GSEP Orientation for the new students

April 4, 2022

Department of
Transdisciplinary Science
and Engineering

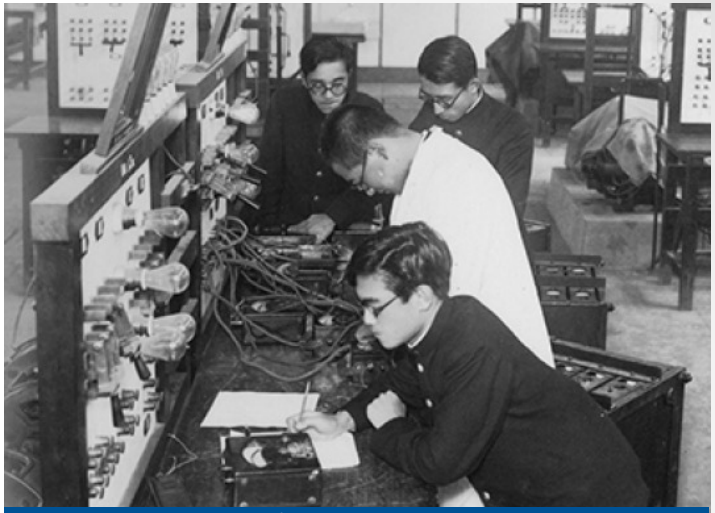
GSEP Faculty

Welcome to Tokyo Tech!

Contents

140 Years of Technical Innovation, what we call *"Monotsukuri" in Japanese*

1881	Founded as Tokyo Vocational School by the Japanese Government
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 (one of 9 universities)



Department of Electric Engineering (1941)

TSUBAME Supercomputer (2010-)

Overview


Tokyo
Japan
Ookayama Campus
Tamachi Campus
Suzukakedai Campus
Tokyo
Kanagawa
Haneda Airport
Narita Airport
Chiba

Tokyo Tech Facilities in Ookayama

Ookayama Campus Map

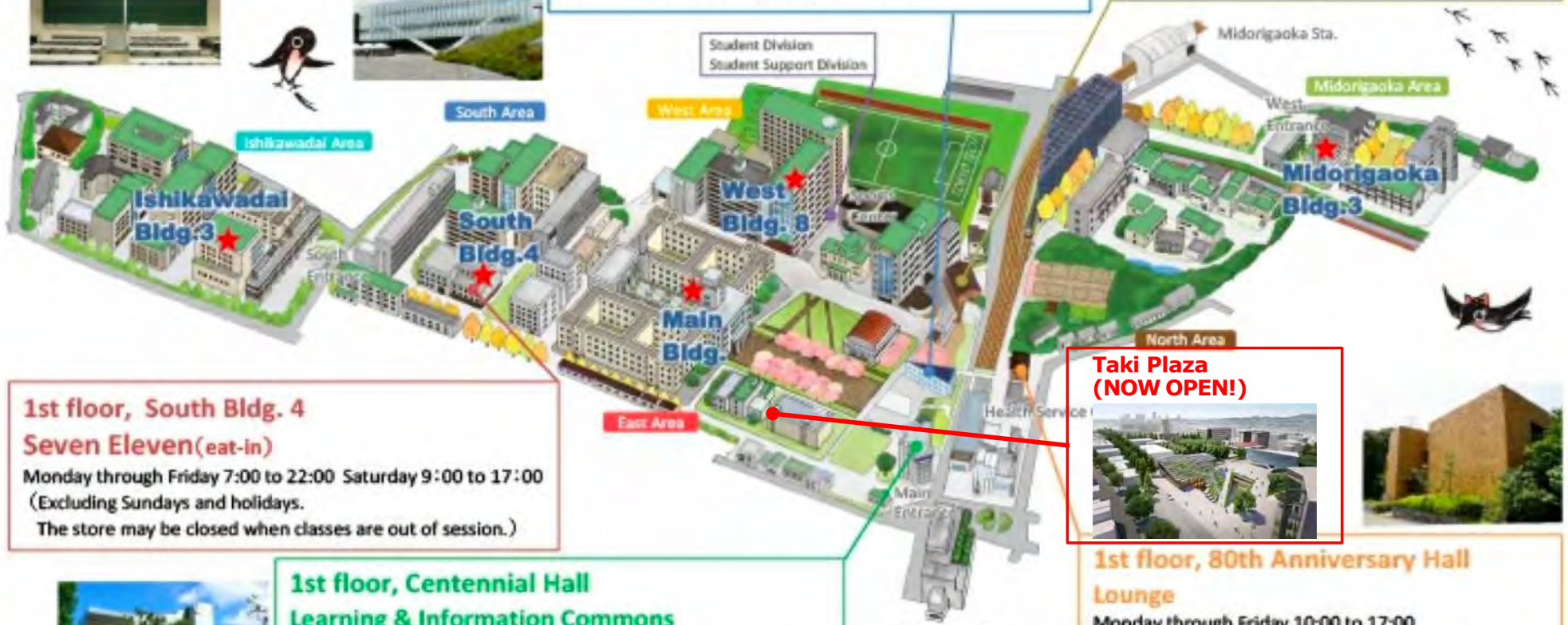
Some classrooms can be used as study rooms after class hours

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

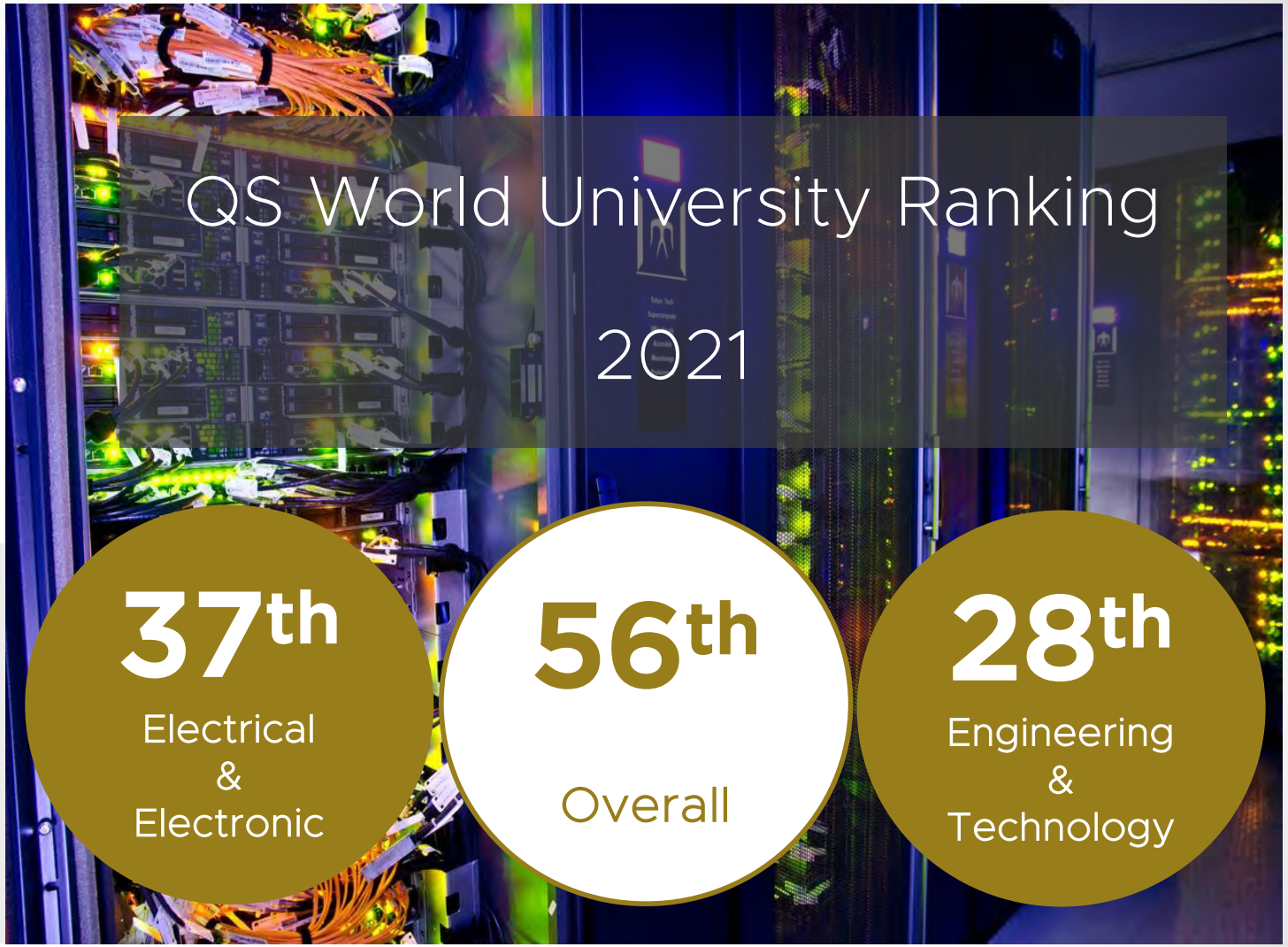
Monday through Friday 10:30 to 16:30
(Excluding days off, National holidays, New Year's holidays, etc.)
With air conditioner renovation work, from June 12, 2017
It is scheduled to close until the end of June 2018.

