



Tokyo Tech

Toward World-Class Education and Research

GSEP Orientation
April 6, 2021

Department of
Transdisciplinary Science
and Engineering

GSEP Faculty

Overview



139 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



Department of Electric Engineering (1941)

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**



TSUBAME Supercomputer (2010-)

2018

Received status of
Designated National University

Composition and Organization

Members

Undergraduate 4,866

International 267

Graduate 5,491

International 1,355

Faculty 1,107

Administrative and Technical Staff 611

(As of May 2019)

Schools (6)

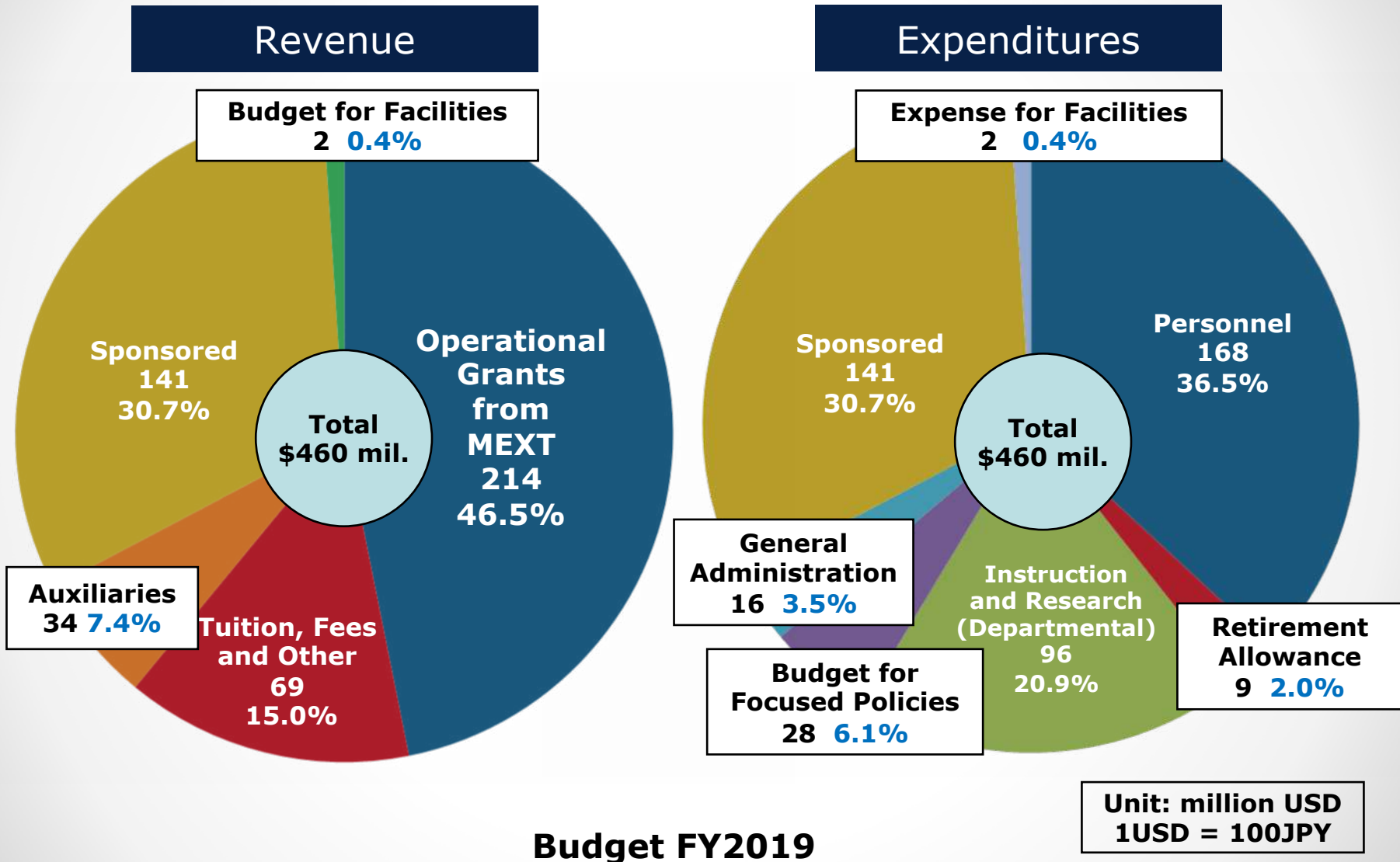
- Science
- Engineering
- Materials and Chemical Technology
- Computing
- Life Science and Technology
- Environment and Society

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

Financial Data



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

Contents

1. Overview

2. Education Reform

3. Research

4. International Students

Education Reform

Cultivate talented people in the fields of science and technology
with the expertise and skills to lead

- 1 Build the Education System
of One of the World's Top Universities

- 2 Innovate Learning

- 3 Promote ambitious internationalization

Innovations for Globalized Education

Joining of undergraduate and graduate schools (April 2016)

-
- Continuity in the curricula between bachelor's and master's programs
-
- and between master's and doctoral programs
-
- Clearly defined degree competencies

