



Tokyo Tech

Toward World-Class Education and Research

GSEP Orientation
April 28th, 2020

Department of
Transdisciplinary Science
and Engineering
Professor
Shinya Hanaoka

Overview



138 Years of Technical Innovation

(Monotsukuri)

Founded as **Tokyo Vocational School**
by the Japanese Government

1881

- To produce engineers with a high level of expertise
- To revitalize Japan through the promotion of technology

1929

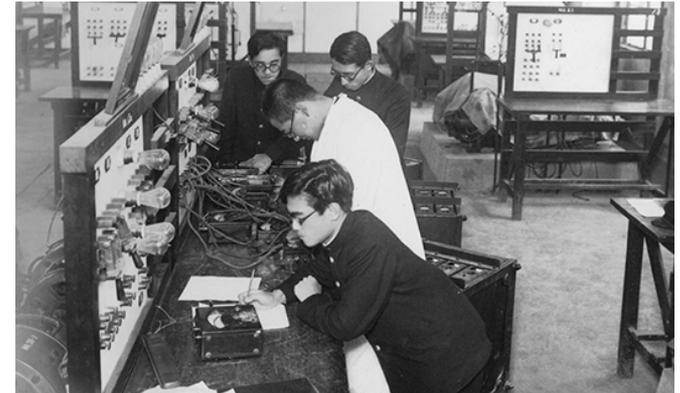
Elevated to a degree conferring university
as **Tokyo Institute of Technology**

2004

Reestablished as an independent
administrative institution under the name
**National University Corporation
Tokyo Institute of Technology**

2018

Received status of
Designated National University



Department of Electric Engineering (1941)



TSUBAME Supercomputer (2010-)

Composition and Organization

Members

Undergraduate	4,828
International	249
Graduate	5,384
International	1,184
Faculty	1,094
Administrative and Technical Staff	595

(As of May 2018)

Schools (6)

- Science
- Engineering
- Materials and Chemical Technology
- Computing
- Life Science and Technology
- Environment and Society

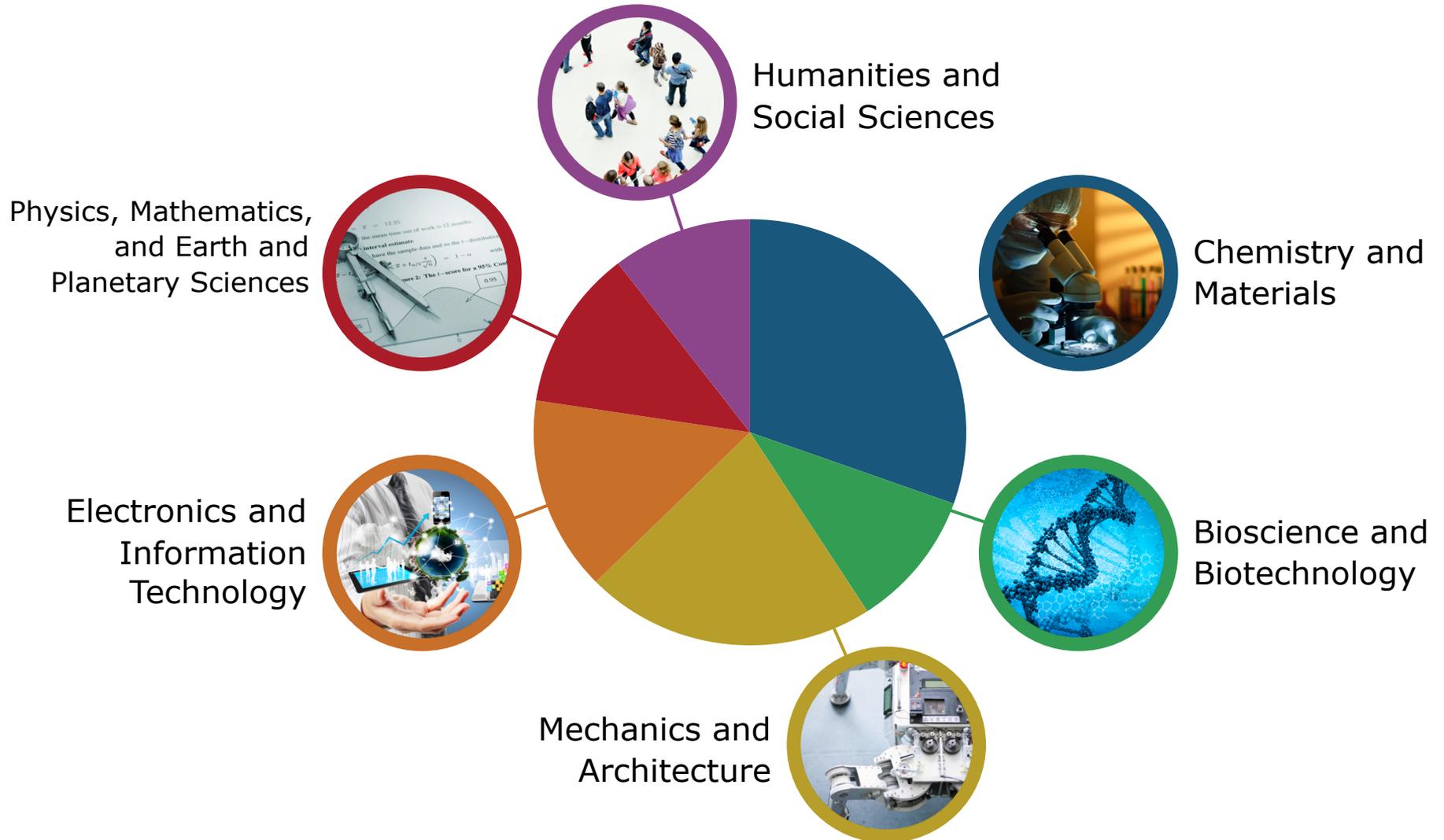
Institute for Liberal Arts

Institute of Innovative Research

- Laboratory for Future Interdisciplinary Research of Science and Technology(FIRST)
- Laboratory for Materials and Structures(MSL)
- Laboratory for Chemistry and Life Science(CLS)
- Laboratory for Advanced Nuclear Energy(LANE)
- International Research Center of Advanced Energy Systems for Sustainability
- Advanced Research Center for Social Information Science and Technology
- Research Units