1st floor, 80th Anniversary Hall Lounge

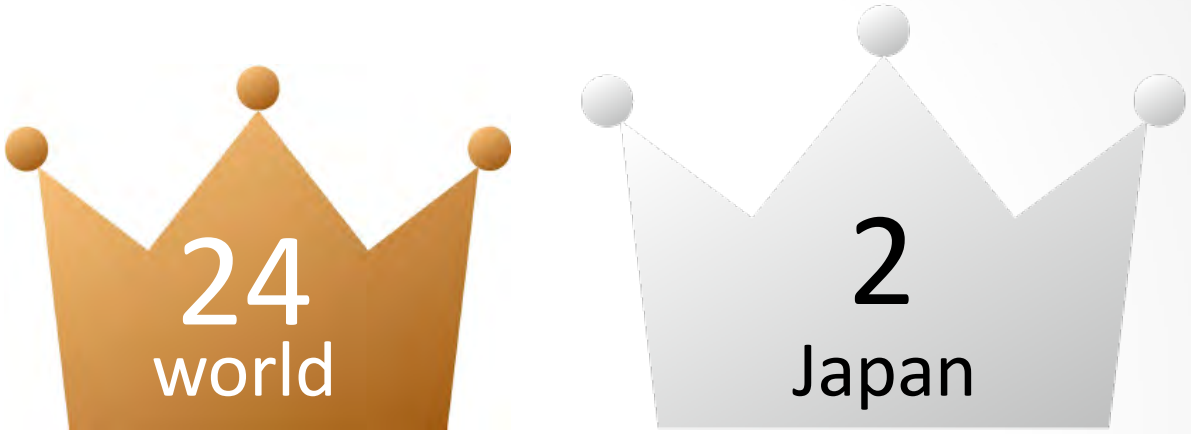
Monday through Friday 10:00 to 17:00
(Excluding 13:15 to 14:15, days off, National holidays, New Year's holidays, etc.)
※Food & Drinks allowed/No reservations required.
Reservations are required in order to use the premises for things like special events.

※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.

Ranking


QS World University Ranking
2021
37th
Electrical
&
Electronic
56th
Overall
28th
Engineering
&
Technology

Ranking



Ranked 24th in the world and 2nd in Japan
in the Best universities for graduate jobs:

Global University Employability Ranking 2021
by Times Higher Education.

Novel Prize Awardees

2016 Nobel Prize in Physiology or Medicine

Yoshinori Ohsumi

Honorary Professor
Physiology or Medicine

"for his discoveries of **mechanisms for autophagy**"

Hideki Shirakawa

Chemical Engineering

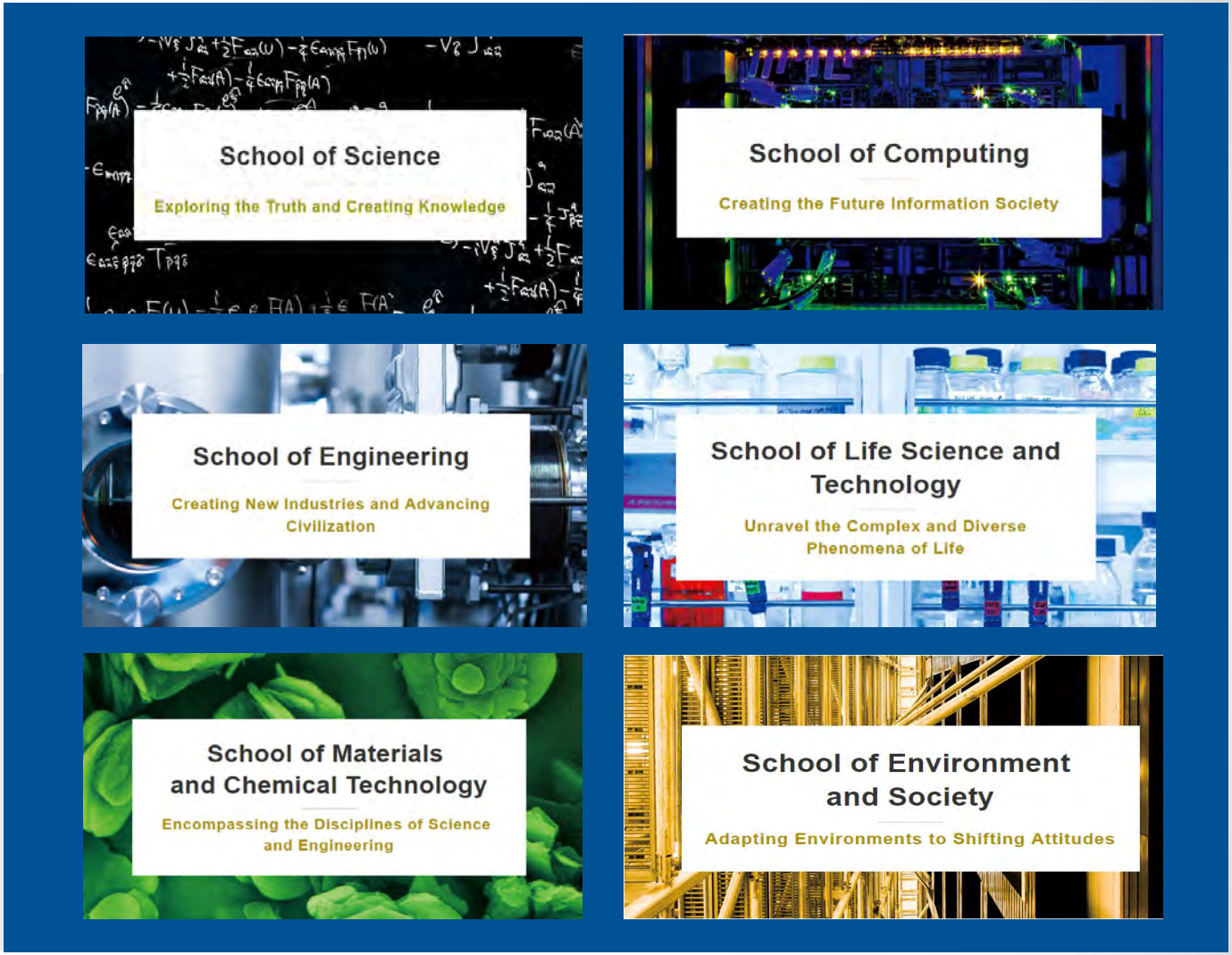
"for the discovery and development of **conductive polymers**"

Dr. Shirakawa, who learned the basics of chemistry at the Institute, succeeded in synthesizing polyacetylene films for the first time in history at a laboratory in the Main Building on Ookayama Campus, which is still in use today.