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 •

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

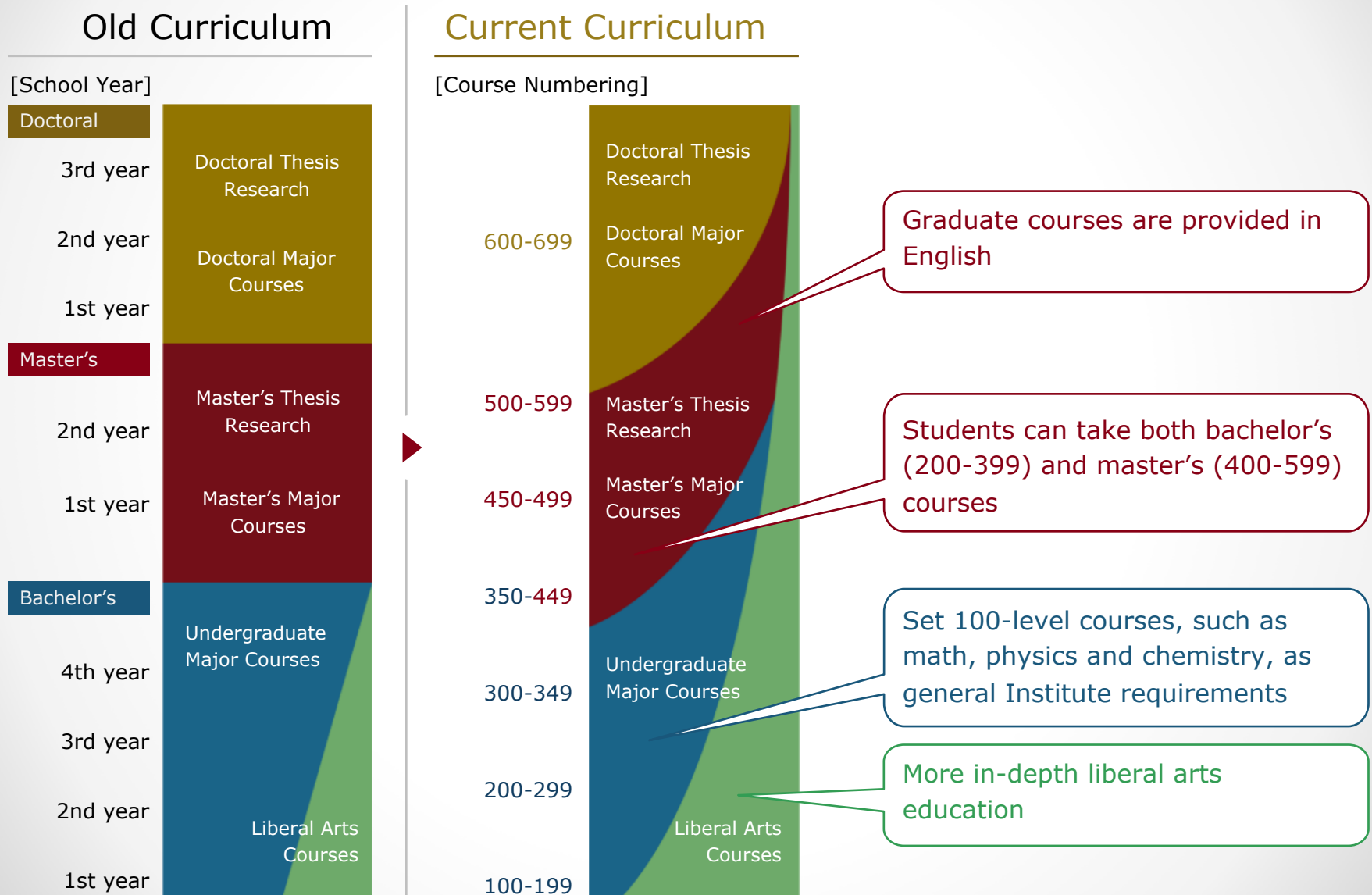
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- Engineering Sciences and Design •
- Nuclear Engineering •
- Artificial Intelligence •
- Urban Design and Built Environment •

Schools, Departments and Majors

School	Department	Master's and Doctoral Degree Programs				
Engineering	Mechanical Engineering	Mechanical Engineering	Biomedical Engineering and Human Centered Science	Energy Science and Technology	Engineering Sciences and Design	Nuclear Engineering
	Systems and Control Engineering	Systems and Control Engineering			Engineering Sciences and Design	
	Electrical and Electronic Engineering	Electrical and Electronic Engineering	Biomedical Engineering and Human Centered Science	Energy Science and Technology		Nuclear Engineering
	Information and Communications Engineering	Information and Communications Engineering	Biomedical Engineering and Human Centered Science			
	Industrial Engineering and Economics	Industrial Engineering and Economics			Engineering Sciences and Design	

