Student Life Coaches
Orientation for Newly Enrolled Graduate Students
Commencing in April 2021

Student Success Support Section,
Student Support Center
Email: concierge.info@jim.titech.ac.jp

Due to the influence of the new coronavirus, the schedule and contents may change. Please check the latest information.

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◇ Student Life Coaches

We are staff members who assist students by providing guidance on studying and university life at Tokyo Tech.

- Student Life Coaches are affiliated with the Student Success Support Section of the Student Support Center.
- We offer the necessary support to help students adjust to life at Tokyo Tech.
- We provide tips on how to make the most of your time at Tokyo Tech.
- We are here to listen to any problems or questions that students may have.
- We also provide email consultation.

https://www.titech.ac.jp/english/enrolled/counseling/concierge.html

◆ Student Life Coach Service Desk

The Student Life Coaches service desk is located on the B1 level of Taki Plaza.
Also on the B1 level, there is the global lounge, where students are encouraged to relax on sofas, watch overseas broadcasts, and browse international magazines, as well as a study abroad and career information area, where students can peruse a variety of books on the surrounding shelves.
There is also a café on the first floor of Taki Plaza.

①Main bldg.
②Global Scientific Information and Computing center（GSIC）
③Hisao&Hiroko Taki Plaza(Taki Plaza)
④Centennial Hall（Museum）
⑤Institute Library

Location：Taki Plaza B1 Level

Office Hours: 10:00-13:15 and 14:15-17:00 (Monday thru Friday)

Note: The office is closed on public holidays and Dec. 29-Jan. 3. The office may also close temporarily for events and other unavoidable circumstances. We may have to close the desk due to COVID-19 circumstances or for other unavoidable reasons.

◇ Hisao & Hiroko Taki Plaza

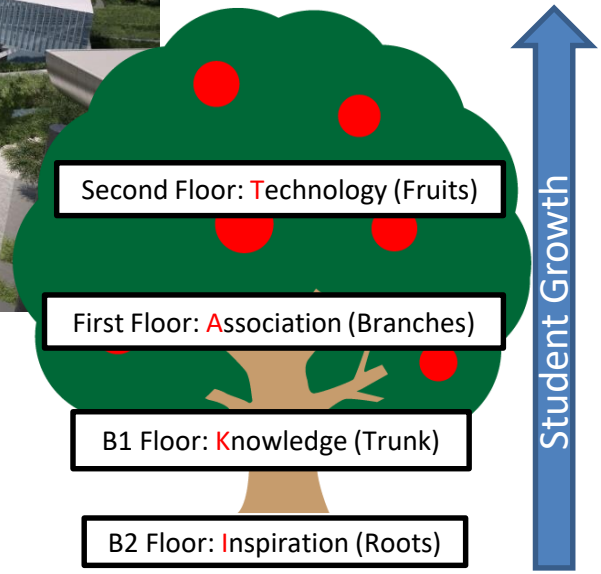
Grand Opening is scheduled for April 2021

Get involved in the many activities that will be offered at this new student exchange facility in front of the library on Ookayama Campus!

Design Concept: “A space where international and Japanese students connect, deepen ties, and create the future together.”

Taki Plaza website
Home＞ Current Students＞ Facilities＞ Taki Plaza

Provided by: Kengo Kuma and Associates



Second Floor: Creative space
Motivated students will come together to create ideas (technology) that will blossom.

First Floor: Café and public art area
Branch out and connect to the outside world.

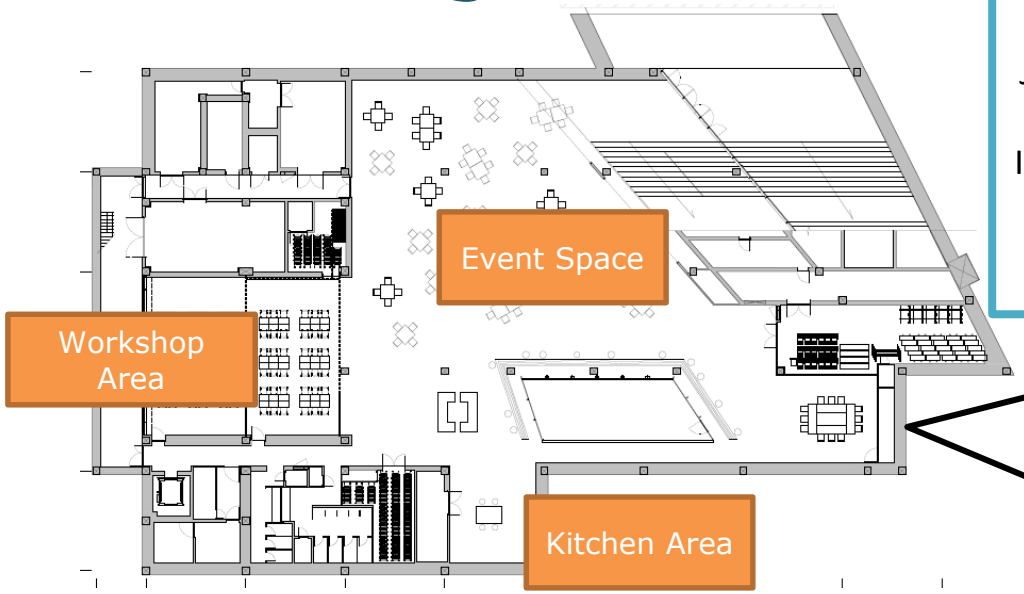
B1 Floor: Study abroad, career support, learning information area
Accumulate knowledge and strengthen your base to fly into the world. Plans for one-on-one peer tutoring (science and technology courses, languages, and writing).

Points: Strengthen support for international students and promote learning among students

B2 Floor: Event space
The B2 event space is the “roots” absorbing nutrients and water, while peer interaction will yield inspiration.

Note: Various student service desks will be consolidated on the First Floor and B1 Floor for a one-stop service.