2000 Nobel Prize in Chemistry

Organization

6 Schools,
19 Departments and
1 Professional Master's Degree Program (MOT)
+
Institute for Liberal Arts



Composition

Student / faculty	Numbers
Undergraduate students	4,858
(International students)	(268)
Graduate students	5,634
Master degree	4,114
(International students)	(866)
Doctoral degree	1,520
(International students)	(607)
Faculty (Prof., Asso. Prof., Asst. Prof.)	1,054

As of May 2021:( ) No.of international students included

Faculty-student ratio: **1:10**
ensuring high-quality learning opportunities for all students.

Academic advisors/supervisors are available for **all students (B, M and D)**.

Number of international students:
1,818
About 17% of the total students on campus
1,818/10,492
(Thai students: 105、Indonesian: 142, Cambodia:17, Nepalese:13, Myanmar: 3)

Contents

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

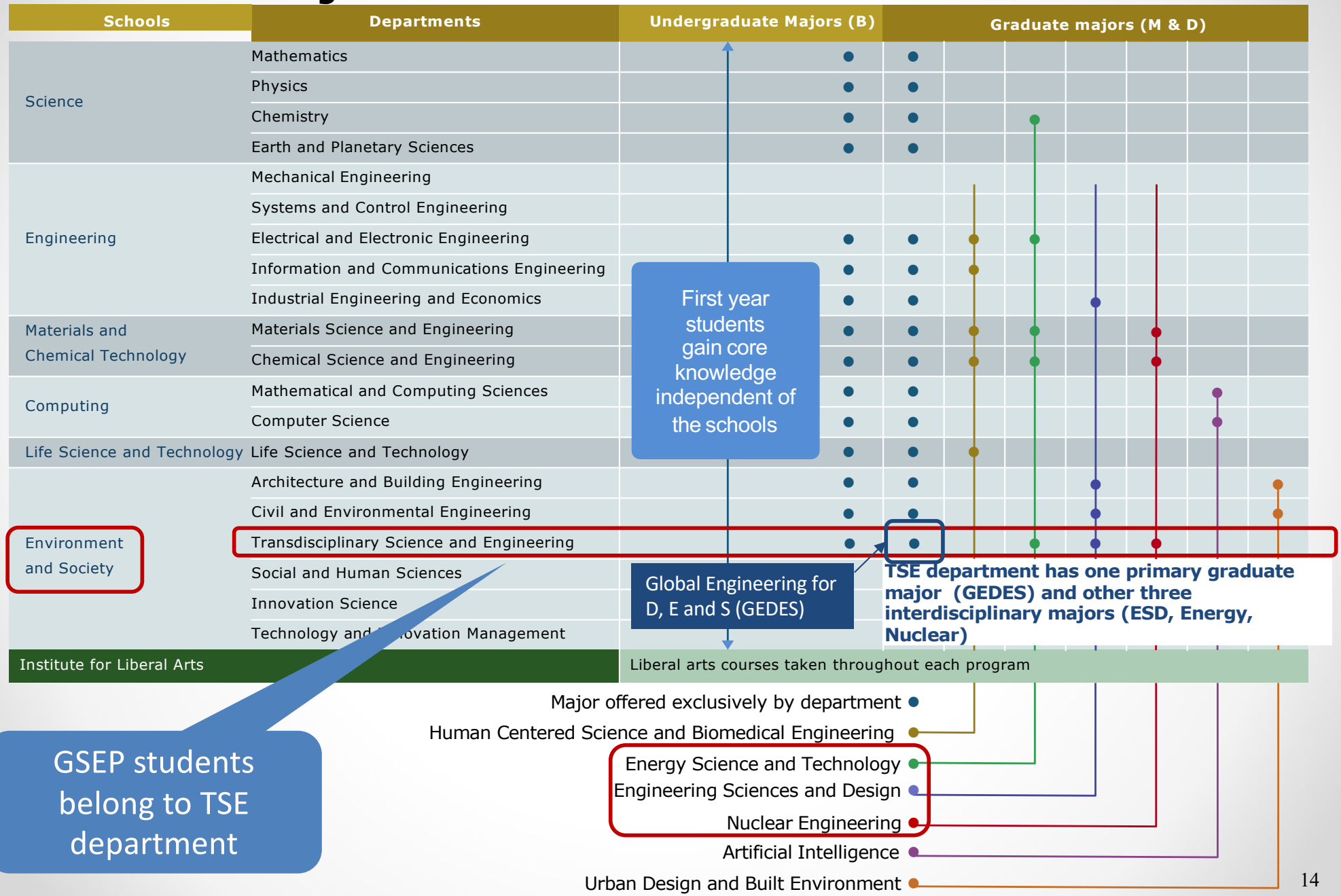
- Graduate School of Science and Engineering
- Graduate School of Bioscience and Biotechnology
- Interdisciplinary Graduate School of Science and Engineering
- Graduate School of Information Science and Engineering
- Graduate School of Decision Science and Technology
- Graduation School of Innovation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