Research Areas

(of the 1090 Faculty Members)



Our Goal

To become
one of the world's top ten
research universities



Education



Produce graduates who will thrive in a global society as the world's top researchers and leaders

Research



Achieve worldwide success in research and innovation & develop infrastructure to enhance research

Globalization



Create a global environment for education and research

Contribution to Society



Contribute to society through research and educational achievement

Education system

Prior System

Undergraduate

3 Schools 23 Departments

- School of Science
- School of Engineering
- School of Bioscience and Biotechnology

Discontinuity in curricula

Graduate

6 Schools 45 Departments

- Graduate School of Science and Engineering
- Graduate School of Bioscience and Biotechnology
- Interdisciplinary Graduate School of Science and Engineering
- Graduate School of Information Science and Engineering
- Graduate School of Decision Science and Technology
- Graduation School of Innovation Management

Current System

6 Schools, 19 Departments & a professional master's degree program

Science	Mathematics / Physics / Chemistry / Earth and Planetary Sciences	Institute for Liberal Arts
Engineering	Mechanical Engineering / Systems and Control Engineering / Electrical and Electronic Engineering / Information and Communications Engineering / Industrial Engineering and Economics	
Materials and Chemical Technology	Materials Science and Engineering / Chemical Science and Engineering	
Computing	Mathematical and Computing Science / Computer Science	
Life Science and Technology	Life Science and Technology	
Environment and Society	Architecture and Building Engineering / Civil and Environmental Engineering / Transdisciplinary Science and Engineering / Social and Human Sciences / Innovation Science / Technology and Innovation Management (professional master's degree program)	

Schools, Departments and Majors

School	Department	Undergraduate Degree Program	Master's and Doctoral Degree Programs				
Science	Mathematics	•	•				
	Physics	•	•				
	Chemistry	•	•		•		
	Earth and Planetary Sciences	•	•				
Engineering	Mechanical Engineering	•	•	•	•	•	•
	Systems and Control Engineering	•	•			•	
	Electrical and Electronic Engineering	•	•	•	•		•
	Information and Communications Engineering	•	•	•			
	Industrial Engineering and Economics	•	•			•	
Materials and Chemical Technology	Materials Science and Engineering	•	•	•	•		•
	Chemical Science and Engineering	•	•	•	•		•
Computing	Mathematical and Computing Sciences	•	•				•
	Computer Science	•	•				•
Life Science and Technology	Life Science and Technology	•	•	•			
Environment and Society	Architecture and Building Engineering	•	•			•	
	Civil and Environmental Engineering	•	•			•	
	Transdisciplinary Science and Engineering	•	•		•		•
	Social and Human Sciences		•				
	Innovation Science		•				
	Technology and Innovation Management		•				
Institute for Liberal Arts		Liberal arts courses taken throughout each program					