B2 Underground Level

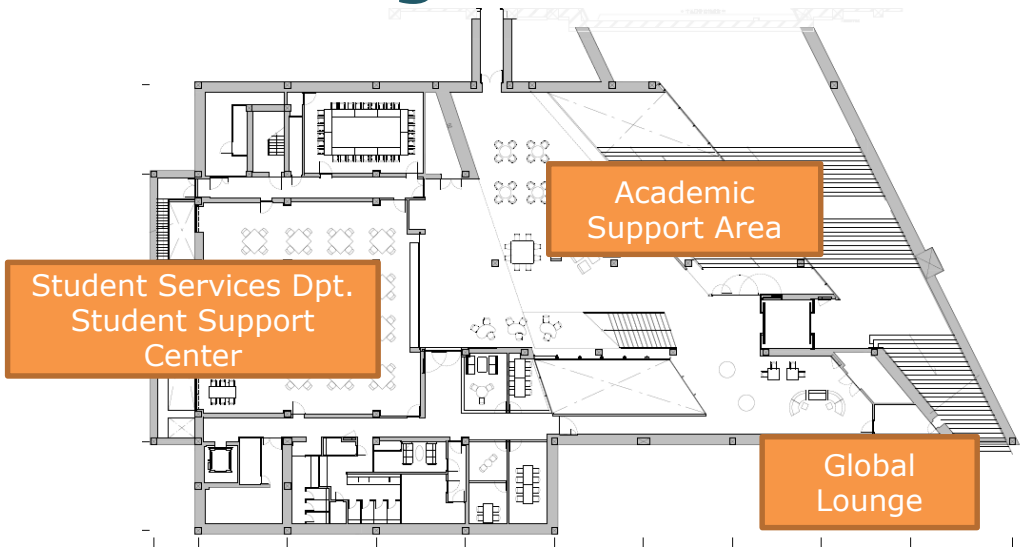


At the event space, exchange events between Japanese and international students as well as various student-planned events are scheduled to be held.
In the kitchen space, you may have the chance to learn from international students about how to prepare dishes from their home counties.

TPG Room

This is a room for Taki Plaza Gardener, the student committee that runs Taki Plaza. The committee has been vigorously involved in all aspects of Taki Plaza and working diligently to hold events, build a community, and issue free newspapers.

B1 Underground Level

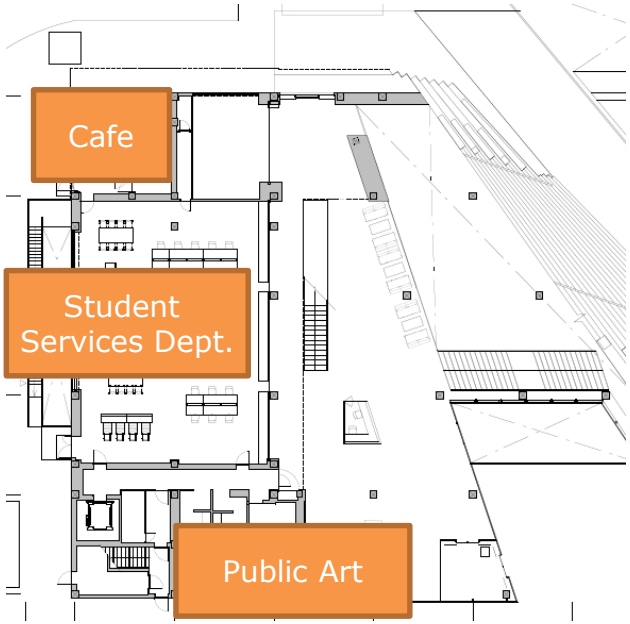


In the study abroad and career information area, there are shelves filled with books on overseas study and career opportunities. Specialized faculty members and staff are available to provide detailed information and counseling.

You can also ask for advice from senior students about course registration and studying.

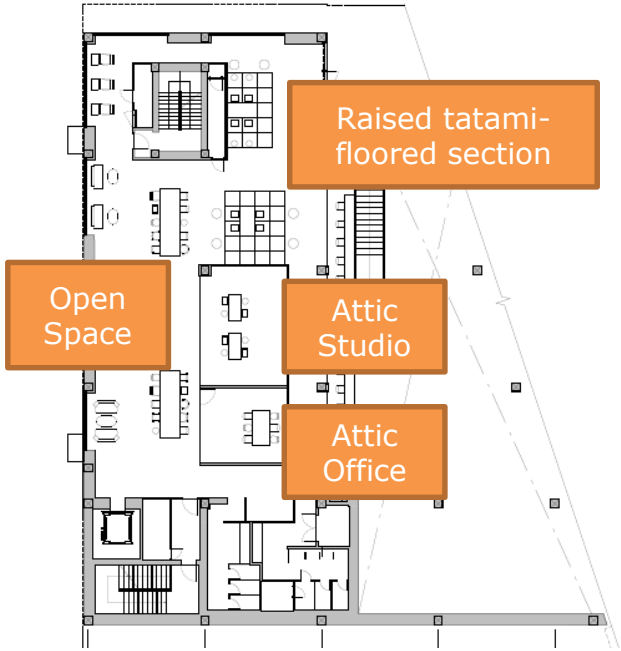
The global lounge is an area where international students gather and everyone can enjoy overseas news and other media.

The first floor



At the main entrance, there is a large ceramic wall mural designed by manga artist Katsuhiro Otomo, who is famous for his film “AKIRA.” There is also a café facing the wooden deck.

In addition, there is a reception desk for students who come for financial support or services at the Student Services Department.



This is free space with an attic studio, where students can materialize their ideas.

Tokyo Tech students designed a raised tatami-floored section and selected the furniture.