Current System since April 2016

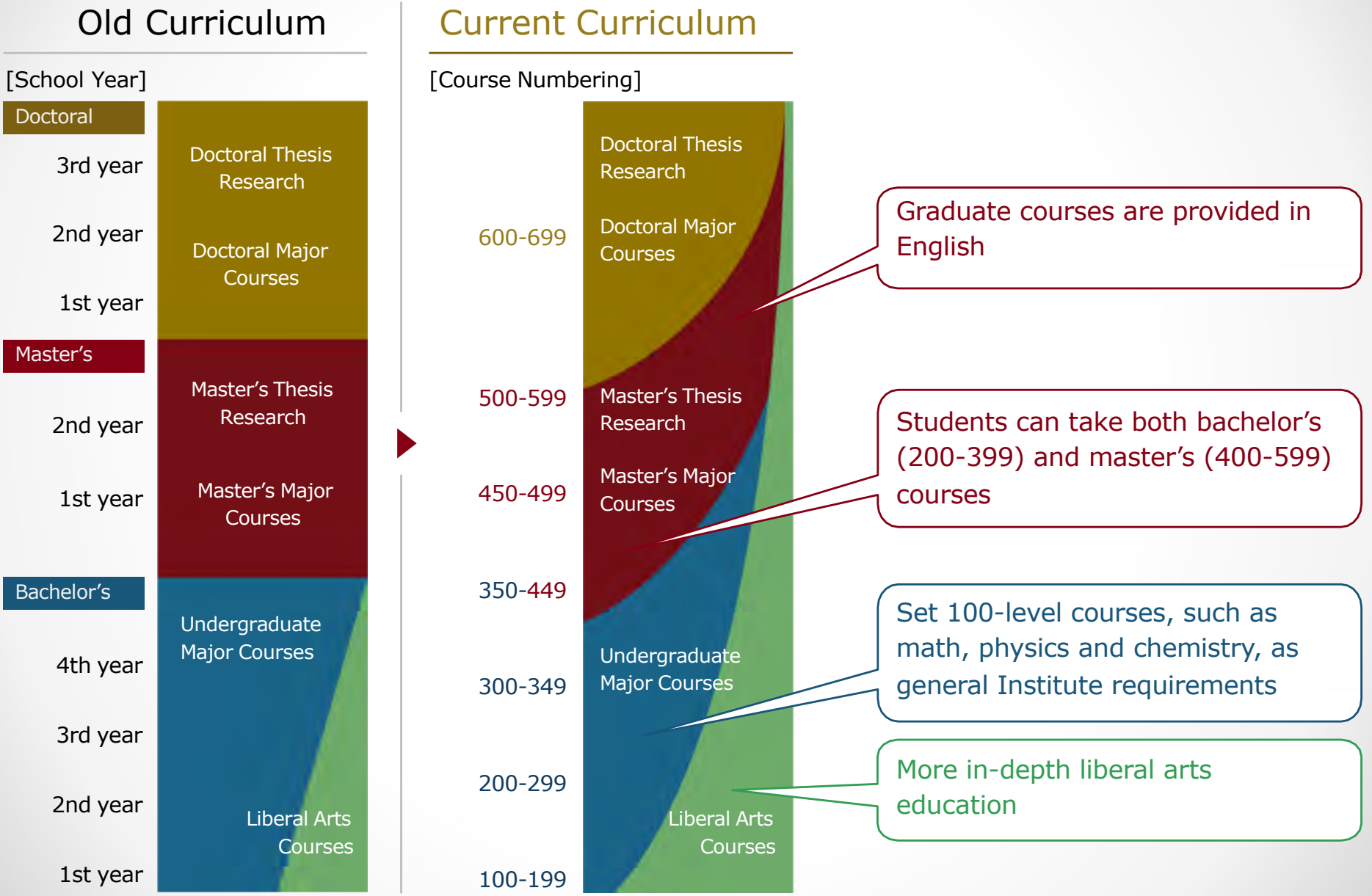
6 Schools, 19 Departments &
a professional master's degree program

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 Undergraduate and Graduate Majors



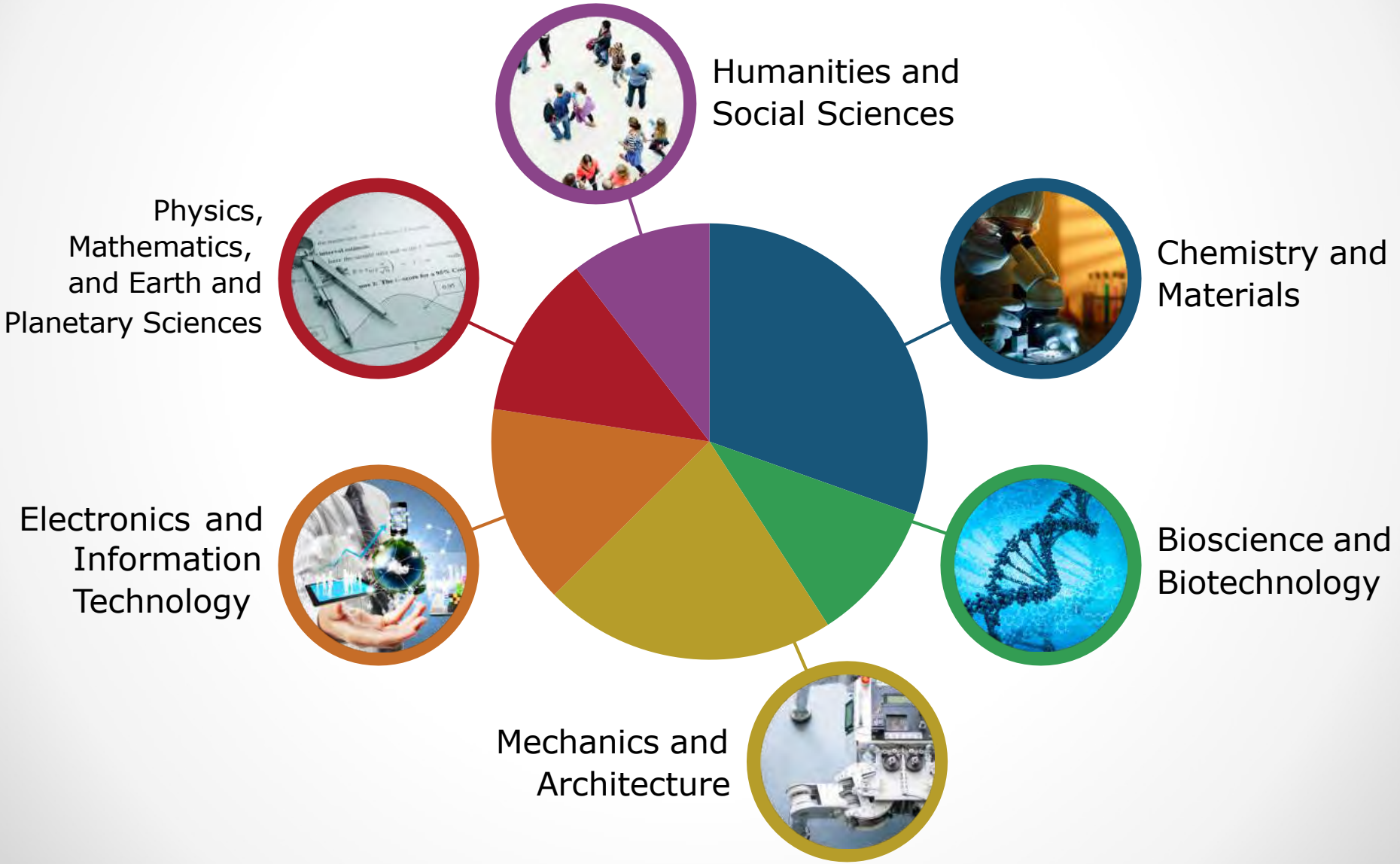
Revitalizing curricula



Contents

Research Areas

(of the 1,110 Faculty Members)
(In general, Professors and Asso.Professors lead their group (lab.).



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 La[$O_{1-x}F_x$]FeAs (x = 0.05–0.12) 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

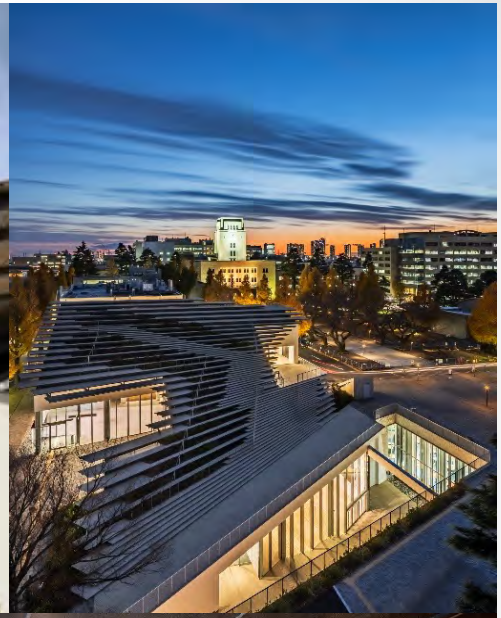
for "the conception and development of the vertical cavity **surface emitting laser** and its multiple applications to optoelectronics" (2013)

