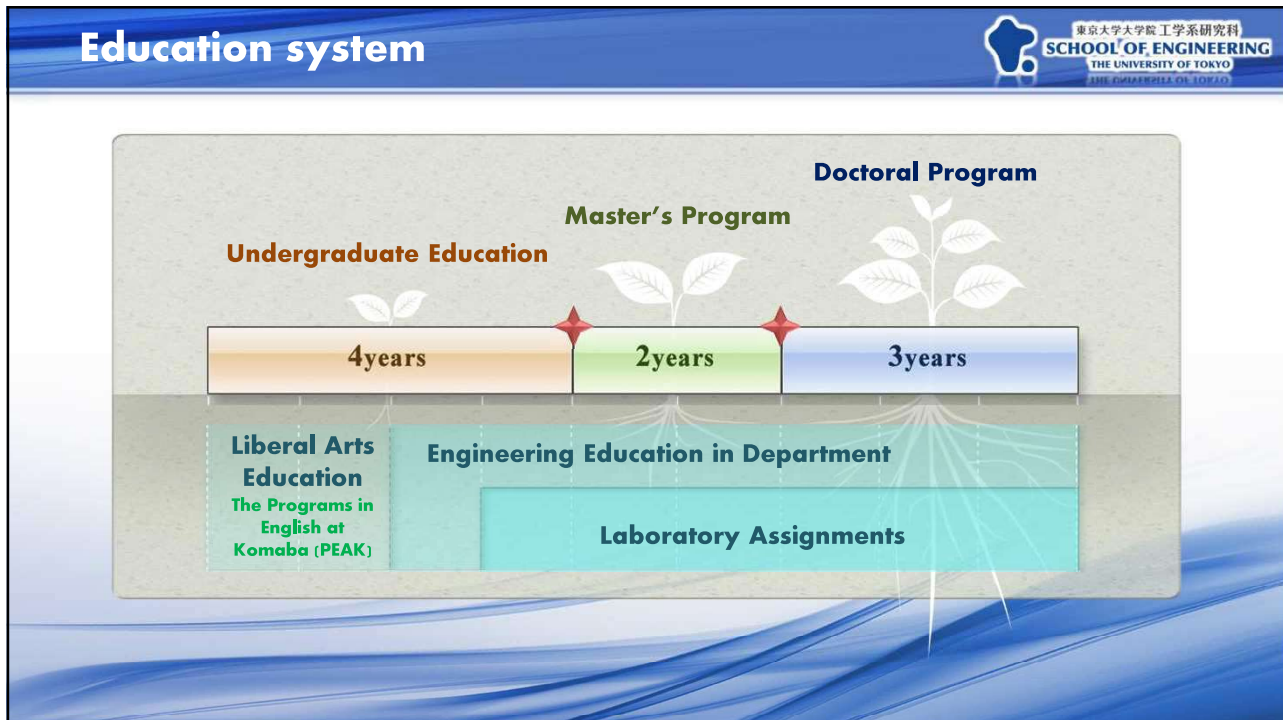




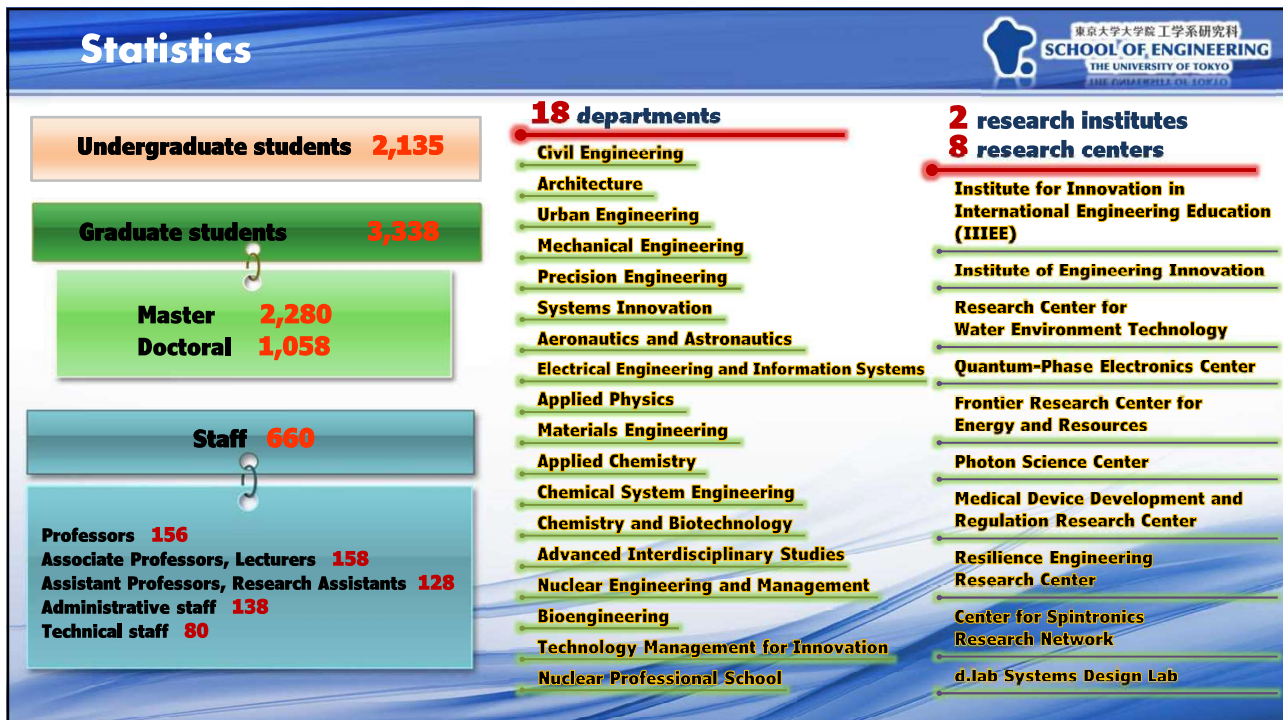
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