The second floor

◇ Information from the Institute

◆ Ensure you do not miss information from the Institute

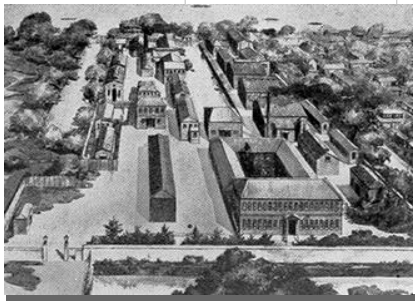
- Tokyo Tech provides a variety of information by posting notices on the website (current students: Student Services Dept. bulletin information and Announcements, etc.) and sending emails to your Tokyo Tech email address (‘m’ address). Please be sure to check these sources at least once a day.
- You will be notified about class cancellations, course registration periods, course completion, etc.
- Even during the summer or spring break, you will receive important messages.
- We recommend forwarding emails received at your ‘m’ address to your smartphone.
- Let's be able to acquire the necessary (related) information for you from various information.

◇ History of Tokyo Tech

May 1881	March 1890	May 1901	April 1929	May 1949	April 2004	May 26, 2021
founded as **Tokyo Vocational School**	renamed **Tokyo Technical School**	renamed **Tokyo Higher Technical School**	Officially began conferring degrees, and renamed **Tokyo Institute of Technology**	Reorganization of the Institute following the enactment of the National School Establishment Law	Reestablished as National University Corporation **Tokyo Institute of Technology**	140th anniversary

1884–1892 Gottfried Wagener taught at the school

1890–1916 Seiichi Tejima served as school principal



Tokyo Vocational School, Kuramae Campus

Main building of Tokyo Higher Technical School, Kuramae Campus

Ookayama campus, 1941

Main building of Tokyo Institute of Technology, Ookayama Campus

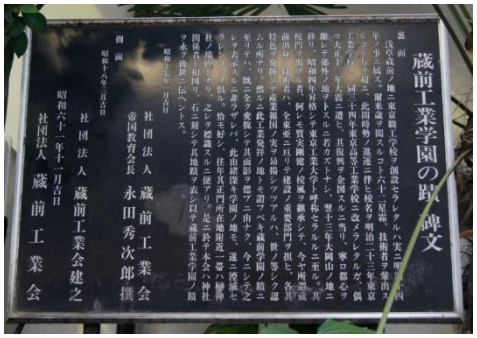
1882 Kuramae Campus opened

1906 Kuramae Kōgyōkai (alumni association) was founded

1923 The Great Kanto Earthquake
1924 Relocation to Ookayama

◆ History of Tokyo Tech

◇Kuramae: The Birthplace of Tokyo Tech



December 1882

Brick buildings were erected in Kuramae, Taito Ward, for Tokyo Vocational School.

- Many great talents were fostered, awarding the school the adage, “Where there's a chimney, there’re Kuramae.”
- Kuramae Kōgyōkai, Tokyo Tech’s alumni association, takes its name from this place.

September 1, 1923

Kuramae Campus buildings were destroyed by the Great Kanto Earthquake.

April 1924

The school was relocated to Ookayama.

Tokyo Tech’s monument stands on the grounds of the Dairokuten Sakaki Shrine.

◆ Influential Figures during the Founding and Early Years

◇Seiichi Tejima School principal, 1890–1916

Father of engineering education in Japan

While maintaining academia-industry ties, fostered individuals who were instrumental in the growth of private businesses and modernization of the industry.

- Advocated the importance of engineering education, and changed the name of the school from Tokyo Vocational School to Tokyo Technical School.
- Reorganized departments to better reflect trends in the industry.
- Revised the admission procedure to encourage applications (e.g., introduction of special admission for high achievers and entrance examinations in provincial areas).

◇Gottfried Wagener

Wagener was the sole foreign instructor during the early years after founding. In 1884, he began teaching a ceramic engineering course, and from 1886, he headed the newly established Glass and Ceramic Engineering Department. His experiments in ceramics resulted in Asahi ware, white earthenware decorated in Japanese motifs (on display at the Tokyo Tech Museum and Archives).

◆ Tokyo Tech's World-Class Achievements

Autophagy mechanisms

Y. Ohsumi received the 2016 Nobel Prize in Physiology or Medicine for his discoveries.

Determination of absolute zero, -273.15℃

The last two digits were defined in 1954 based on M. Kinoshita and J. Oishi's research.

World's first CRT TV

K. Takayanagi invented the world's first CRT TV in 1929.

Fiber-optic communication

Y. Suematsu began researching optical communication in 1961. His students have gone on to contribute to the research and commercialization of fiber-optic communication technology at a global level.

Quantum computers

The quantum annealing model proposed by H. Nishimori in 1998 has helped in the development of quantum computers with commercial value.

IGZO thin film transistors

H. Hosono's invention of an amorphous semiconductor led to the world's first successful manufacture of IGZO-TFTs by Sharp.

TSUBAME supercomputer

The world's most energy-efficient supercomputer.

◆ Tokyo Tech's World-Class Achievements

Temperature-insensitive quartz oscillation plates

Invented by I. Koga circa 1932. His achievement was recognized as an IEEE Milestone in 2017.

Conductive polymers

Discovered at Tokyo Tech by H. Shirakawa, conductive polymers are finding their uses in displays and LSIs. Shirakawa was awarded the 2000 Nobel Prize in Chemistry.

Ferrite

Ferrite, a magnetic material, was invented in 1930 by Y. Kato and T. Takei, and commercialized by TDK.
Superconductors
H. Hosono discovered high-temperature superconductors made from iron compounds.

Contribution to ammonia synthesis

S. Tamaru was a member of the research team that pioneered industrial ammonia synthesis. Subsequent developments of catalysts were carried out by A. Ozaki, K. Aika, H. Hosono, and M. Hara.

Centennial Hall

Home to the Tokyo Tech Museum and Archives, the hall was designed by K. Shinohara, winner of the 2010 Golden Lion in Memoriam Award (La Biennale di Venezia).