Revitalizing curricula



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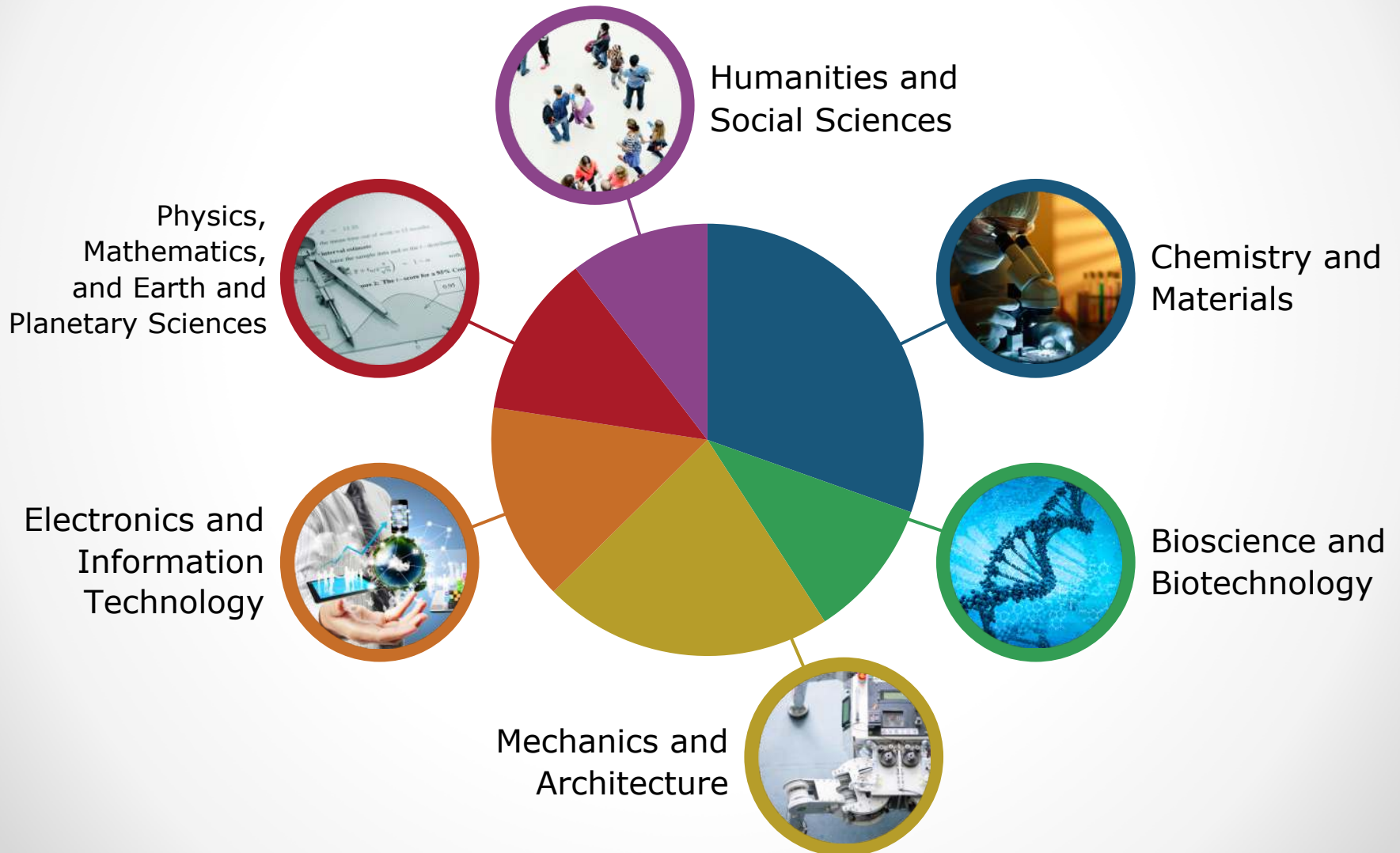
2. Education Reform

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Research Areas

(of the 1110 Faculty Members)



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 Laureate



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

Kyoto Prize

Thomson Reuters Citation Laureate

Person of Cultural Merit, Japan

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)

Enhancing Research Strengths

- 1 Create a world-class research hub utilizing Tokyo Tech's strengths in science and technology
- 2 Promote collaboration with industry to drive technology transfer and contribute to improving society
- 3 Foster an open and global environment to attract the world's best researchers and students

Institute of Innovative Research



Promote Collaboration with Industry

University/Industry Relations

Tokyo Tech



Organizational Alliances: 16

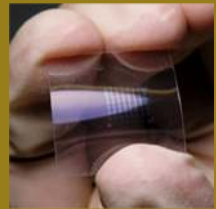
- Mitsubishi Electric • NTT • Komatsu
- Mitsubishi Chemical • Hitachi • TDK , etc.

Tokyo-Tech-Launched Venture Companies: 110

Joint Research with Companies:
¥2.6 B (FY2018)

Sponsored Funds: ¥1.5 B
(FY2018)

Indium Gallium
Zinc Oxide (IGZO)
thin film transistors



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

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Tokyo Tech Facilities in Ookayama



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.