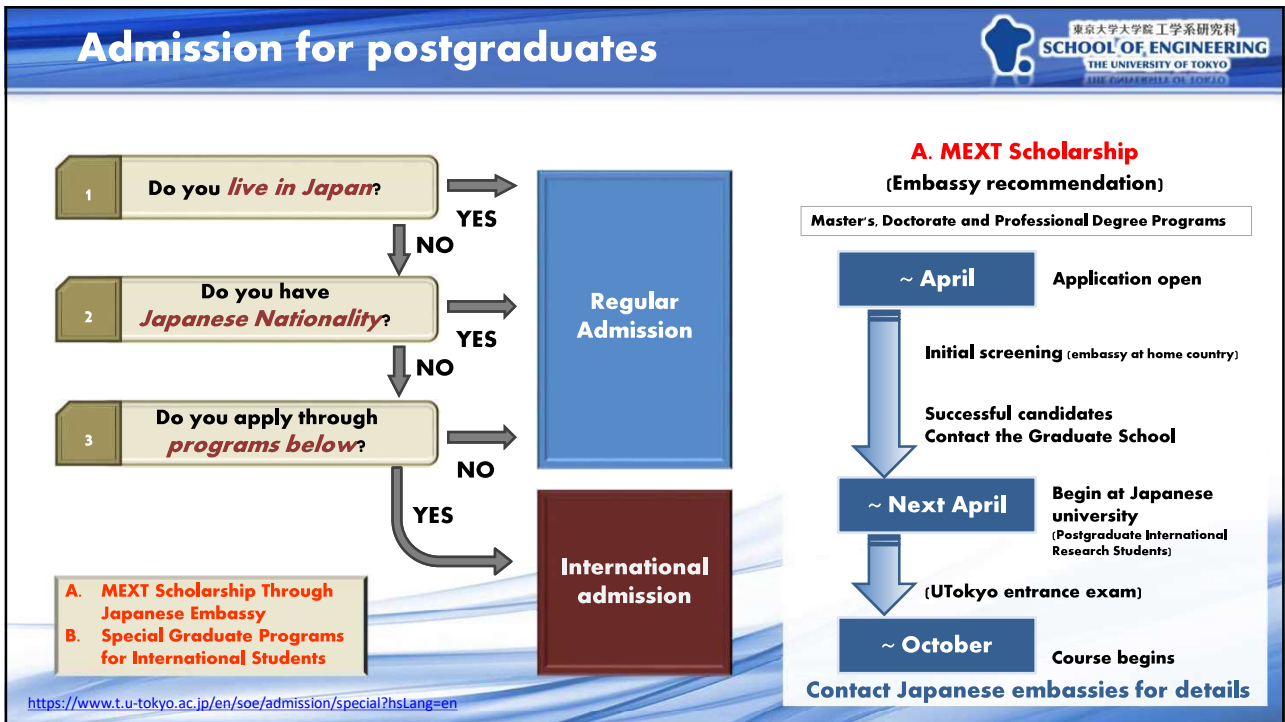
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4