Example: Graduate students in Mechanical Engineering can choose from 5 majors

First year students gain core knowledge independent of the schools

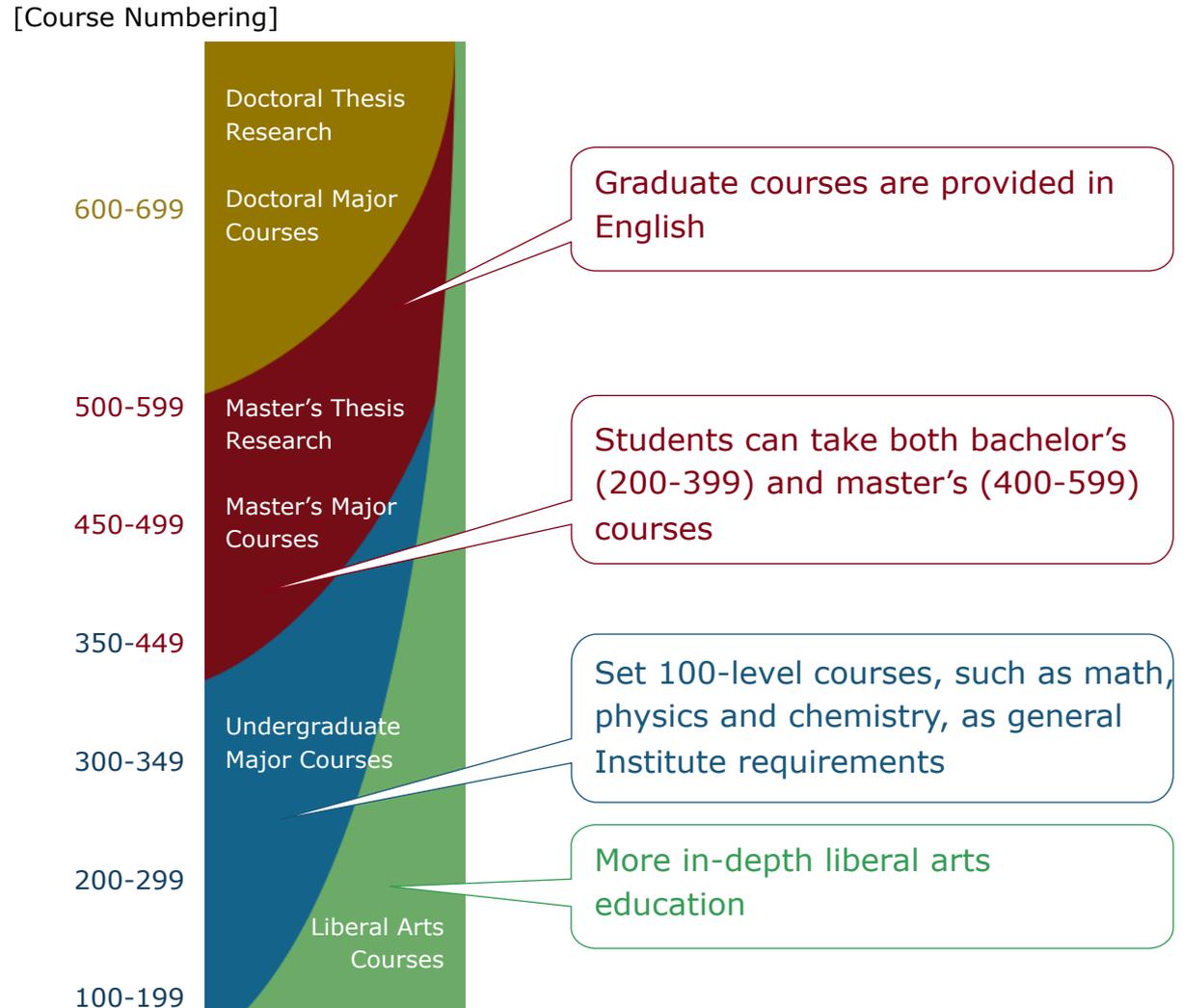
- Major offered exclusively by department •
- Human Centered Science and Biomedical Engineering •
- Energy Science and Technology •
- Engineering Sciences and Design •
- Nuclear Engineering •
- Artificial Intelligence •
- Urban Design and Built Environment •

Revitalizing curricula

Old Curriculum



Current Curriculum



World Rankings by Broad Subject

Engineering & Technology (2018)  **14th** in the world **2nd** in Japan

Natural Sciences (2018)  **24th** in the world **3rd** in Japan

World Rankings by Specific Subject

Electrical & Electronic Engineering (2018)

 **20th** in the world **2nd** in Japan

Chemical Engineering (2018)

 **20th** in the world **3rd** in Japan

Materials Science (2018)

 **27th** in the world **3rd** in Japan

Physics & Astronomy (2018)

 **26th** in the world **3rd** in Japan

Recent Research Awards

2016 Nobel Prize in Physiology or Medicine



Yoshinori Ohsumi

Honorary Professor
Physiology or Medicine

“for his discoveries of **mechanisms for autophagy**”

2013 Thomson Reuters Citation Laureates



Hideo Hosono

Honorary Professor, Physics
for “his discovery of **iron-based superconductors**”

6,235 citations, as of February 25, 2016.
JACS, 2008, 130 (11), 3296.
Iron-Based Layered Superconductor $\text{La}[\text{O}_{1-x}\text{F}_x]\text{FeAs}$ ($x = 0.05\text{--}0.12$) with $T_c = 26$ K

Japan Prize

2000 Nobel Prize in Chemistry



Hideki Shirakawa

Chemical Engineering

“for the discovery and development of **conductive polymers**”



Gairdner Intl. Award

Yoshinori Ohsumi

Honorary Professor

International Prize for Biology

Person of Cultural Merit, Japan

Kyoto Prize

for “**pioneering the molecular elucidation of autophagy**, an essential intracellular, degradation system and when disordered, is linked to many diseases including neurodegeneration, cancer, and infection” (2015)



Order of Culture, Japan Prize

Yasuharu Suematsu

Honorary Professor

for “pioneering research on **semiconductor lasers** for high-capacity long-distance optical fiber communication” (2014)



Benjamin Franklin Medal

Kenichi Iga

Professor Emeritus

for “the conception and development of the vertical cavity **surface emitting laser** and its multiple applications to optoelectronics” (2013)

Institute of Innovative Research



- ### Research units
- Global Hydrogen Energy Unit
 - Advanced Data Analysis and Modeling Unit
 - Advanced Computational Drug Discovery Unit
 - Hybrid Materials Unit
 - Biointerfaces Unit
 - Innovative Heterogeneous Catalysis Unit
 - Advanced Nuclear Fuel Cycle Unit
 - Clean Environment Unit
 - Nanospace Catalysis Unit
 - All-Solid-State Battery Unit
 - Quantum Computing Unit

Tokyo Tech World Research Hub Initiative (WRHI)

Invite world class researchers to top-level research groups in laboratories, centers, units

Large-scale research groups with global industries and research institutes

Feed know-how into WRHI

- ### Research laboratories & centers
- Laboratory for Materials and Structures (MS)
 - Laboratory for Future Interdisciplinary Research of Science and Technology (FIRST)
 - Laboratory for Chemistry and Life Science (CLS)
 - Laboratory for Advanced Nuclear Energy Research (LANE)
 - International Research Center of Advanced Energy Systems for Sustainability
 - Advanced Research Center for Social Information Science and Technology
 - Cell Biology Center
 - Organization for Fundamental Research

- Earth-Life Science Institute (ELSI)
- Materials Research Center for Element Strategy (MCES)
- Research Center for the Earth Inclusive Sensing Empathizing with Silent Voices (EISESiV)

Promote Collaboration with Industry

University/Industry Relations



Organizational Alliances: 14

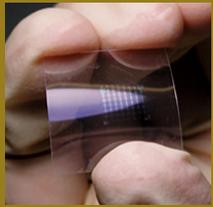
- Mitsubishi Electric
- NTT
- Komatsu
- Mitsubishi Chemical
- Hitachi
- TDK, etc.