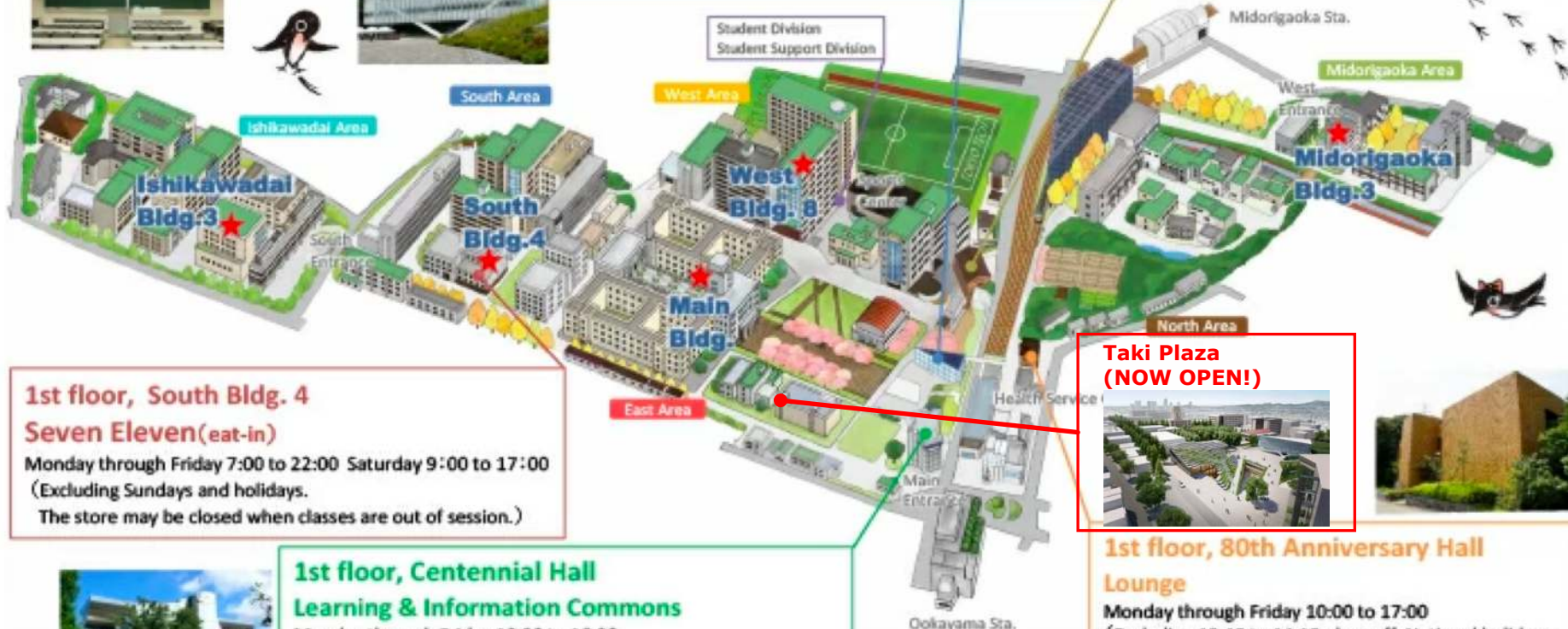
2nd floor, Student Hall (Cafeteria)

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 (NOW OPEN!)