5

Admission for postgraduates



東京大学大学院工学系研究科
SCHOOL OF ENGINEERING
THE UNIVERSITY OF TOKYO
THE UNIVERSITY OF TOKYO

B. Special Graduate Programs for International Students

Full English courses

International admission

Departments	Programs	Entry
Civil Engineering	International Graduate Program in the Field of Civil Engineering and Infrastructure Studies	Apr/Oct
Urban Engineering	Graduate Program for International Students in Urban and Environmental Studies	Oct
Systems Innovation Nuclear Engineering and Management	Special Graduate Program in Resilience Engineering	Apr/Oct
Mechanical Engineering Electrical Engineering & Information Systems Materials Engineering Aeronautics and Astronautics Chemical System Engineering Precision Engineering Bioengineering (Doctoral only)	The International Multidisciplinary Engineering (IME) Graduate Program	Apr/Oct
Bioengineering Architecture Technology Management for Innovation	Global 30 Special English Program (Master's program only)	Oct
Chemistry and Biotechnology	International Graduate Program in Chemistry and Biotechnology (outside T-cens)	Apr/Oct

A. MEXT Scholarship Through Japanese Embassy

B. Special Graduate Programs for International Students

<https://www.t.u-tokyo.ac.jp/en/soe/admission/special?hstLang=en>

6

Scholarship

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For students

1	MEXT Scholarship (Country level)	M	D	~150k JPY/mo.
2	The University of Tokyo Fellowship (University level)	M	D	200k JPY/mo.
3	World-leading Innovative Graduate Study Program (WINGS)	M	D	180k JPY/mo.

Master-Doctoral Integrated Education and Research

- Co-designing Future Society (WINGS-CFS)**
73 Departments, 12 Schools, Number of enrolled students: 117 students
- Material Research, Information and Technology (MERIT-WINGS)**
10 Departments, 3 Schools, Number of enrolled students: 161 students
- Gerontology: Global Leadership Initiative for Age-Friendly Society (WINGS-GLAFS)**
40 Departments, 10 Schools, Number of enrolled students: 51 students
- Quantum Science and Technology (WINGS-QSTEP)**
9 Departments, 4 Schools, Number of enrolled students: 41 students

More than 60% of doctoral course students are financially supported through these programs.

Fund source

Other or self funded	32%
National fund	33%
UTokyo	5%
School of Eng.	19%
Foreign students national fund	11%

4	SPRING GX (University level)	D	180k JPY/mo.	
5	Doctoral Student Special Incentives Program (SEUT-RA) (School of Eng. level)	D	120k or 50k JPY/mo.	
6	On-campus job (University level)	M	D	Part time on the job

and much more...

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Japanese Language Class (School of Engineering) JLC_{SE}

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32 courses 750 students 50 countries
From "survival" Japanese to intensive study for carrier in Japan

- Online system (STAR : Student Tools Access and Review)
- Hiragana / Katakana course
- MOOC (Massive Open Online Course)

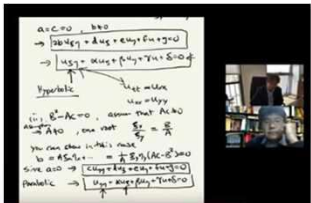
- Japanese class: 7 level 32 courses (credited)
- Tutorial: Individual class
- Cultural experience
- International Lounge
- Job Placement Promotion Program

- Japanese classes at partner schools
- OB/OG Lecture / Reception

8


Globalization through On-line Lectures / Events at School of Engineering


Cross-Lecture Program for Undergraduate Lectures



On-line Exchange with Other Countries


Collaborative Online International Learning (COIL)





UTokyo **MIT** **Tsinghua**


International Collaborative Practice



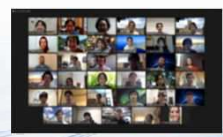
Australia National University (ANU)
New South Wales University (UNSW)

On-line satellite design project

150 attendees for online student event



Online summer camp among 9 countries



Academic writing presentation lectures for undergraduate students

9

Summer program

ESEP (Engineering Summer Education Program)

Lab-internship, Seminar, Japan excursion
Scholarship: 160k JPY / 2 months, free accommodation

Undergraduate (3rd, 4th year students) and graduate students from overseas universities with partnership or designated by the School of Engineering

No. of students 2018: 41, 2019: 38

Tongji University, Nanyang Technological University, National University of Singapore, British Columbia University, Rice University, Australian National University, Aachen Technical University, Technical University of Denmark, Friedrich-Alexander University, Imperial College London, Indian Institute of Technology (Madras, Kharagpur), UC (San Diego, Berkeley, Los Angeles) etc.