Vitamin B2

T. Hoshino and T. Sato succeeded in the vitamin's synthesis and manufacture in 1951.

Gears

T. Nakata, who began his research on gears circa 1929, contributed greatly to advances in the automobile industry.

◆ "Roots of Robocon"

Roots of Robocon depicts two dry cells and is stamped with the phrase "Monotsukuri wa hitotsukuri,"* an ode to Mori's hands-on style as a professor. The monument stands outside the west end of South Building 5 on Ookayama Campus, the location of the goal line during the original competition in 1982.

* Roughly translates to "Those who make, learn."

◆ Albert Einstein's visit to Tokyo Tech

A picture of Albert Einstein visiting Tokyo Tech in 1922, then known as "Tokyo Higher Technical School"

◇Education of Tokyo Tech

◆ Education Reform to Cultivate Talent

Talented people with the expertise and leadership skills to create a better future

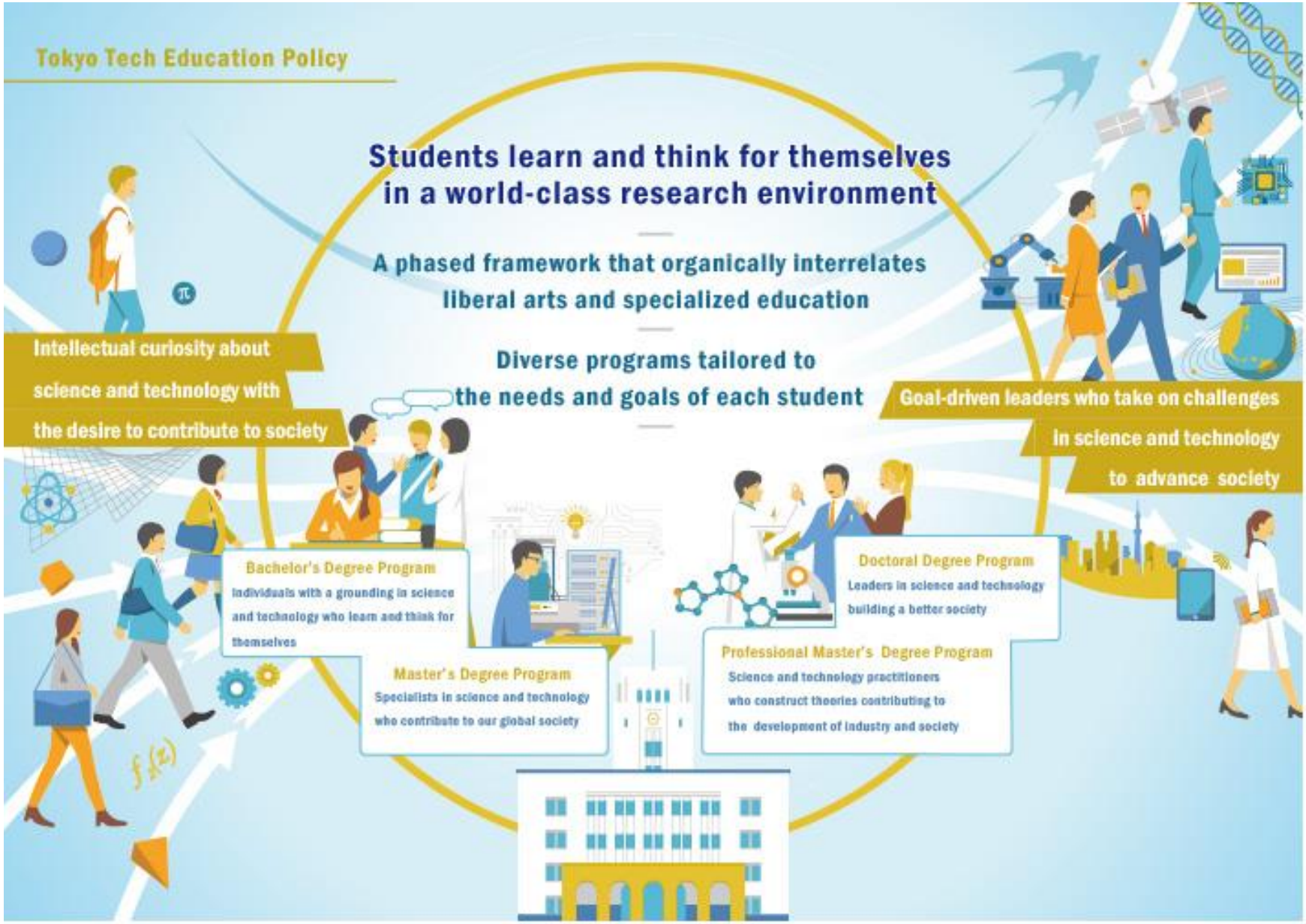
Expertise

- Acquisition of fundamental knowledge in a wide range of fields, including mathematics, physics, chemistry, and life sciences
- Basic and specialized knowledge at the world's highest level in the fields of science and technology
- Will to contribute to society in science and technology fields

Leadership

- Broad vision based on accomplishments both inside and outside their areas of expertise
- Ability to communicate and collaborate with people from different fields and cultures
- Drive to take on global issues
- Will and ability to take part in creating a better future

◆ Education Policy



◆ Education Policy

Master's Degree Program

Master's level studies (Source: Introductory brochure for prospective students)

Students commit themselves to in-depth research and advance their knowledge in specialized fields while continuing to study liberal arts. They also acquire proficiency in technical English, enabling them to present their findings at academic conferences in Japan and overseas and to forge their careers.

Cultivated professionals

(Source: Tokyo Tech Education Policy available via the Institute website)

Specialists in science and technology who contribute to our global society

Master's students will be equipped with:

- Broad specialist skills
- General intercultural skills
- Ability to integrate diverse ideas
- Enthusiasm to explore the mysteries of science and technology
- Ability to engage in practical matters

Qualities and capabilities expected of prospective students

(Source: Tokyo Tech Education Policy available via the Institute website)

- Fundamental specialist skills
- Cultural skills
- Skills necessary to provide logical explanations
- Ability to learn and think for oneself
- Willingness to challenge the unknown
- Understanding of ethical issues

◆ Education Policy

Doctoral Degree Program

Doctoral level studies (Source: Introductory brochure for prospective students)

Students engage in high-level research as they pursue their doctoral degree. This degree will serve as a passport throughout their careers, as they will have many available options when contemplating each step.