Tokyo-Tech-Launched Venture Companies: 85

Joint Research with Companies: ¥2.0 B (FY2017)

Sponsored Funds: ¥1.2 B (FY2017)

Indium Gallium Zinc Oxide (IGZO) thin film transistors



- Invented by Professor Hideo Hosono
- License agreements with several companies, including SHARP and Samsung

Tokyo Tech Facilities in Ookayama Campus



Tokyo Tech



Ookayama Campus Map

Some classrooms can be used as study rooms after class hours

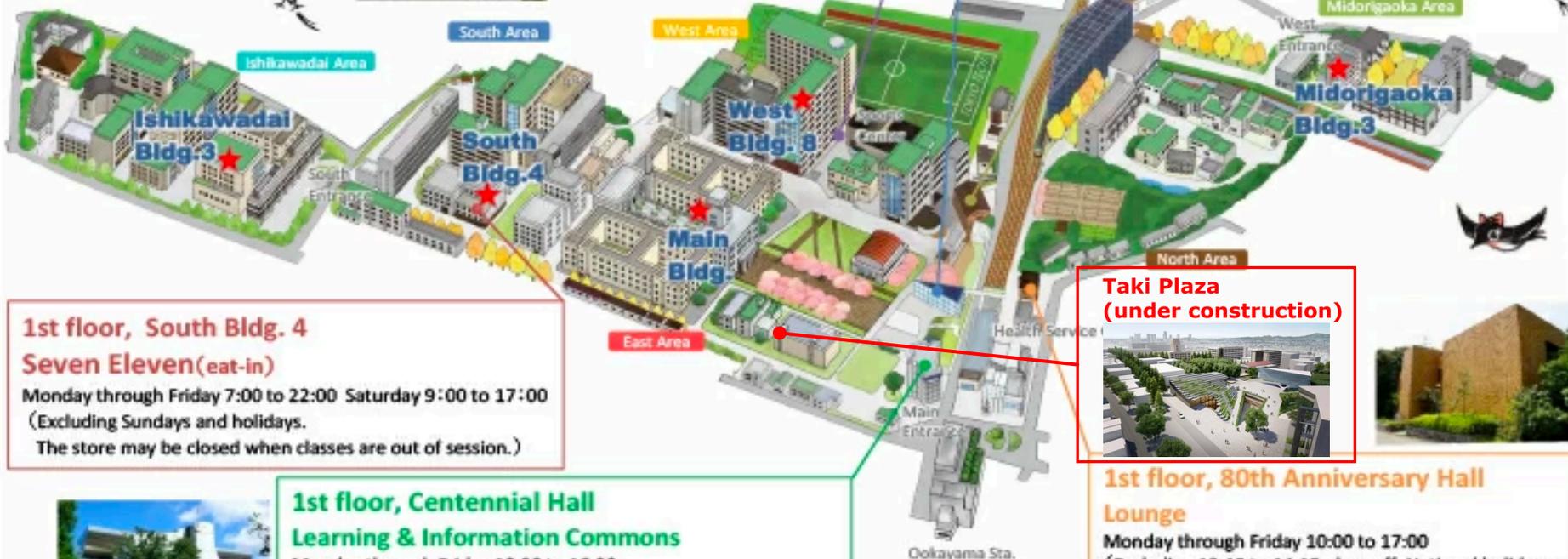
Tokyo Institute of Technology Library Ookayama

As opening hours vary based on the time period, please refer to the "Library Calendar" on the library's home page for more detailed information regarding opening hours.

2nd floor, Student Hall (Cafeteria)

Communication lounge

9:00 to 20:00
(Excluding Saturdays, Sundays and holidays)
※Food & Drinks allowed/No reservations required.
Reservations are required in order to use the premises for things like special events.



1st floor, South Bldg. 4

Seven Eleven (eat-in)

Monday through Friday 7:00 to 22:00 Saturday 9:00 to 17:00
(Excluding Sundays and holidays.)

The store may be closed when classes are out of session.)



1st floor, Centennial Hall

Learning & Information Commons

Monday through Friday 10:30 to 16:30
(Excluding days off, National holidays, New Year's holidays, etc.)

With air conditioner renovation work, from June 12, 2017
It is scheduled to close until the end of June 2018.

Taki Plaza (under construction)