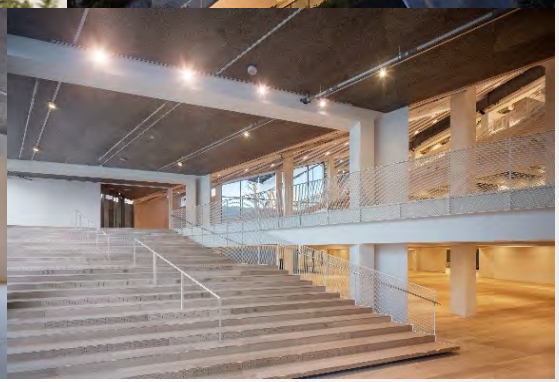
Contents

Hisao & Hiroko Taki Plaza

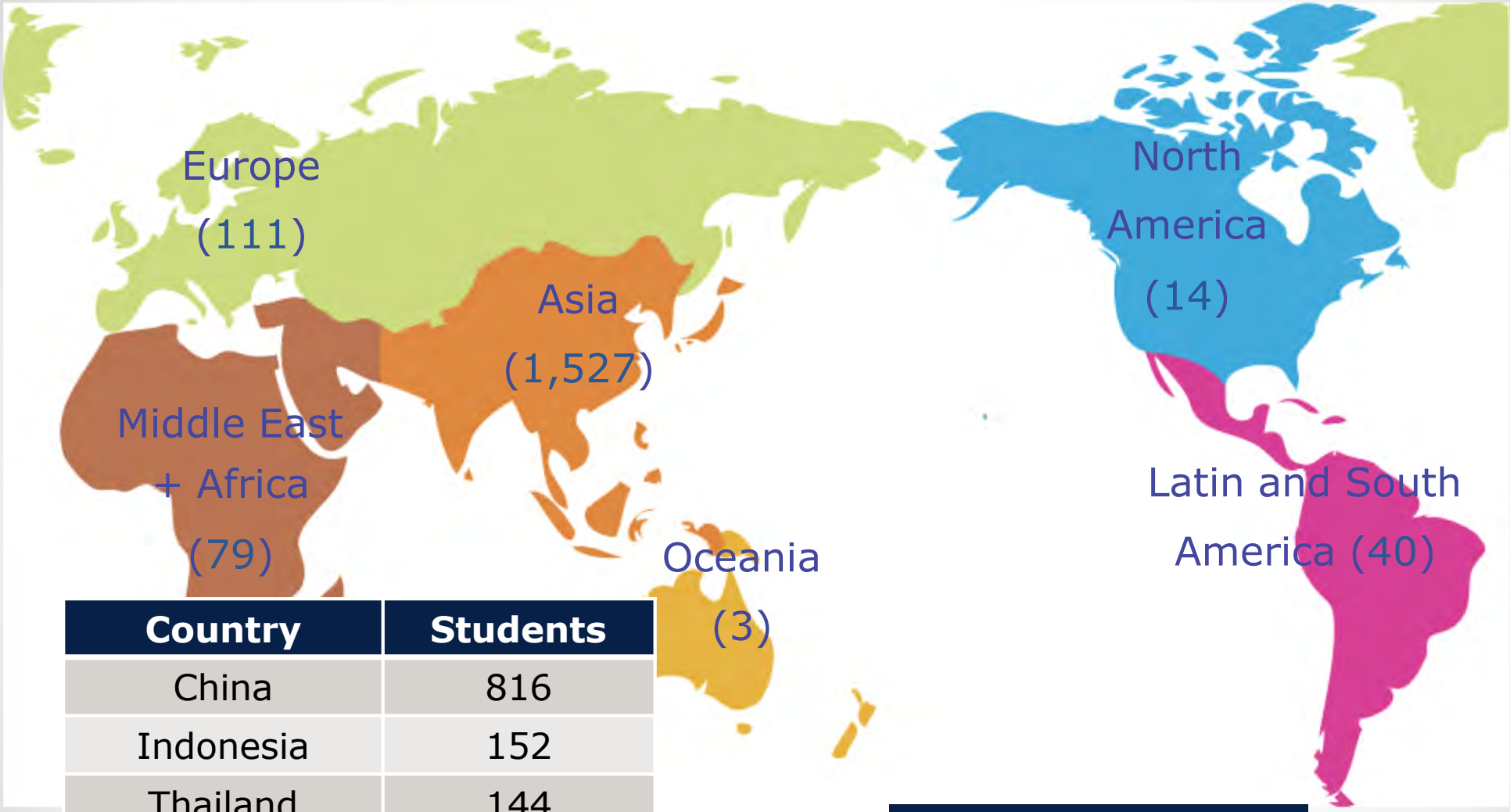
The new landmark on O-okayama as the center of international exchange

chief architect - Kengo Kuma





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

Tokyo Tech International Network

Tokyo Tech ANNEX Bangkok

Tokyo Tech ANNEX Bangkok was established in March 2018. Promoting Tokyo Tech's collaborations in Thailand and in the ASEAN region overall, the ANNEX is located on the campus of the National Science and Technology Development Agency, Thailand.

Tokyo Tech ANNEX Aachen

Tokyo Tech ANNEX Aachen was launched in March 2019. Intended to advance Tokyo Tech's collaborations in Europe, the ANNEX is located on the campus of RWTH Aachen University, Germany.

Tokyo Tech ANNEX Berkeley

Tokyo Tech ANNEX Berkeley opened in October 2021. Intended to drive Tokyo Tech's education and research activities in North America, the third Tokyo Tech ANNEX i located within JSPS San Francisco in Berkeley, California

Overseas Offices

Tokyo Tech's three Overseas Offices in the Philippines, China, and Egypt support the Institute's academic exchanges and cooperation with universities and research institutions in Asia and the Middle East.

Tokyo Tech Philippines Office

Tokyo Tech Philippines Office supports student exchanges, including short-term visit and language programs, and implements the Institute's public relations activities.

Tokyo Tech China Office

Tokyo Tech China Office provides support for the Tokyo Tech-Tsinghua University Joint Graduate Program and publicizes the education and research activities of Tokyo Institute of Technology.

Tokyo Tech Egypt E-JUST Office

Tokyo Tech Egypt E-JUST Office provides support for the development of Egypt-Japan University of Science and Technology (E-JUST).

Contents

GSEP core faculty members

- Jun-ichi Takada (Dean of School of Environment and Society, Professor)

- Naoya Abe (Chair (from AY2022), Professor)
- Shinya Hanaoka (Vice Chair and former Chair, Professor)
- Kunio Takahashi (Professor)
- Yoshihisa Matsumoto (Professor)
- Ryuichi Egashira (Associate Professor)
- Kazuaki Inaba (Associate Professor)
- Alvin Christopher Galang Varquez (Associate Professor)
- Takumi Ohasi (Associate Professor)
- Mehrdad SADEGHZADEH NAZARI (Specially Appointed Associate Professor (Lecturer))
- Sunkyung Choi (Specially Appointed Associate Professor (Lecturer))

Adjunct Faculty member:

- Farid Triawan (Visiting Associate Professor)