Cultivated professionals

(Source: Tokyo Tech Education Policy available via the Institute website)

Leaders in science and technology building a better society

Doctoral students will be equipped with:

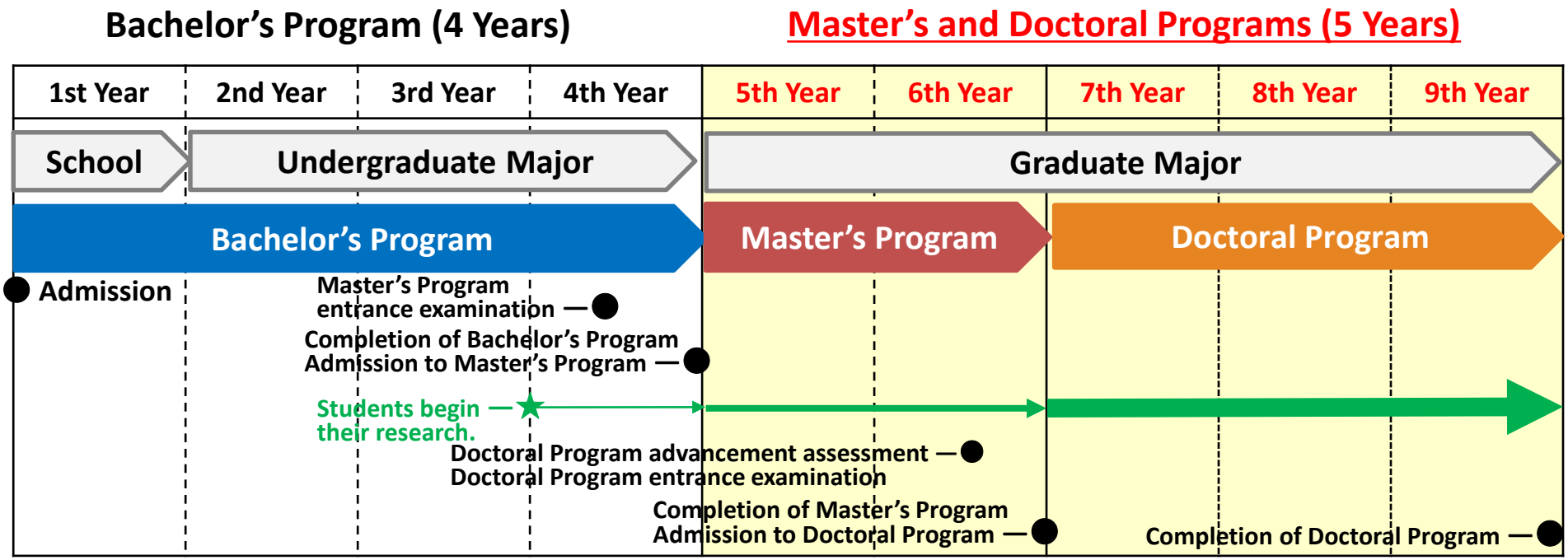
- Superior specialist skills
- Developed intercultural skills
- Ability to provide logical explanations to society and exhibit leadership
- Ability to take on new challenges without limits and to perceive the true essence and universality of matters
- Ability to generate new knowledge, create value, and inspire others

Qualities and capabilities expected of prospective students

(Source: Tokyo Tech Education Policy available via the Institute website)

- Broad specialist skills
- General intercultural skills
- Ability to integrate diverse ideas
- Enthusiasm to explore the mysteries of science and technology
- Ability to engage in practical matters

◆ Standard Progression of Degree Programs



Student Numbers as of May 1, 2020

Bachelor's Program		Master's Program		Doctoral Program
Bachelor's students: 4,922 in total International students: 5% New enrollments: Approx. 1,100/year	More than 80% advance to a master's program (about 900 every year).	Master's students: 4,052 in total International students: 21% New enrollments: Approx. 1,950/year	Close to 20% advance to a doctoral program (about 250 every year).	Doctoral students: 1,474 in total International students: 40% New enrollments: Approx. 450/year

About 1050 from other universities every year

About 200 from other universities every year

Bachelor's Program
Course credits: 124 or more in 4 years
Students build a foundation for their specialized studies by taking courses.

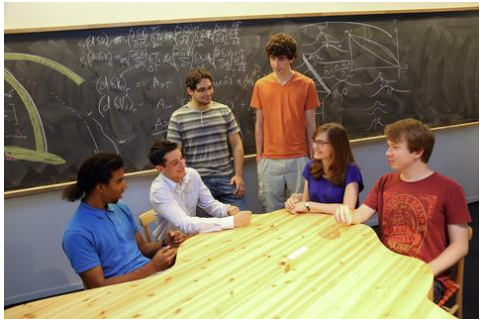
Master's Program
Course credits: 30 or more in 2 years
Students spend more time in a laboratory conducting in-depth research rather than taking courses.

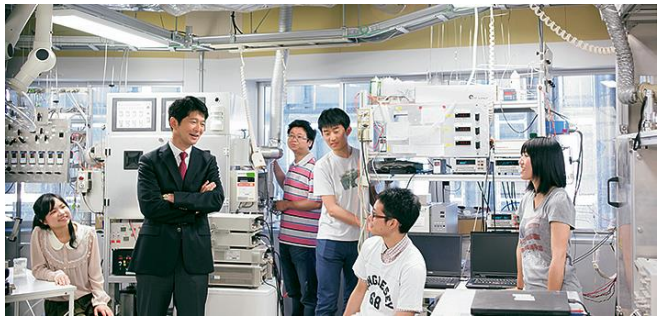
Doctoral Program
Course credits: 24 or more in 3 years
Students engage in high-level, original research to become a professional in their field, while taking fewer courses.