1st floor, 80th Anniversary Hall Lounge

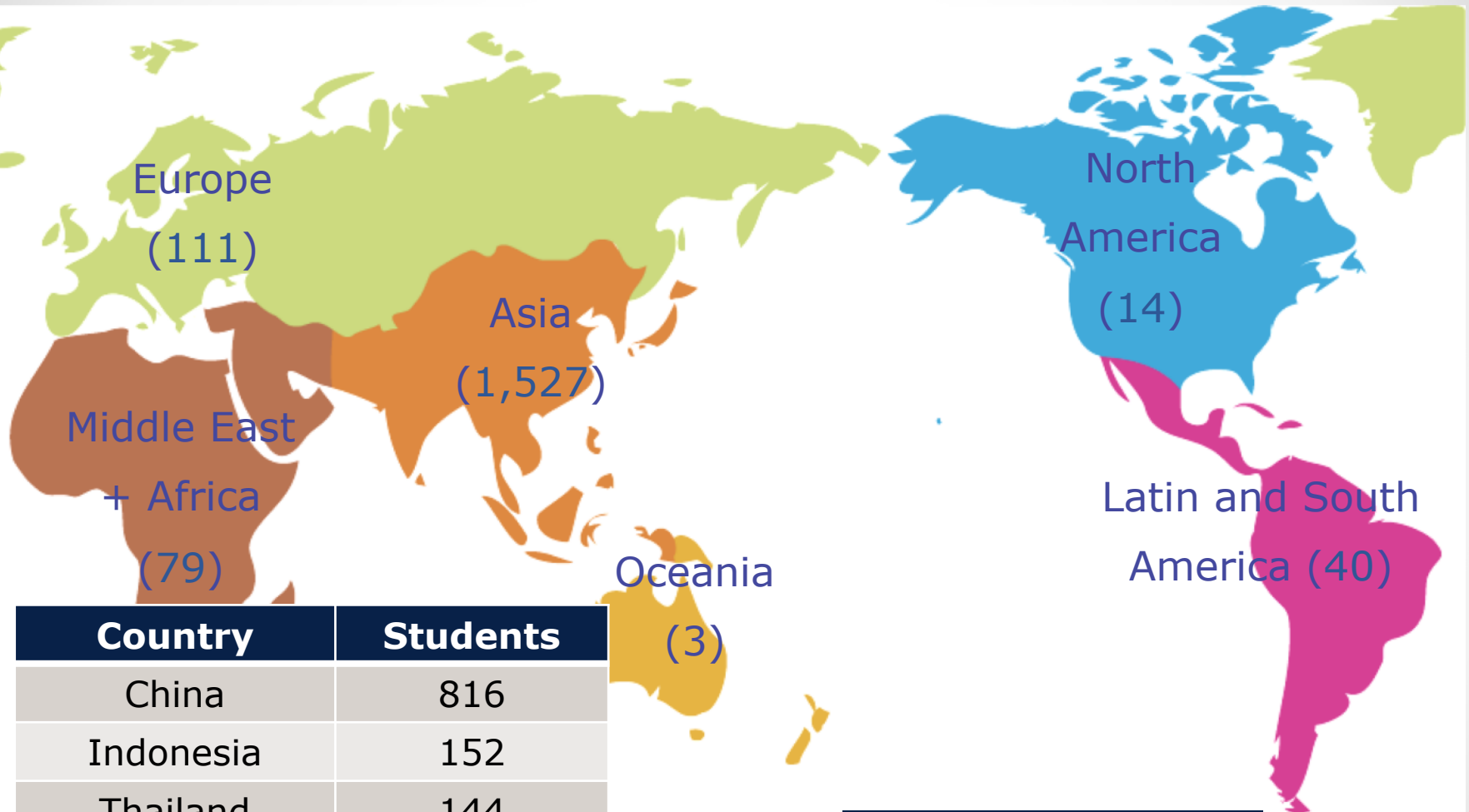
Monday through Friday 10:00 to 17:00

(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	816
Indonesia	152
Thailand	144
Korea	135
Vietnam	46

Total 1,774
(ca. 17.1 %)
 As of May 1, 2019

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
- Eight students receive a full 4-year scholarship from MEXT



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/>

TSE Curriculum

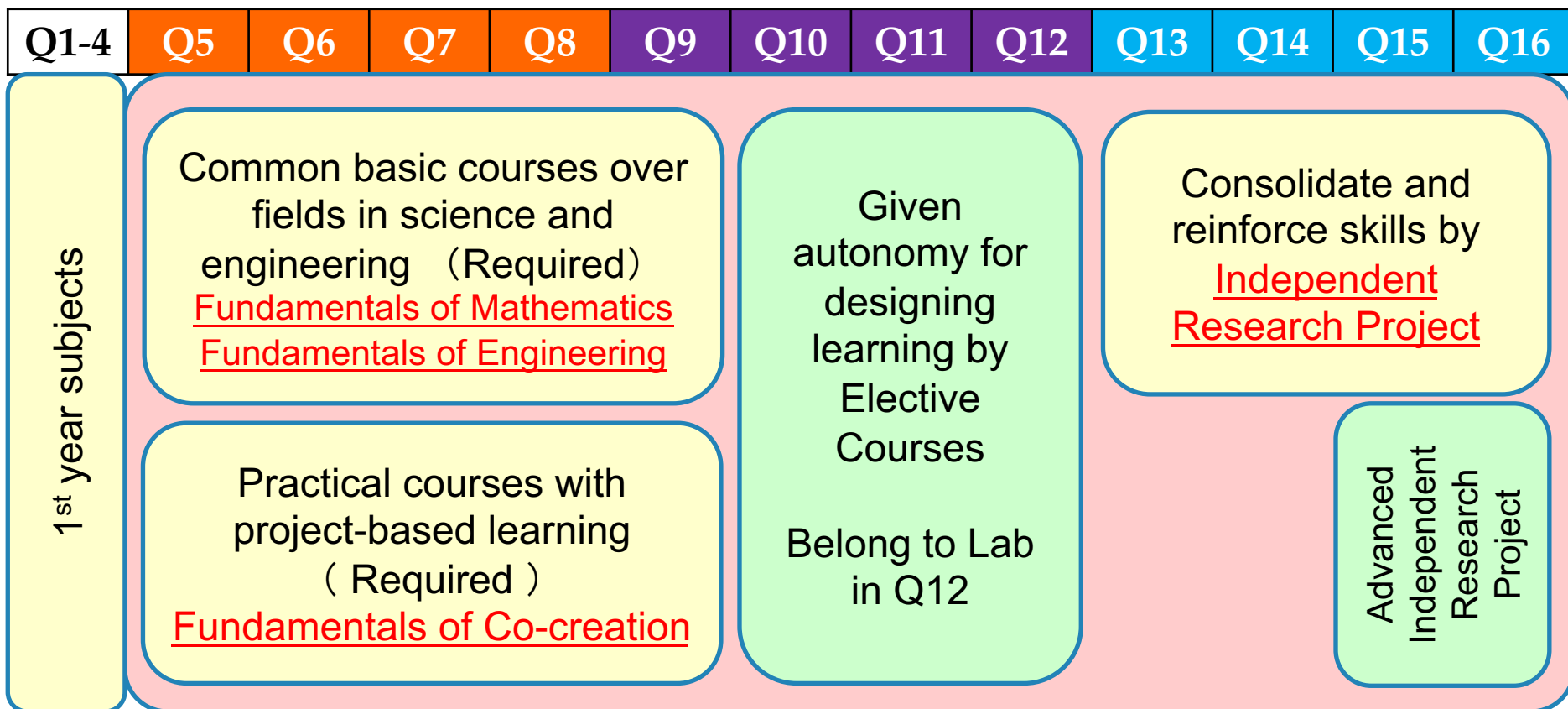
GSEP follows the TSE curriculum. Many of the core courses will be conducted through project-based learning (PBL) or hands-on formats covering various fields of science and engineering.