Contact your university for details



With major partner universities, 2017-2021

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Career Development Program for International Professionals

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SCHOOL OF ENGINEERING
THE UNIVERSITY OF TOKYO
THE UNIVERSITY OF TOKYO

Support for the career development in which the potential of international students could be fully activated in the Japanese social environment.

Certificate from University President

Carrier Support

- Interaction with alumni
- Practice Japanese interview
- Individual consultation
- Job matching

Course model dependent on Japanese proficiency

Above N2 level, Master student or Doctoral student

Enrollment
Orientation
Take Entrepreneurship on-demand lectures

Advance Japanese

Business Japanese
Carrier Education

Internship /Talks
with OB · OG

Career support
Private counselling

N3 level, Master student or Doctoral student

Enrollment
Orientation
Take Entrepreneurship on-demand lectures

Intermediate Japanese

Business Japanese
Carrier Education

Internship /Talks
with OB · OG

Career support
Private counselling

Japanese Beginner, Doctoral student, or master student who seek to enter Doctoral course

Enrollment
Orientation
Take Entrepreneurship on-demand lectures

General Japanese

Intermediate Japanese

Business Japanese
Carrier Education

Internship /Talks
with OB · OG

Career support
Private counselling

<https://www.cdip.t.u-tokyo.ac.jp/>

11

Career Development

東京大学大学院 工学系研究科
SCHOOL OF ENGINEERING
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Transferable Skills Education (entrepreneurship) by Industry-University Cooperation

- Career Seminar
- Research Internship
- Project Based Learning

Genentech was founded in 1976 by Venture Capitalist Robert A. Swanson and Biochemist Dr. Herbert W. Boyer.

In the early 1970s, Boer and geneticist Stanley Cohen pioneered a new genetic tool called recombinant DNA technology. Upon learning about the development, Swanson pursued a bold business opportunity for his firm. Swanson's enthusiasm for the technology and his faith in its potential proved more contagious and his vision convinced others in minutes of their hour. By its conclusion, Genentech was born.

Career Support

- Career Consultation
- OB · OG meeting
- Job application preparation
- Mock interview

International Master Students 263

Category	Percentage
Unknown	17%
Dropout	4%
Academia abroad	0.4%
Academia in Japan	0.4%
Industry abroad	10%
Industry in Japan	21%
Others	27%
Doctoral course	20%

International Doctoral Students 141

Category	Percentage
Unknown	18%
Dropout	6%
Academia abroad	12%
Industry abroad	7%
Academia in Japan	35%
Industry in Japan	11%
Others	11%

School of Engineering 19%

UTokyo 0.4%


Other univ. 0.8%

Agishi Kasei, Finuc, Nissan, Hitachi high-tech, Sony Semicon. Soln., HONDA, LION

Rakuten, TERUMO

12

Entrepreneurship education × Engineering

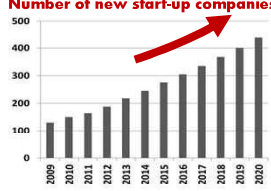


東京大学大学院工学系研究科
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✓ **Number of start-ups related to UTokyo**
450 (as of 2022.2)

✓ **Total market capitalization of the top 5 companies**
12B USD (as of 2021.12)


Number of new start-up companies



Year	Number of companies
2009	100
2010	120
2011	140
2012	160
2013	180
2014	200
2015	220
2016	240
2017	260
2018	280
2019	300
2020	420


Startup representatives

PKSHA Technology




Deploying unique solutions with machine learning algorithms

WASSHA




Delivering electricity to non-electrified areas in Africa


ACES




Introducing AI to various industries with "machine eye" by AI




Planning start-ups



Summer Camp



Introductory lectures



Pitch to investors

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School of Engineering
<https://www.t.u-tokyo.ac.jp/en/soe>



International Admission
<https://www.t.u-tokyo.ac.jp/en/soe/admission/special?hsLang=en>



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Sending students abroad

For Japanese students

東京大学大学院工学系研究科
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Undergraduate students

Short-term overseas dispatch program
~4 weeks

B2 students for international experience
Travel cost & accommodation

Australian National University (ANU)
2019: **19** students

To be continued for Canada, Australia

Graduate students

Musyashugo Program
4 – 6 weeks

B4, M1, M2, D1 students for reserach
Travel cost & accommodation

No. of students
2018: **56** 2019: **49** 2021: **16**

MIT, TUM, Stanford, ETH, BCU