Former faculty member

- Eden Mariquit Andrews

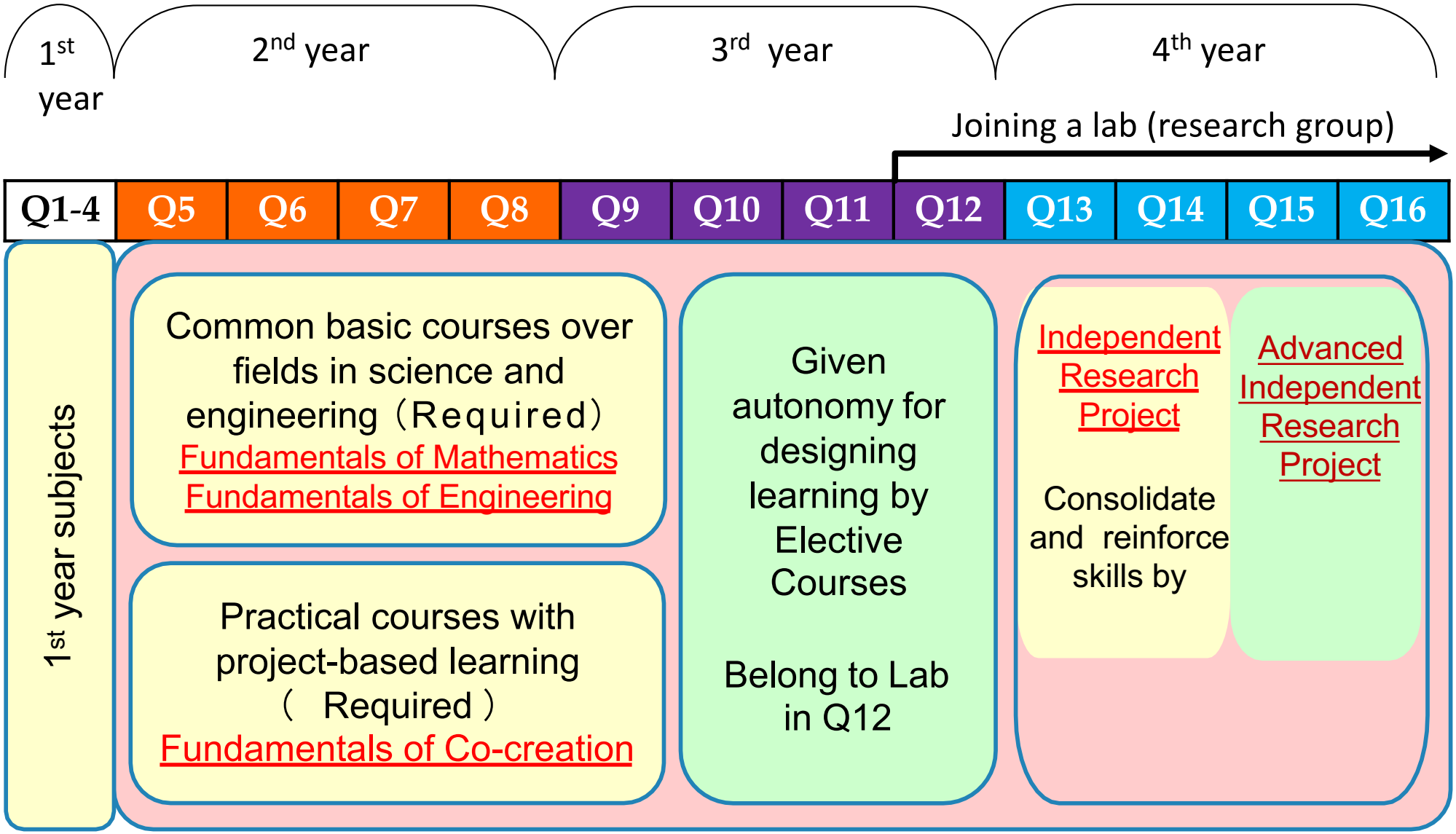
Program Overview

- 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/

GSEP | Global Scientists & Engineers Program

TSE Curriculum (Undergraduate)



カリキュラム構成
COURSE STRUCTURE

1年目は、2年目以降の学びの土台となる数学・物理分野の基礎知識を、100番台の科目の履修を通して修得します。2年目～3年目は、200番台～300番台の科目の履修を通し、分野横断的なエンジニア・科学者に必要な能力・技能を修得します。300番台には、コラボレーション分野の実務能力の修得に役立つPBL（課題解決型学習）分野の科目も複数含まれています。

最終学年では、「学士特定課題研究」及び「学士特定課題プロジェクト」を、学士課程の総括として行います。学生は本研究を通し、個々の知識・関心を深めることができます。

This course is based on a fundamental knowledge of mathematics and physics, which are studied through the 100-level courses during the first year. In the second and third years, 200- and 300-level courses train students to be interdisciplinary engineers and scientists. Students will learn practical collaboration through Project Based Learning (PBL). Relevant subjects will be studied as part of the 300-level courses.

The final year is a summary of the undergraduate course, and students will conduct Bachelor Special Studies Research and a Bachelor-specific Project. This is designed to further the knowledge and interests of the students.

100番台 | 100-Level　200番台 | 200-Level　300番台 | 300-Level

線形代数学第一
Linear Algebra I

線形代数学演習第一
Linear Algebra Recitation

微分積分学第一
Calculus I

微分積分学演習第一
Calculus Recitation I

力学基礎1・2
Fundamentals of Mechanics 1 / 2

電磁気学基礎1・2
Fundamentals of Electromagnetism 1 / 2

量子化学基礎
Basic Quantum Chemistry

無機化学基礎
Basic Inorganic Chemistry

有機化学基礎
Basic Organic Chemistry

化学熱力学基礎
Basic Chemical Thermodynamics

生命化学基礎第一1・2
Fundamentals of Life Science 1 / 2

類専門科目1～4
School type subjects

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

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

熱力学基礎
Engineering Thermodynamics

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

融合デザインプロジェクト
Transdisciplinary 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

専門科目群
ELECTIVE COURSES

融合理工学とデータサイエンス(I)
Data Science for Transdisciplinary Reseach (I)

融合理工学とデータサイエンス(II)
Data Science for Transdisciplinary Research (II)

プログラミングと数値解析基礎
Programming and Numerical Analysis

プログラミングと数値解析応用
Applied Programming and Numerical Analysis

通信とネットワーク
Communications and Networks

電磁気学（融合理工）
Electromagnetics (TSE)

環境流体力学基礎
Basis of Environmental Hydrodynamics

防災工学基礎
Introduction to Natural Disaster Science and Engineering

剛体の運動力学
Rigid Body Dynamics

強度の力学
Mechanics of Strength

操作論
Unit Operations

工業化学
Industrial Chemistry

実用材料の冶金学基礎
Introduction to Metallurgy of Engineering Materials

原子核工学概論
Introduction to Nuclear Engineering

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

地域·地球環境概論　第1＆第2
Basic Theory of Regional and Global Environment 1 and 2

国際開発共創概論
Introduction to International Development

開発経済学入門
Introduction to Development Economics

融合技術論
Methodology of Transdisciplinary Research: Theory and Practice

エンジニアリングデザイン概論
Introduction to Design 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)

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

エネルギーシステム設計基礎論
Foundations of Energy Systems Design

資源·エネルギー工学概論
Theory of Resource and Energy Engineering

エネルギーと環境（融合理工）
Energy and Environment (TSE)

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

TSE Curriculum

GSEP students 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.

From the second half (specifically from 4Q) of their 3rd year, GSEP students join a laboratory (research group).

Examples of research fields (not limited to): Chemical Eng., Mechanical Eng., Civil Eng., Electronic and Communication Eng., Nuclear Eng., Environmental Policy, Translation Studies, International Development, Applied Linguistics, etc.