◆ Major Milestones of Graduate Programs

Tokyo Tech

5th Year	6th Year	7th Year	8th Year	9th Year
Master's Program		**Doctoral Program**		
● Orientations and welcome events		● Orientations and welcome events		
← Seminars, conferences, research tours, etc. →				
● Master's research proposal presentation		● Doctoral research proposal presentation		
← Job Hunting →		← Job Hunting →		
Thesis interim presentation ●			● Dissertation interim presentation	● Preliminary examination
	Thesis presentation and final examination Graduation events ●			Dissertation presentation and final examination Graduation events ●





Graduate students are more involved in laboratory research than in classes and lectures.

They will spend a lot of time with academic supervisors and research lab members, performing experiments and taking part in discussions, research paper readings, and seminars. Fellow students will have varied backgrounds. They may be international students, working adults, or research students. Internships, presentations at international conferences, and reading research papers are also an important part of graduate studies.

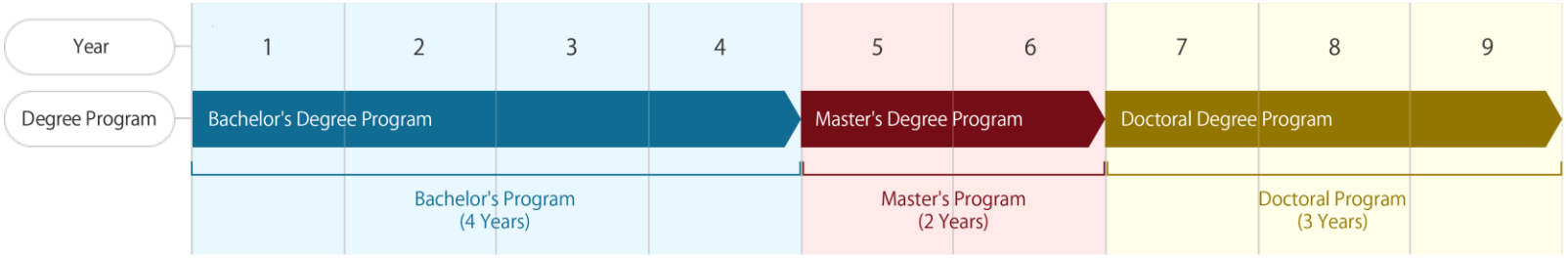
◆ What Students Can Do at Tokyo Tech

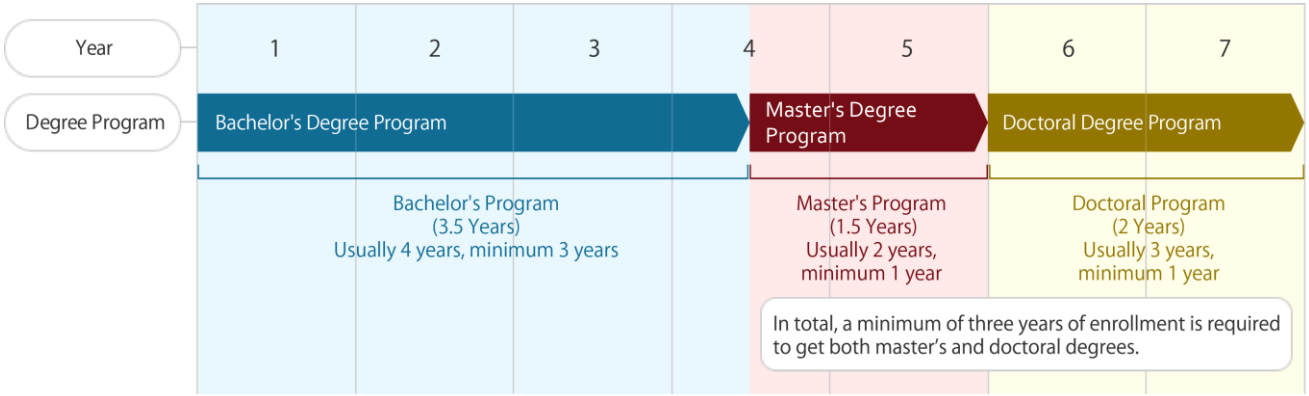
1. Establish one's own field of expertise through obtaining a master's or doctoral degree.
2. Participate in world class research.
3. Acquire education in the liberal arts.
4. Participate in academic conferences.
5. Broaden one's expertise by taking a minor or progressive minor as part of a master's degree program.
6. Develop an additional set of skills through Special graduate degree programs.
7. Take the first step to reach one's future goals.

Tokyo Tech's graduate programs will further develop the skills and strengths — including expertise, liberal arts education, and human skills — that students have acquired thus far, and guide them toward their future career path.