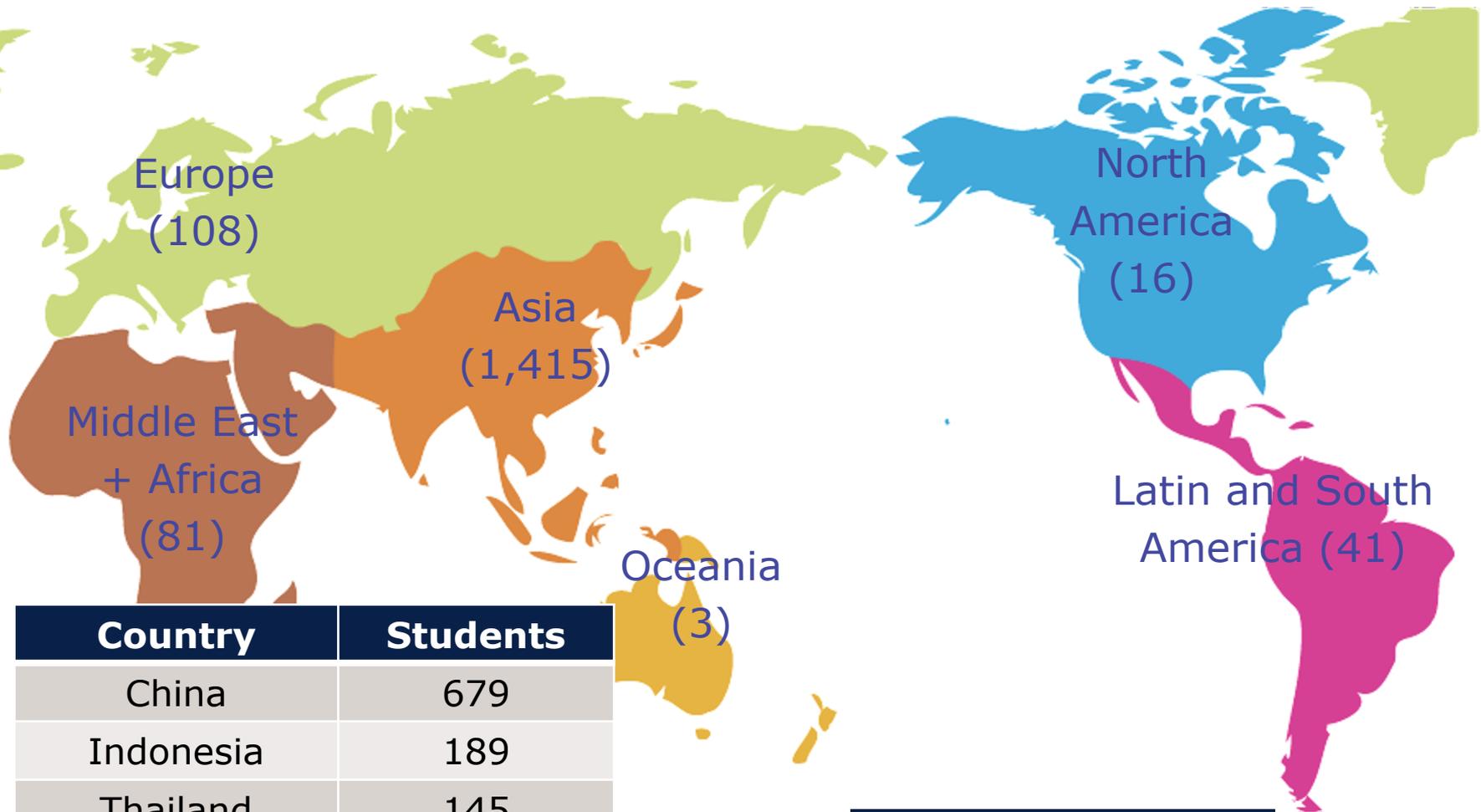


1st floor, 80th Anniversary Hall Lounge

Monday through Friday 10:00 to 17:00
(Excluding 13:15 to 14:15, days off, National holidays, New Year's holidays, etc.)
※Food & Drinks allowed/No reservations required.
Reservations are required in order to use the premises for things like special events.

※Opening hours and rules of use vary between facilities. Also, please understand there may be times when use for things like special events is not possible.

International Students



Country	Students
China	679
Indonesia	189
Thailand	145
Korea	135
Vietnam	45

Total 1,664
 (ca. 16.3 %)
 As of May 1, 2018

Global Scientists and Engineers Program(GSEP) for inbound bachelor's level students



- From April 2016 Bachelor of Engineering degree program fully conducted in English
- Transdisciplinary program not limited to any specific science or engineering field
- Japanese language and culture classes, optional specialized classes in Japanese
- Core courses taught in project-based learning format



GSEP
Program
Overview



- GSEP students belong to the **Department of Transdisciplinary Science and Engineering (TSE)** which includes science, engineering, and management courses. GSEP is a transdisciplinary degree program not limited to any specific science or engineering field.
- GSEP students earn a degree of **Bachelor of Engineering** from *TSE Department* after they have completed all the units and course requirements in the undergraduate program.

TSE Dept. Website : <http://educ.titech.ac.jp/tse/eng/>

Curriculum

GSEP follows the TSE curriculum. Many of the core courses will be conducted through project-based learning (PBL) or hands-on formats covering various fields of science and engineering.