Required Credits for Undergraduate major in TSE

Courses	Eligibility to engage in independent research project	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 of TSE	2 credits	12 Credits
Common requirements by Tokyo Tech	***Research Opportunity in Laboratories (2 credits)***	***Research Opportunity in Laboratories (2 credits)*** ***Independent Research Project (4 credits)*** ***Advanced Independent Research Project (6 credits)***
Required courses (credits), designated by each undergraduate major	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	128 units or more to graduate

*For more detailed information, refer to Table 2 and Table 3 of the **Study Guide.**

Requirements for engaging in Independent Research Project (IRP)

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

1. **28 credits** of required subjects (◎) in the list of the subjects in the Department of TSE should be obtained.
2. **2 credits** by taking “Research Opportunity in Laboratories"
3. **44 credits, including 28 credits** of required subjects (◎), in the major course in the list of the subjects in the Department of TSE should be obtained.
4. In total, a student should obtain **110 credits**, including 44 credits above.

Requirements 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 (2 credits)", "Independent Research Project (4 credits)", and “Advanced Independent Research Project (6 credits)” should be obtained.
3. **54 credits, including 30 credits** of required subjects (◎), in the major course in the list of the subjects in the Department of TSE should be obtained.
4. **128 credits** should be obtained in total.

Required Liberal Arts course credits for GSEP

- Special arrangements have been set for GSEP students regarding liberal arts courses.

- Roughly speaking, GSEP students only need to concern whether a course is listed as in 200s or in 300s. Do not worry about the categories of liberal arts courses (three categories.)

- GSEP students take Japanese language course as a first foreign language courses. **ALL GSEP students are highly recommended to pass JLPT N2 by the time of their graduation.**

- Review the requirements and special arrangements through the link:
- https://www.titech.ac.jp/english/student/pdf/20b.pdf

Japanese language and culture courses for GSEP students, 2022

Inquiry: intermediate@js.ila.titech.ac.jp

1. Course list

GSEP students must obtain 9 credits of Japanese language and culture courses as a substitute for the mandatory English courses.

[Course list]

- 100-level (1st year, beginner level)
  Japanese 1(GSEP):1Q Tuesday 14:20~ and Thursday 16:15~
  Japanese 2, 3 and 4(GSEP): 2Q~4Q Tuesday 14:20~ and Thursday 10:45~
- 200-level (2nd year, pre-intermediate level)
  Japanese 5, 6, 7 and 8(GSEP) : 1Q~4Q Wednesday 14:20~
- 300-level (3rd year)
  Japanese 9

2. Assessment of Japanese language proficiency

Please complete the following procedures **by April 7th, Thursday**.

1) Make an account on the Japanese Class Online System (JCOS). JCOS will open at noon on Apr. 4
https://cuckoo.js.ila.titech.ac.jp/~yamagen/regist-h/

2) Take an online listening and grammar test at the JCOS. (approx. 10~20 minutes)
https://cuckoo.js.ila.titech.ac.jp/~yamagen/leap/leapPlus.php

3) Tell us your Japanese level as assessed by the test in Google Forms
https://forms.gle/XsdXHUQzBSCNMYKT8

3. Orientation and class

For beginner learner (B1 and B2 level):
The first class and orientation for Japanese 1 will be held on **April 12th, 14:20-16:00 (JST)**.

- From April, classes will be live-streamed via Zoom. After that, classes may be changed to face-to-face or high-flex classes depending on the students' arrival in Japan.

3. Orientation and class (continued)

For students who have studied Japanese before (B3~ level)
According to your Japanese language level, the coordinator will recommend you attending one or two intermediate-level classes open for graduate students.
Consultation session will be held on April 8th at your convenient time between 12:30~15:00 (JST, via zoom)

How to take graduate Japanese courses.
1) Reservation: Choose a Japanese class that is suitable for your Japanese level on the JCOS, select "Japanese 1-9" from a pull-down menu of "credit".
2) Registration for credits: register for Japanese 1-9 (undergraduate courses) on the Kyomu Web System.
For credit approval, the following courses are recommended:
Basic Japanese 3 or 4; and Intermediate Japanese 1, 2, 3, 4, 5 , 6, 7 or 8

4. **Japanese 9 (300-level)**

You should obtain "Japanese 9" credit by attending one of the I3 or higher levels of Intermediate Japanese courses for graduate students; and register "Japanese 9" in the Kyomu web system. Note that we will not open any class named "Japanese 9".

5. References

Japanese courses for international graduate students
https://js.ila.titech.ac.jp/~web/japanese.html

Japanese course lists for graduate students
https://js.ila.titech.ac.jp/~web/courselist.html

Reservation and registration procedure of Japanese language classes for graduate students
https://js.ila.titech.ac.jp/~web/japanese.html#procedure

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）
0Ethics in Engineering A/B/C（LAH.T105, T206, T305）
0Frontiers of Science and Technology（LAS.F101）

Major course group

0Processes for Creation in Science and Technology

【School of Environment and Society】（XES.P101）
0School of Environment and Society Academic Group Literacy（XES.A101）
◎Research Opportunities at Laboratories（TSE.Z381）
◎Independent Research Project (TSE.Z389)

NO worry about the requirements for Level 1 as long as you take the "visionary project" and "Intro. to TSE" in the second year. But you must understand the importance of research ethics. Simply, please do not "copy and paste".

◎ - Required courses
0 - Electives

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 (primary and secondary) advisors to oversee their academic affairs in the department

Academic Advisors for GSEP Batch 2022

Student names	Primary advisors	e-mail (add ".titech.ac.jp")	Secondary advisor (advisor you contact first)	e-mail (add ".titech.ac.jp")
HOANG DUC QUANG	EGASHIRA, Ryuichi	hanaoka@ide	VARQUEZ ALVIN CHRISTOPHER GALANG	varquez.a.aa@m
KOOSAKUL PONTAKORN	MATSUMOTO, Yoshihisa	matsumoto.y.ac@m	SADEGHZADEH NAZARI MEHRDAD	mehrdad.aa@m
MURANCATHUPARAMBIL RACHEL	TAKAHASHI, Kunio	takahak@tse.ens	CHOI SUNKYUNG	choi.s.ae@m
NEERAPATTANAGUL SASIPHA	TAKAHASHI, Kunio	takahak@tse.ens	CHOI SUNKYUNG	choi.s.ae@m
RALPH CAMERON JOSEPH	INABA, Kazuaki	inaba.k.ag@m	SADEGHZADEH NAZARI MEHRDAD	mehrdad.aa@m
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SETTAGAROON SETTASIT	HANAOKA, Shinya	hanaoka@ide	VARQUEZ ALVIN CHRISTOPHER GALANG	varquez.a.aa@m
SYED AHAMED MOHAMED ILYAS	EGASHIRA, Ryuichi	nabe@ide	VARQUEZ ALVIN CHRISTOPHER GALANG	varquez.a.aa@m
VILLALUZ RAPHAEL CRUZ	MATSUMOTO, Yoshihisa	matsumoto.y.ac@m	SADEGHZADEH NAZARI MEHRDAD	mehrdad.aa@m
WATTANASOPON MOK	INABA, Kazuaki	inaba.k.ag@m	SADEGHZADEH NAZARI MEHRDAD	mehrdad.aa@m
WIJAYA MIKAEL	Ohashi, Takumi	nabe@ide	CHOI SUNKYUNG	choi.s.ae@m
YANG PU	HANAOKA, Shinya	hanaoka@ide	VARQUEZ ALVIN CHRISTOPHER GALANG	varquez.a.aa@m

Incorrect

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YANG PU	HANAOKA, Shinya	hanaoka@ide	VARQUEZ ALVIN CHRISTOPHER GALANG	varquez.a.aa@m

Corrected after the orientation

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 2022

First Quarter Classes & Exams (1Q): April 9 – June 10, 2022

Second Quarter Classes & Exams (2Q): June 11 – August 9, 2022

Check the following page for

https://www.titech.ac.jp/english/student/students/life/schedules

Lectures for Q1 will be held in various formats. ~~via Zoom.~~

- Check the class settings at T2SCHOLA.
- Attend classes virtually until you come to Japan.
- Utilize broadband internet connection preferable.