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
線形代数学第一 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 融合理工学実験A Transdisciplinary Engineering Experiments A 融合理工学実験B Transdisciplinary Engineering Experiments B	共創基盤群 FUNDAMENTALS OF CO-CREATION 融合理工学基礎 Introduction to Transdisciplinary Science and Engineering システムデザインプロジェクト System Design Project 社会デザインプロジェクト Social Design Project システムデザイン&アセスメント System Design & Impact Assessment プロジェクトマネジメント Project Management	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	開発経済学入門 Introduction to Development Economics
微分積分学第一 Calculus I			通信とネットワーク Communications and Networks	融合技術論 Methodology of Transdisciplinary Research: Theory and Practice
微分積分学演習第一 Calculus Recitation I			電磁気学(融合理工) Electromagnetics (TSE)	エンジニアリングデザイン概論 Introduction to Design Engineering
力学基礎1・2 Fundamentals of Mechanics 1 / 2			環境流体力学基礎 Basis of Environmental Hydrodynamics	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)
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	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
量子化学基礎 Basic Quantum Chemistry			剛体の運動力学 Rigid Body Dynamics	資源・エネルギー工学概論 Theory of Resource and Energy Engineering
無機化学基礎 Basic Inorganic Chemistry			強度の力学 Mechanics of Strength	エネルギーと環境(融合理工) Energy and Environment (TSE)
有機化学基礎 Basic Organic Chemistry			操作論 Unit Operations	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. 研究プロジェクト(融合理工学系) Research Opportunities at Laboratories (TSE) 学士特定課題研究(融合理工学系) Independent Research Project (TSE) 学士特定課題プロジェクト(融合理工学系) Advanced Independent Research Project (TSE) 国際プロジェクト演習 Exercises in International Development Engineering 融合理工学海外研修 International Training in Transdisciplinary Science and Engineering 融合理工学インターンシップ Transdisciplinary Science and Engineering Internship
化学熱力学基礎 Basic Chemical Thermodynamics			工業化学 Industrial Chemistry	
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			
類専門科目1~4 School type subjects	原子核工学概論 Introduction to Nuclear Engineering			
数理基盤群 FUNDAMENTALS OF MATHEMATICS 常微分方程式と物理現象 Ordinary Differential Equations and Physical Phenomena 偏微分方程式と物理現象 Partial Differential Equations for Science and Engineering 線形システム論 Theory of Linear Systems 統計とデータ解析 Statistics and Data Analysis	原子核工学基礎 第1~第4 Basic Nuclear Engineering 1-4			
	社会環境政策概論 Introduction to Environmental Policy and Social Systems			
	水・物質循環システム概論 Introduction to Water and Mass Transport in the Environment			
	気象学基礎 Introduction to Meteorology			
	地球・地域生態学概論 Introduction to Global and Local Ecology			

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.

TSE Curriculum (Undergraduate)



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**.

Requirement for graduation in the Department of TSE

In addition to the common requirements of Tokyo Tech, the following conditions should be satisfied.

1. All **30 credits** of required subjects (◎) in the list of the subjects in the Department of TSE should be obtained.
2. "Research Opportunity in Laboratories" and "Independent Research Project" should be obtained.
3. **50 credits** in the major course in the list of the subjects in the Department of TSE should be obtained.
4. **124 credits** should be obtained in total.

Required Liberal Arts course credits for GSEP

- In addition to rules indicated in 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 2021

Japanese language course orientation and first Japanese class

April 13th 14:20 – 16:00

Japanese language courses for undergraduate students

100-level (1st year)

Japanese 1(1Q): Tuesday 14:20~ and Thursday 16:15~

Japanese 2(2Q), 3(3Q) and 4(4Q): Tuesday 14:20~ and Thursday 10:40~

200-level (2nd year)

Japanese 5(1Q), 6(2Q), 7(3Q) and 8(4Q) : Wednesday 14:20~

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 **April 12th**:

- 1) Make an account on Japanese Class Online System at (<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 2021" 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.



Research Ethics Education

The targets of education on research ethic are the following four items:
(1) academic integrity, (2) responsibility as a researcher, (3) responsible conduct of research, (4) legal compliance.

- Level 1 : 1st year to 3rd year in bachelor's program (before starting Independent Research Project (IRP))
- Level 2 : 4th year in bachelor's program (from the start of IRP) 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)

◎- Required courses
○ - Electives

Major course group

- Processes for Creation in Science and Technology
【School of Environment and Society】 (XES.P101)
- School of Environment and Society Academic Group Literacy (XES.A101)
- ◎Research Opportunities at Laboratories (TSE.Z381)
- ◎Independent Research Project (TSE.Z389)

Research Ethics Education

Online learning

Following on-line courses are also recommended:

OSPOC 「Tokyo Tech Science, Engineering, AI & Data Ethics : Level 1-2

<https://edge.edx.org/courses/coursev1:TokyoTechX+2020TT-ethics+2020Q1/about>

OeL CoRE (JSPS) Level 1-2 (Research ethics education materials)