100番台 100-Level	200番台 200-Level	300番台 300-Level	専門科目群 ELECTIVE COURSES	地域・地球環境概論 第1&第2 Basic Theory of Regional and Global Environment 1 and 2
線形代数第一 Linear Algebra I	工学基盤群 FUNDAMENTALS OF ENGINEERING 材料・物性工学基礎 Material and Molecular Engineering 固体・構造力学基礎 Solid Mechanics and Structural Engineering 電気・磁気工学基礎 Electrical Engineering 反応工学基礎 Chemical Reaction Engineering 流体工学基礎 Fluid Engineering 生物工学基礎 Biological Engineering 工学計測基礎 Engineering Measurement	プログラミングと数値解析基礎 Programming and Numerical Analysis	国際開発共創概論 Introduction to International Development	
線形代数学演習第一 Linear Algebra Recitation		プログラミングと数値解析応用 Applied Programming and Numerical Analysis	国際開発共創概論 Introduction to International Development	
微分積分学第一 Calculus I		通信とネットワーク Communications and Networks	開発経済学入門 Introduction to Development Economics	
微分積分学演習第一 Calculus Recitation I		電磁気学 (融合理工) Electromagnetics (TSE)	融合技術論 Methodology of Transdisciplinary Research: Theory and Practice	
力学基礎 1・2 Fundamentals of Mechanics 1 / 2		環境流体力学基礎 Basis of Environmental Hydrodynamics	エンジニアリングデザイン概論 Introduction to Design Engineering	
電磁気学基礎 1・2 Fundamentals of Electromagnetism 1 / 2		防災工学基礎 Introduction to Natural Disaster Science and Engineering	国際エンジニアリングデザインプロジェクト基礎F&S International Engineering Design Experience (Fall Semester and Spring Semester)	
量子化学基礎 Basic Quantum Chemistry		剛体の運動力学 Rigid Body Dynamics	エンジニアリングデザインと技術経営基礎 Introduction to Engineering Design and Management of Technology	
無機化学基礎 Basic Inorganic Chemistry		強度の力学 Mechanics of Strength	資源・エネルギー工学概論 Theory of Resource and Energy Engineering	
有機化学基礎 Basic Organic Chemistry		操作論 Unit Operations	エネルギーと環境 (融合理工) Energy and Environment (TSE)	
化学熱力学基礎 Basic Chemical Thermodynamics		工業化学 Industrial Chemistry	特定課題研究・特定課題研究プロジェクト など RESEARCH OPPORTUNITIES AT LABORATORIES, INDEPENDENT RESEARCH PROJECTS, INTERNSHIPS, ETC.	
生命化学基礎第一・2 Fundamentals of Life Science 1 / 2	実用材料の冶金学基礎 Introduction to Metallurgy of Engineering Materials	研究プロジェクト (融合理工学系) Research Opportunities at Laboratories (TSE)		
類専門科目 1~4 School type subjects	原子核工学概論 Introduction to Nuclear Engineering	学士特定課題研究 (融合理工学系) Independent Research Project (TSE)		
数理基盤群 FUNDAMENTALS OF MATHEMATICS	原子核工学基礎 第1~第4 Basic Nuclear Engineering 1-4	学士特定課題プロジェクト (融合理工学系) Advanced Independent Research Project (TSE)		
常微分方程式と物理現象 Ordinary Differential Equations and Physical Phenomena	社会環境政策概論 Introduction to Environmental Policy and Social Systems	国際プロジェクト演習 Exercises in International Development Engineering		
偏微分方程式と物理現象 Partial Differential Equations for Science and Engineering	水・物質循環システム概論 Introduction to Water and Mass Transport in the Environment	融合理工学海外研修 International Training in Transdisciplinary Science and Engineering		
線形システム論 Theory of Linear Systems	気象学基礎 Introduction to Meteorology	融合理工学インターンシップ Transdisciplinary Science and Engineering Internship		
統計とデータ解析 Statistics and Data Analysis	プロジェクトマネジメント Project Management			

On their 4th year, GSEP students would be asked to choose a laboratory among the research laboratories of TSE faculty according to their intended field of specialization.

e.g. Chemical Eng., Mechanical Eng., Civil Eng., Electronic and Communication Eng., Nuclear Eng., Environmental Policy, Sociology, Applied Linguistics, etc.

Required Credits for Undergraduate Program

Courses	Eligibility to independent research project for the Bachelor's Degree	Eligibility for graduation
Humanities and social science courses	9 credits	13 credits
Basic science and technology courses	14 credits	14 credits
English language courses	6 credits	9 credits
Second foreign language courses	2 credits	4 credits
Research-related courses	2 credits	8 credits
Other major courses	Determined for each study program (For TSE, refer to the Study Guide)	Determined for each study program (For TSE, refer to the Study Guide)
TOTAL	110 or more credits	124 units or more to graduate

*For more detailed information, refer to Table 2 and Table 3 of the **Study Guide**. Some special rules apply to GSEP students, always consult with your academic advisers

Amendment in the Study Guide

Kindly take note of the amendment in the Study Guide in the current version (2016), pp. 8-9

Common requirements of the entire university (Refer to Study Guide)

Amendment: 44 and 50 in "Major course group" in Table 3
(Table 2 is still same)

Standard study program	Eligibility for Application for Independent Research Project for Bachelor's Degree (Research opportunity course is recorded as "Research Opportunity Project")	Eligibility for graduation (Research opportunity course is recorded as "Research Opportunity Project" and independent research project for the Bachelor's Degree is recorded as "Special Topic Research")
Undergraduate major in Transdisciplinary Science and Engineering	54 ⁴⁴ (28 ☉, 2 Research Opportunity Project)	66 ⁵⁰ (30 ☉, 2 Research Opportunity Project, 6 Special Topic Research)

**Revision of no. of credits required for TSE students

Required Liberal Arts credits for GSEP

- In addition to Table 2 of the Study Guide, amendments for liberal arts courses are implemented for GSEP students.
- Review the requirements through the link:
<https://www.titech.ac.jp/english/enrolled/life/resources/pdf/agreement.pdf>

Academic Advisers

Students are assigned academic (main and sub) supervisors to oversee their academic affairs in the department