- Official information from Tokyo Tech regarding courses will be sent to your Tokyo Tech email accounts or through **T2Schola**.

Tip (must-to-do): Switch on mail forwarding.

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

1st Quarter 2022 (For GSEP 1st Year Students)

(Last updated Mar 28, 2022)

Time		Mon	Tue	Wed	Thu	Fri
8:50 | 9:40 | 10:30	1		Basic Inorganic Chemistry LAS.C101-09 Juhasz Gergely Miklos Face-to-face 1 credit		Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Zoom 2 credits	Fundamentals of Mechanics 1[I] LAS.P101-09 Undecided Face-to-face 1 credit
	2					
10:45 | 11:35 | 12:25	3	Information Literacy I [EN(IL1)] LAS.I111-19 Bonnet Francois Livestream 1 credit	Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Face-to-face 2 credits	Linear Algebra I / Recitation [V] LAS.M102-07 Purkait Soma Face-to-face 2 credits	Tokyo Tech Visionary Project [41] LAH.C101-41 Blended 2 credits	Fundamental Life Science 1-1 [K] LAS.B101-09 Takahashi Masayuki Hy-Flex 1 credit
	4					
12:25 | 14:20	昼時間帯				Frontiers of Science and Technology【b】 LAS.F101-02 Zoom 1 credit (Japanese, English translation)	
14:20 | 15:10 | 16:00	5	Tokyo Tech Visionary Project [41] LAH.C101-41 Blended 2 credits	Japanese 1 [GSEP] LAJ.J101-04 Komatsu Midori Face-to-Face 1 credit	English Speech Seminar 9 LAE.E371 Kiyama Lorinda Livestream 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[i] LAS.P105-09 Undecided Face-to-face 1 credit (for 1Q-2Q)
	8					Physics Experiment I [Fr] LAS.P107-04 Introductory Physics Laboratory (W2) 1 credit (for 1Q-2Q)
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 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

Wednesday, April 6, 2022 9：00 ～ Friday, April 22, 2022 13:00

Color Code

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

2nd Quarter 2022 (For GSEP 1st Year Students)

(Last updated Mar 28, 2022)

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 Face-to-face 2 credits	Fundamentals of Mechanics 2[I] LAS.P102-09 Undecided Face-to-face 1 credit	Economics A LAH.S109 Yang Qizhong On-demand 1 credit (Face-to-face)
	2						
10:45 | 11:35 | 12:25	3	Information Literacy II [EN(IL2)] LAS.I112-19 Bonnet Francois Livestream 1 credit	Calculus I / Recitation [U] LAS.M101-13 Purkait Soma Face-to-face 2 credits	Calculus I / Recitation [U] LAS.M101-13 Purkait Soma Face-to-face 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 Hy-Flex 1 credit	
	4						
12:25 | 14:20	昼時間帯						
14:20 | 15:10 | 16:00	5	Law (Civil Law) A LAH.S102 Kaneko Hironao Zoom 1 credit (Face-to-face)	Special Lecture:Thinking and Learning through musiums LAH.T112 Bektas Yakup Zoom 1 credit (Face-to-face)	Japanese 2 [GSEP] LAJ.J102-04 Komatsu Midori Face-to-face 1 credit	English Speech Seminar 10 LAE.E372 Kiyama Lorinda Livestream 1 credit		
	6						
16:15 | 17:05 | 17:55	7					Exercises in Physics I[i] LAS.P105-09 Undecided 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
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Course Registration Period

Wednesday, April 6, 2022 9:00 ～ Friday, April 22, 2022 13:00

Color Code

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

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

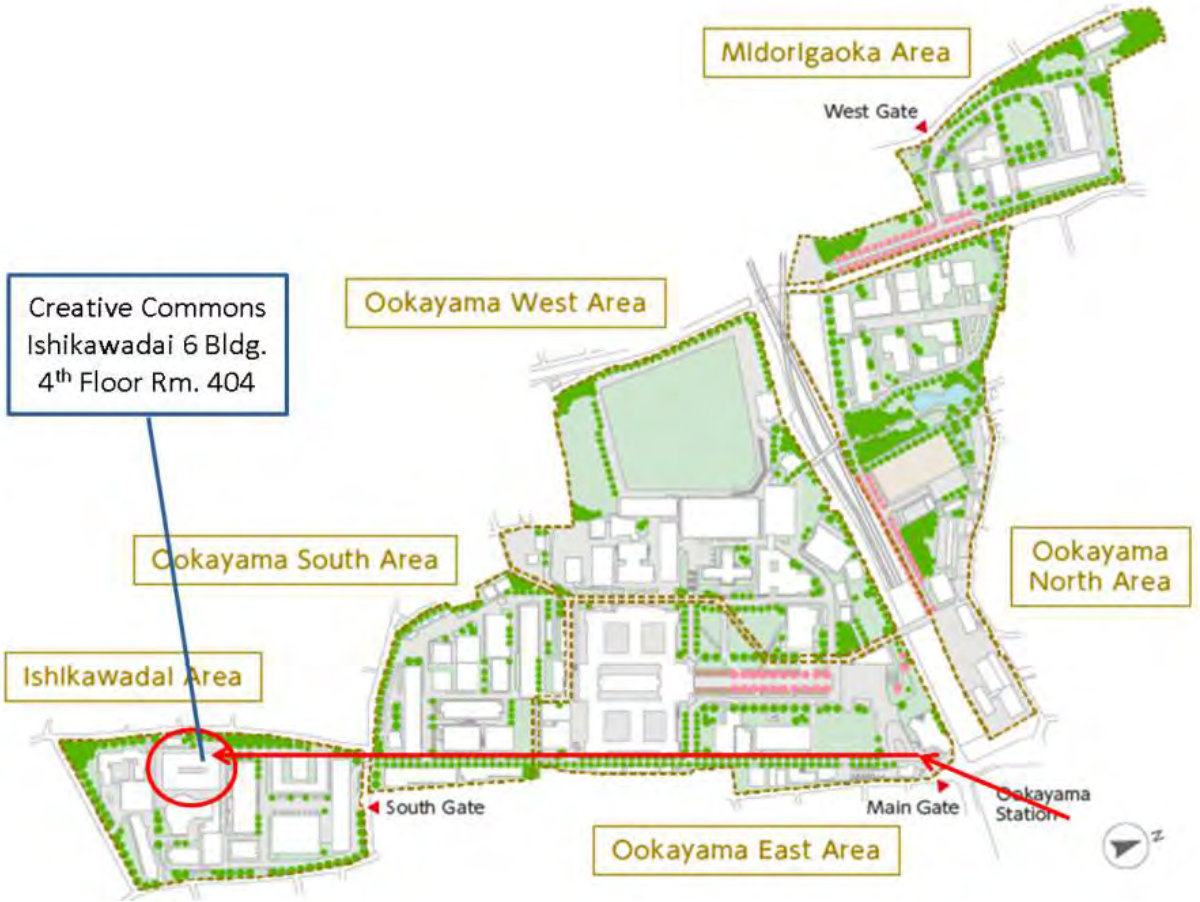
Student Association for Global Exchange (SAGE)

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 | Global Scientists & Engineers Program

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