◆ Durations of Study

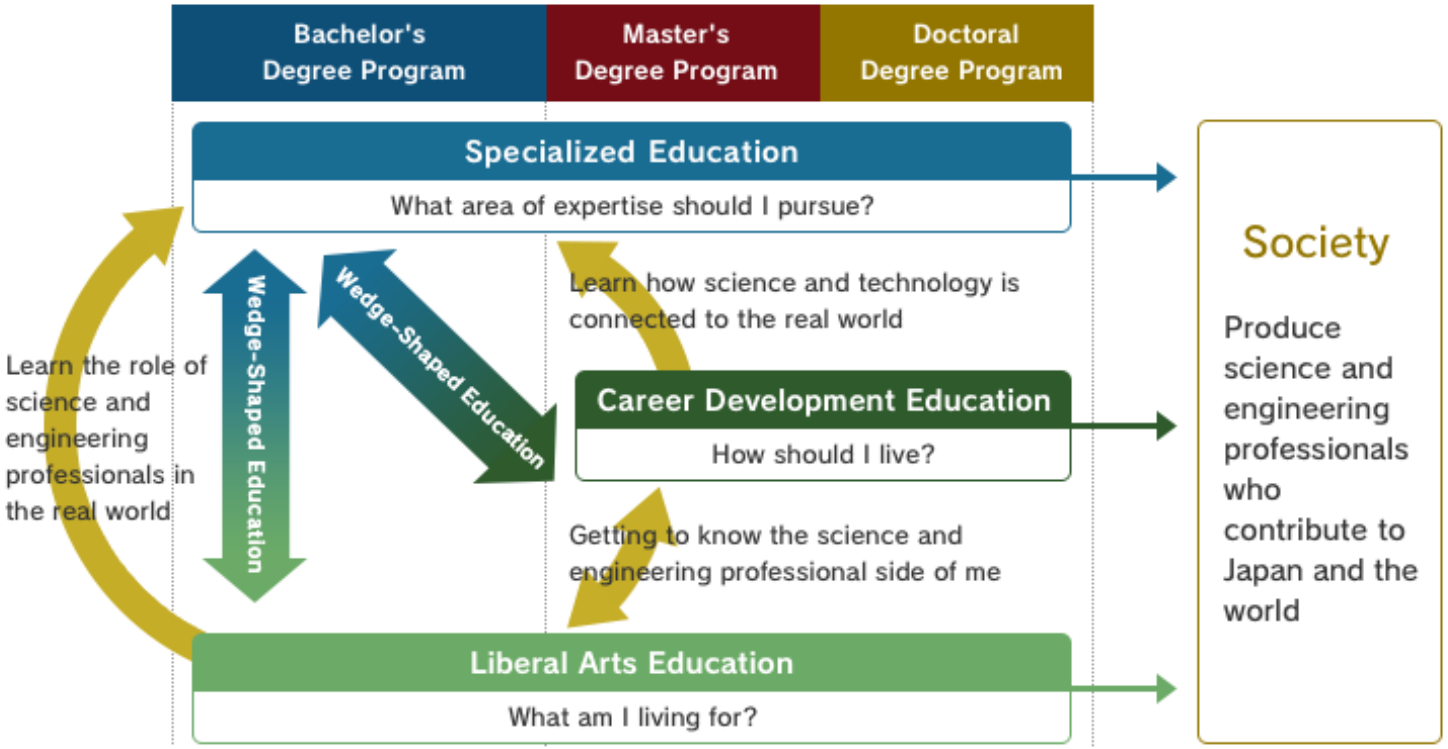
- The standard duration of study is two years for a master's and three years for a doctoral degree program.
- Students may finish early and obtain both master's and doctoral degrees in a minimum of three years.
- Students can choose their durations of study to best accommodate their learning plan and goals.





◆ Unique Education

Students will acquire the competency to contribute to society through the combined effects of specialized education, liberal arts education, and career development education.



◆ Curriculum and Completion Requirements for Master's Degree Program

Master's and professional master's students are affiliated with a school and department. They must select a graduate major and fulfill the requirements thereof to complete a master's degree program.

For details, refer to the Study Guide available via the Institute website.

◆Completion requirements (Check detailed requirements for each graduate major.)

Students must attain 30 course credits or more as specified below, conduct supervised research, and pass the master's thesis review and final examination. Those who are successful will earn a master's or professional master's degree.

Humanities and Social Science Courses	A minimum of 2 credits from the 400-level courses, and 1 from the 500-level
Career Development Courses	A minimum of 2 credits from the 400- and 500-level courses Acquisition of the designated Graduate Attributes (GAs) is required.
Master's Major Courses and other 400- and 500-level courses	A minimum of 18 credits
Research Seminars	4—8 credits The number differs depending on the graduate major.

Note: Completion of the professional master's degree program requires students to have been enrolled in the program for at least 2 years, attained 40 or more credits, and taken courses from other degree programs.

◆Other points to be noted

- Degrees conferred: Master of Science, Master of Engineering, Master of Arts, Master of Management of Technology
- The standard duration of study is 2 years and the maximum duration is 4 years. Students may take leaves of absence for up to 2 cumulative years.
- Students with outstanding research achievements, or with additional credits attained from their previous graduate studies, may be eligible for early completion of the master's program..

◆Curriculum and Completion Requirements for Doctoral Degree Program

Doctoral students are affiliated with a school and department. They must select a graduate major and fulfill the requirements thereof to complete a doctoral degree program.

For details, refer to the Study Guide available via the Institute website.

◆Completion requirements (Check detailed requirements for each graduate major.)
Students must acquire 24 credits or more from 600-level courses as specified below, conduct supervised research, and pass the dissertation review and final examination. Those who are successful will earn a doctoral degree.

Humanities and Social Science Courses	A minimum of 2 credits
Career Development Courses	A minimum of 4 credits Acquisition of the designated Graduate Attributes (GAs) is required.
Doctoral Major Courses and other 600-level courses	6 credits There may be cases in which only credits from Doctoral Major Courses can be counted.
Research Seminars	12 credits Master's students may take 600-level courses under certain circumstances. The credits attained will be counted toward the completion requirements for their doctoral program.

◆Other points to be noted

- Degrees conferred: Doctor of Science, Doctor of Engineering, Doctor of Management of Technology, Doctor of Philosophy
- The standard duration of study is 3 years and the maximum duration is 6 years. Students may take leaves of absence for up to 3 cumulative years, and be enrolled in a doctoral program for up to 9 years.
- Students with outstanding research achievements may be eligible for early completion of the doctoral program. However, a minimum total of a 3-year enrollment is required to get both a master's and a doctoral degree. (The shortest period for obtaining bachelor's, master's, and doctoral degrees is 6 years, i.e., 3 years in an undergraduate program and 3 years in a graduate program.)

◇ Institute for Liberal Arts ／ Liberal Arts Courses

The Institute for Liberal Arts (ILA) helps shape the future of Tokyo Tech students through its education, which combines the specialized science and technology expertise that our six Schools provide.

