td>Edo</td>
<td>Meiji 1867-1911</td>
</tr>
<tr>
<td>- 1867</td>
<td></td>
</tr>
<tr>
<td>1877</td>
<td>Tokyo</td>
</tr>
<tr>
<td>1897</td>
<td>Kyoto</td>
</tr>
<tr>
<td>1907</td>
<td>Tohoku</td>
</tr>
<tr>
<td>1911</td>
<td>Kyushu</td>
</tr>
<tr>
<td>1918</td>
<td>Hokkaido</td>
</tr>
<tr>
<td>1931</td>
<td>Osaka</td>
</tr>
<tr>
<td>1939</td>
<td>Nagoya</td>
</tr>
</tbody>
</table>

No. of Universities as of May 2014

- Private: 603 (77%)
- Local: 86 (11%)
- National: 92 (12%)

No. of University Students as of May 2014

- Private: 2,094,978 (73%)
- Local: 612,509 (22%)
- National: 148,042 (5%)

Source: MEXT
Financing of Japanese Universities: 
Private vs. National (former Imperial)

The number of students at Keio is similar to that of former imperial universities like the University of Tokyo. However, the annual budget of UTokyo is 70% larger than that of Keio. Tuition fees and medical services are major sources of income at Keio. Government subsidies and research funds are major sources of income for UTokyo, and most of their budget comes from the government.

**Keio University**

**FY2017 Budget 154,683 Million Yen**

<table>
<thead>
<tr>
<th>Source of Income</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition Fees</td>
<td>35%</td>
</tr>
<tr>
<td>Medical Services</td>
<td>12%</td>
</tr>
<tr>
<td>Sponsored Support</td>
<td>9%</td>
</tr>
<tr>
<td>Investment Income</td>
<td>6%</td>
</tr>
<tr>
<td>Other Income</td>
<td>9%</td>
</tr>
<tr>
<td>Gifts</td>
<td>2%</td>
</tr>
</tbody>
</table>

**Undergraduate**
- 28,683 Academic staff
- 4,847 Non-Academic staff
- Total: 33,530

**Graduate**
- 1,567 Academic staff
- 3,095 Non-Academic staff
- Total: 4,662

**The University of Tokyo**

**FY2017 Budget 259,453 Million Yen**

<table>
<thead>
<tr>
<th>Source of Income</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Tuition Fees</td>
<td>10%</td>
</tr>
<tr>
<td>University Hospital</td>
<td>18%</td>
</tr>
<tr>
<td>Government Subsidies for Management Expenses</td>
<td>32%</td>
</tr>
<tr>
<td>Subsidies for Facilities Construction/Maintenance</td>
<td>18%</td>
</tr>
<tr>
<td>Collaborative Research and Endowment Projects</td>
<td>32%</td>
</tr>
<tr>
<td>Research Grants</td>
<td>2%</td>
</tr>
</tbody>
</table>

**Undergraduate**
- 14,002 Academic staff
- 13,447 Non-Academic staff
- Total: 27,449

**Graduate**
- 2,485 Academic staff
- 3,978 Non-Academic staff
- Total: 6,463

(Source: University Websites as of May 1, 2017)
Thank You

For more information visit us at:

www.keio.ac.jp/en/