GSEP Batch 2020 Academic Advisers

ID	Name	G	Academic Advisor (Main)	Academic Advisor (Sub)
20B60012	ALTAN-OCHIR ANUUL	M	因幡 和晃 (INABA KAZUAKI)	Varquez Alvin Christopher Galang
20B60029	BATTSEREN ERDENEBAT	M	松本 義久 (MATSUMOTO YOSHIHISA)	Sadeghzadeh Nazari Mehrdad
20B60035	BEKBOLAT ZHANYBEK	M	阿部 直也 (ABE NAOYA)	Varquez Alvin Christopher Galang
20B60041	BURARAKSAKIET NATTHA	F	高橋 邦夫 (TAKAHASHI KUNIO)	Andrews Eden Mariquit
20B60058	CHAN YU NIN	F	因幡 和晃 (INABA KAZUAKI)	Choi Sunkyung
20B60064	DO TIEN DUNG	M	松本 義久 (MATSUMOTO YOSHIHISA)	Sadeghzadeh Nazari Mehrdad
20B60070	INCHID CHAWALA	F	阿部 直也 (ABE NAOYA)	Andrews Eden Mariquit
20B60087	KIETKAJORNRIET AUKSARAPAK	F	高橋 邦夫 (TAKAHASHI KUNIO)	Choi Sunkyung
20B60093	KIM GWAN WOO	M	因幡 和晃 (INABA KAZUAKI)	Varquez Alvin Christopher Galang
20B60101	LU YILUN	M	松本 義久 (MATSUMOTO YOSHIHISA)	Andrews Eden Mariquit
20B60118	MANGAKAJA NIPUN	M	阿部 直也 (ABE NAOYA)	Sadeghzadeh Nazari Mehrdad
20B60124	PATTAYAWIJ NATPRAWEE	M	高橋 邦夫 (TAKAHASHI KUNIO)	Choi Sunkyung
20B60130	TRAN HUU NHAT HUY	M	因幡 和晃 (INABA KAZUAKI)	Varquez Alvin Christopher Galang
20B60147	YOONGSOMPORN THANAKRIT	M	松本 義久 (MATSUMOTO YOSHIHISA)	Andrews Eden Mariquit

Measures against COVID-19

**Keep in close communication with your
academic advisers**

Check the link below for the latest information from
the university:

<https://www.titech.ac.jp/english/enrolled/health/coronavirus.html>

Online Bulletin

GSEP Mailing List and Group Messaging

On-campus website

<http://www.tse.ens.titech.ac.jp/en/>

“For GSEP members”

Lectures for Q1 and Q2

- Lectures for Q1 will be held via Zoom.
 - Attend classes virtually at home.
 - Personal computer (PC) is prepared in case.
 - Utilize broadband internet connection.
 - If it is difficult to prepare a private PC or internet environment, consult with academic advisor.
- At the moment, online classes will continue until Q2.
- Official information from Tokyo Tech regarding courses will be sent to your Tokyo Tech email accounts.

Tip: Switch on mail forwarding.

We will send you files about information about the use of Zoom in holding classes.

GSEP 1st Year Timetable (1Q)

Enlistment procedure will be explained by assigned GSEP faculty to each students (separate session)

Time		Mon	Tue	Wed	Thu	Fri
8:50 9:40 10:30	1 2		Basic Inorganic Chemistry [English Class] LAS.C101-09 1 credit		Calculus I / Recitation [U] LAS.M101-13 2 credits	Fundamentals of Mechanics 1 [I] LAS.P101-09 1 credit
10:45 11:35 12:25	3 4		Calculus I / Recitation [U] LAS.M101-13 2 credits	Calculus I / Recitation [U] LAS.M101-13 2 credits		Fundamental Life Science 1-1 [K] LAS.B101-09 1 credit
13:30 14:20 15:10	5 6	Tokyo Tech Visionary Project [41] LAH.C101-41 2 credits	Japanese 1[GSEP] LAJ.J101-04 1 credit	English Speech Seminar 9 LAE.E371 1 credit	Tokyo Tech Visionary Project [41] LAH.C101-41 2 credits	
15:25 16:15 17:05	7 8				Japanese 1[GSEP] LAJ.J101-04 1 credit	Exercises in Physics I [i] LAS.P105-09 1 credit (for 1Q-2Q)

Notes

- *1st year students are only allowed to take 100-level courses
- *However, GSEP 1st year students should take 200 and 300-level English courses
- *When choosing English courses, you should take try to take the similar course in both 1Q and 2Q, or 3Q and 4Q
- *GSEP 1st year students are not allowed to take other English courses which are not shown in the timetable above

Course Registration Period

Tue, April 28, 2020 at 13:00 - May 18th, 2020. Course registration must be completed (or temporarily saved) on the web system at least two days before the course starts.

Color Code

Basic Science & Tech. (Compulsory)
Basic Science & Tech.
English
Japanese
Humanities & Social Science
Breadth

Ethics Education

- Level 1: 1st year to 3rd year in bachelor's program (Before starting Independent Research Project)
- Level 2: 4th year in bachelor's program (From the start of Independent Research Project) to master's program
- Level 3: Doctoral program

Liberal Arts Courses

- ◎ Tokyo Tech Visionary Project (LAH.C101)
- Ethics in Engineering A/B/C (LAH.T105, T206, T305)
- Frontiers of Science and Technology (LAS.F101)

Major course group

- ◎ Research Opportunities at Laboratories (TSE.Z381)
- ◎ Independent Research Project (TSE.Z389)

Required Liberal Arts credits for GSEP

- In addition to Table 2 of the **Study Guide**, amendments for liberal arts courses are implemented for GSEP students.
- Review the requirements through the link:
<https://www.titech.ac.jp/english/enrolled/life/resources/pdf/agreement.pdf>

GSEP Japanese Language and Culture Courses 2020

Japanese language course orientation and first Japanese class for
1st year students: **May 7th, 15:35-17:05 (by Zoom)**