<https://www.jsps.go.jp/j-kousei/rinri.html>

Academic Advisors (AA)

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

GSEP Batch 2021 Academic Advisors

Name	Academic Advisor (Main)	Academic Advisor (Sub)
FAHIM SHAHRIAR AHMAD	阿部 直也 (Abe Naoya)	Varquez Alvin Christopher Galang
LERTMONGKHON THANAPHAT	阿部 直也 (Abe Naoya)	Varquez Alvin Christopher Galang
RATTANAKARM SITCHAI	阿部 直也 (Abe Naoya)	Varquez Alvin Christopher Galang
ZHANG JUNYANG	阿部 直也 (Abe Naoya)	Varquez Alvin Christopher Galang
IVAN ANDREW GUNAWAN	因幡 和晃 (Inaba Kazuaki)	Sadeghzadeh Nazari Mehrdad
MEE-IN PANNASIT	因幡 和晃 (Inaba Kazuaki)	Sadeghzadeh Nazari Mehrdad
RATTANASIWAMOK MINGKWAN	因幡 和晃 (Inaba Kazuaki)	Sadeghzadeh Nazari Mehrdad
CHAN YU ZI	高橋 邦夫 (Takahashi Kunio)	Andrews Eden Mariquit
LE CONG MINH HIEU	高橋 邦夫 (Takahashi Kunio)	Andrews Eden Mariquit
PROGGA ISLAM IREEN TASNIM	高橋 邦夫 (Takahashi Kunio)	Andrews Eden Mariquit
VINNIE CHUAWANTA	高橋 邦夫 (Takahashi Kunio)	Andrews Eden Mariquit
HONGSRITONG NATCHAYA	松本 義久 (Matsumoto Yoshihisa)	Choi Sunkyung
LUEANGRATANA PONGSAKAP	松本 義久 (Matsumoto Yoshihisa)	Choi Sunkyung
RATTANASIRIMANEEWATE TETU	松本 義久 (Matsumoto Yoshihisa)	Choi Sunkyung

COVID-19 Updates for Tokyo Tech Students

Keep in close communication with your academic advisors and GSEP faculty and staff

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

COVID-19 updates for all new students and current students

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

Online Bulletin

GSEP Mailing List and Group Messaging (Slack)

On-campus website

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

For GSEP members

<http://www.tse.ens.titech.ac.jp/en/tag/gsep-undergraduate/>

Lectures for 1Q and 2Q

Spring Semester 2021

First Quarter Classes & Exams (1Q): April 10 – June 10, 2021

Second Quarter Classes & Exams (2Q): June 11 – August 7, 2021

Lectures for Q1 will be held via Zoom.

- Attend classes virtually at home.
 - Utilize broadband internet connection.
- Official information from Tokyo Tech regarding courses will be sent to your Tokyo Tech email accounts or through **T2Schola**.

Tip: Switch on mail forwarding.

We will give you information about how to use Zoom in attending classes in Tokyo Tech.

GSEP 1st Year Timetable (1Q)

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

1st Quarter 2021 (For GSEP 1st Year Students)

(Last updated April 8, 2021)

Time		Mon	Tue	Wed	Thu	Fri
8:50 9:40 10:30	1		Basic Inorganic Chemistry LAS.C101-09 Juhasz Gergely Miklos Zoom 1 credit		Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Zoom 2 credits	Fundamentals of Mechanics 1[Q] LAS.P101-17 Kawai Nobuyuki Zoom 1 credit
	2					
10:45 11:35 12:25	3	Information Literacy I [EN(IL1)] LAS.I111-19 Bonnet Francois Zoom 1 credit	Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Zoom 2 credits	Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Zoom 2 credits	Tokyo Tech Visionary Project [41] LAH.C101-41 Zoom 2 credits	Fundamental Life Science 1-1 [K] LAS.B101-09 Takahashi Masayuki Zoom 1 credit
	4					
12:35 13:25 14:15	毎時開講	Tokyo Tech Visionary Project [41] LAH.C101-41 Zoom 2 credits			Frontiers of Science and Technology [b] LAS.F101-02 Zoom 1 credit (Japanese, English translation)	
14:20 15:10 16:00	5		Japanese 1 [GSEP] LAJ.J101-04 Komatsu Midori Zoom 1 credit	English Speech Seminar 9 LAE.E371 Kiyama Lorinda Zoom 1 credit		
	6					
16:15 17:05 17:55	7				Japanese 1 [GSEP] LAJ.J101-04 Komatsu Midori Zoom 1 credit	Exercises in Physics I[q] LAS.P105-17 Kawai Nobuyuki Face-to-face 1 credit (for 1Q-2Q)
	8					
18:05 18:55 19:45	9					Physics Experiment I [Fr] LAS.P107-04 Introductor y Physics Laboratory (W2) 1 credit (for 1Q-2Q)
	10					

Note

- * 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 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

Tuesday, April 6, 2021 9 : 00 ~ Friday, April 23, 2021 13:00

Color Code

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

GSEP 1st Year Timetable (2Q)

2nd Quarter 2021 (For GSEP 1st Year Students)

(Last updated April 8, 2021)

Time		Mon	Tue	Wed	Thu	Fri	Intensive
8:50 9:40 10:30	1		Basic Organic Chemistry LAS.C103-19 Juhasz Gergely Miklos Face-to-face 1 credit		Calculus I / Recitation [U] LAS.M101-13 Purkait Soma Zoom 2 credits	Fundamentals of Mechanics 2[Q] LAS.P102-17 Kawai Nobuyuki Face-to-face 1 credit	Economics A LAH.S109 Yang Qizhong On-demand 1 credit
	2						
10:45 11:35 12:25	3	Information Literacy II [EN(IL2)] LAS.I112-19 Bonnet Francois Zoom 1 credit	Calculus I / Recitation [U] LAS.M101-13 Purkait Soma Zoom 2 credits	Calculus I / Recitation [U] LAS.M101-13 Purkait Soma Zoom 2 credits	Japanese 2 [GSEP] LAJ.J102-04 Komatsu Midori Face-to-face 1 credit	Fundamental Life Science 1-2 [K] LAS.B102-09 Takahashi Masayuki Face-to-face 1 credit	
	4						
12:35 13:25 14:15	昼時間帯	Law (Civil Law) A LAH.S102 Kaneko Hironao Zoom 1 credit	Special Lecture:Thinking and Learning through musiums LAH.T112 Bektas Yakup Zoom 1 credit				
14:20 15:10 16:00	5		Japanese 2 [GSEP] LAJ.J102-04 Komatsu Midori Face-to-face 1 credit	English Speech Seminar 10 LAE.E372 Kiyama Lorinda Zoom 1 credit			
	6						
16:15 17:05 17:55	7					Exercises in Physics I[q] LAS.P105-17 Kawai Nobuyuki Face-to-face 1 credit (for 1Q-2Q)	
	8						
18:05 18:55 19:45	9						
	10						

Note

- * 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

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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)

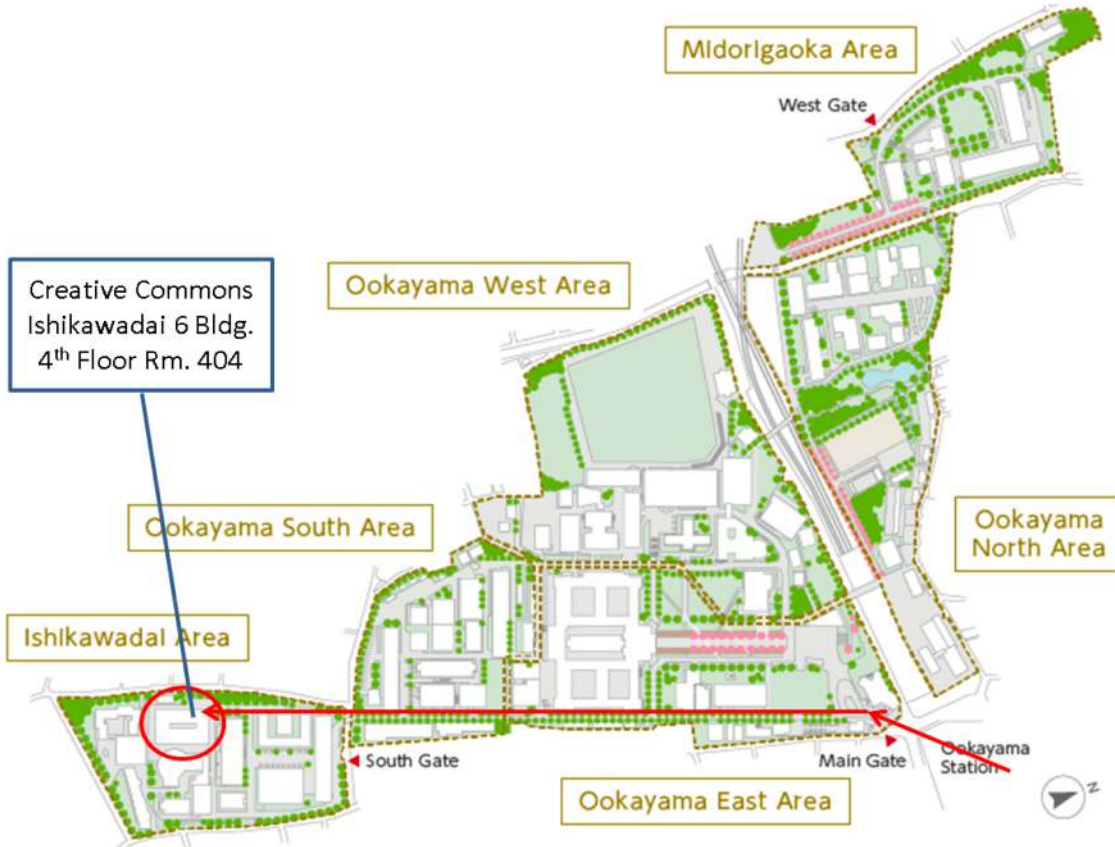


SAGE actively promotes academic and cultural exchange between students of Tokyo Tech and other universities through a variety of events and activities.

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

GSEP Creative Commons

- GSEP students can use the Commons room for group meeting, self-studying, etc.
- There is no trash bin in the room. 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 to GSEP students as needed





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