Japanese language courses for undergraduate students

100-level (1st year)

Japanese 1(1Q): Tuesday 13:30~ and Thursday 15:25~

Japanese 2(2Q), 3(3Q) and 4(4Q): Tuesday 13:30~ and Thursday 10:45~

200-level (2nd year)

Japanese 5(1Q) and 6(2Q): Wednesday 15:25~

Japanese 7(3Q) and 8(4Q): Wednesday 13:30~

300-level (3rd year)

Japanese 9(1-4Q): see note 2

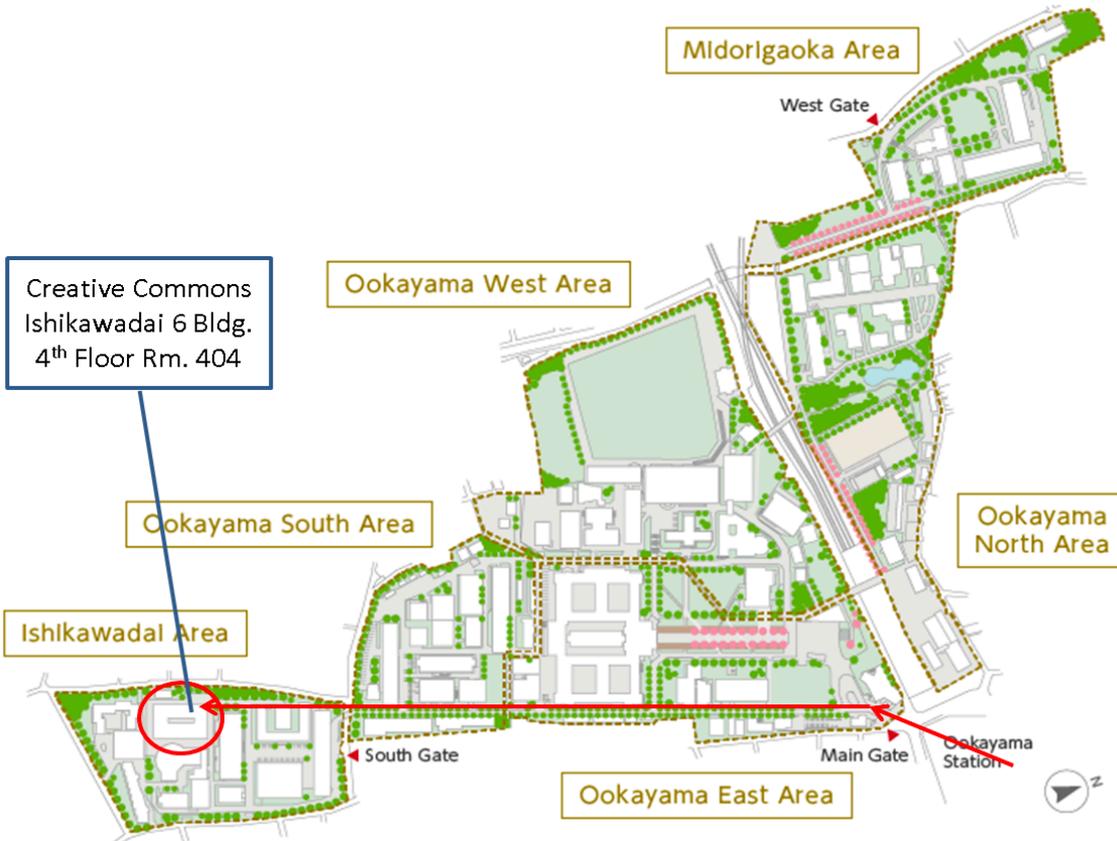
GSEP students who will take Japanese language classes may do the following procedures by **May 6th**:

- 1) Make an account on Japanese Class Online System at JCOS (will open on April 27th) (<https://cuckoo.js.ila.titech.ac.jp/~yamagen/regist-h/>)
- 2) Take an online placement test at the following site (<https://cuckoo.js.ila.titech.ac.jp/~yamagen/placement/>)
- 3) Send an email message to **Prof. M. Komatsu** (komatsu.m.ae@m.titech.ac.jp) with "GSEP 2020" as a subject, and mail body must contain your name, student ID, and Japanese language level (B3, I1 etc.) obtained after your JCOS placement test.



GSEP Creative Commons

Ookayama Ishikawadai 6, Room 404



- Use for group meeting, self studying, etc.
- There is no trash bin. Please take your trash with you when you leave.
- Keep it clean and orderly.
- CCTV installed for security.
- No staying overnight in GSEP Commons.
- Please sign distributed 'oath' if you agree with the rules.
- Passcode to enter the lounge will be given later.

Extracurricular Activities

GSEP students can join different student clubs and circles in Tokyo Tech. Many countries have their own student associations in Tokyo Tech that can offer support to new incoming students from their own country.

TISA and **SAGE** are two of the most active international student associations in Tokyo Tech

Tokyo Tech International Student Association (TISA)



TISA is an organization dedicated to connecting all international students and working to enhance this multicultural experience at Tokyo Tech.

<https://www.titech.ac.jp/english/globalization/stories/tisa.html>

Student Association for Global Exchange (SAGE)



SAGE actively promotes academic and cultural exchange between students of Tokyo Tech and other universities through a variety of events and activities.

https://www.titech.ac.jp/english/globalization/stories/sage_2016.html



GSEP Website

<http://www.tse.ens.titech.ac.jp/~gsep/>

GSEP Facebook Page

<https://www.facebook.com/gseptokyotech>

Inquiry? please contact at

gsep-contact@tse.ens.titech.ac.jp