The ILA aims to develop individuals who understand the challenges of 21st century society and have the social skills to recognize their roles in it, the willingness to dig deep down into themselves, the creativity to take action, tackle problems, and achieve goals, and who aspire to build a better future society.

Fostering the aspirations of Tokyo Tech students

Three Unique Aspects of Liberal Arts Education at Tokyo Tech

1. Vision-oriented and self-directed studies

Students will develop a humane approach and social skills that nurture a vision of how to apply specialized knowledge to realize their aspirations in the real world. They choose courses that match their future goals, proactively designing their own course of study.

2. Key Courses

Key Courses, comprised of seven subjects including the Tokyo Tech Visionary Project and Leadership Workshop, are the pillars of our distinctive liberal arts education and are offered throughout undergraduate and graduate studies.

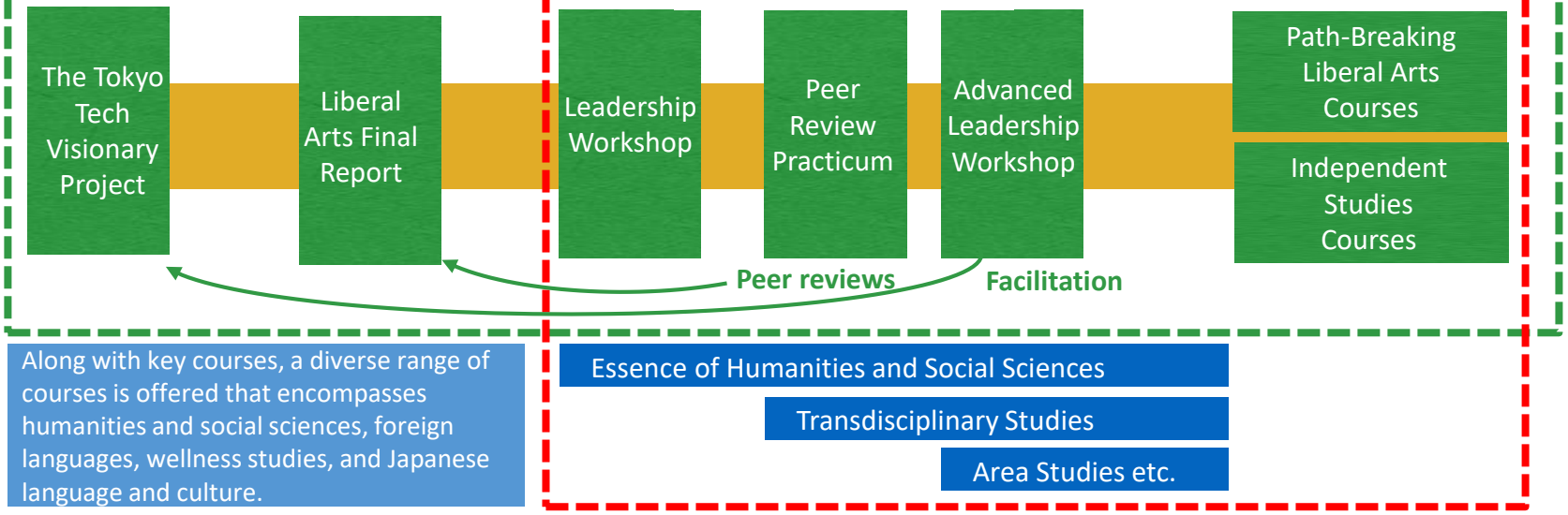
3. Teaching and learning together

We provide numerous opportunities for group work in which students interact with each other, and develop leadership and facilitation skills.

◆ Liberal Arts Education

【Liberal Arts (Humanities and Social Science) Courses for graduate students】

【Key Courses】



Along with key courses, a diverse range of courses is offered that encompasses humanities and social sciences, foreign languages, wellness studies, and Japanese language and culture.

- Essence of Humanities and Social Sciences
- Transdisciplinary Studies
- Area Studies etc.

◆ Key Courses for Master's Students (Institute for Liberal Arts)

Leadership Workshop

Liberal Arts Final Report

Peer Review Practicum

Tokyo Tech Visionary Project

Advanced Leadership Workshop

The Leadership Workshop is a course for the first year of the master's degree program. Students acquire the leadership abilities needed to guide teams toward their goals while putting to use the abilities of fellow students. Among the students who complete the Leadership Workshop, those who fulfill specific requirements will be given the chance to use their newly-acquired skills to assist in bachelor degree programs, thus further extending their learning. They will provide support for those composing their liberal arts final report in the Peer Review Practicum, and facilitate group work on the Tokyo Tech Visionary Project in the Advanced Leadership Workshop.

◆ Institute for Liberal Arts
Liberal Arts Education for Doctoral Students

Students gain wide-ranging expertise not limited to their own field of specialization; the practical skills and creativity to understand, absorb and use research from other fields; and the flexibility and spirit of collaboration to interact with individuals in diverse fields and expand knowledge networks needed to undertake science and technology research at the world's highest levels.

Path-Breaking Liberal Arts Courses

Create opportunities for students to cooperate with researchers in other fields to solve problems and promote exchange of knowledge across all doctoral degree programs, while focusing on cutting-edge interdisciplinary research.

Method:
- Students participate in lectures, group work (involving problem-solving tasks, producing and presenting posters), and presentations.
- Through producing poster presentations, students deepen their understanding of research ethics.

Independent Studies Courses

The process of organizing and running a mini symposium creates opportunities for students to engage in cutting-edge interdisciplinary research, and promotes exchange of knowledge across all doctoral degree programs.

Method:
- Students decide the overall theme of the Path-Breaking Liberal Arts Courses, identify experts in the field, and arrange their lectures.
- Students discuss and implement the management and public relations aspects of a mini symposium.

Build the skills to communicate with students in other fields of specialization and international students on campus

Acquire leadership, interdisciplinary competence, and information dissemination skills

Build an awareness of one's role in society

◆ Liberal Arts (Humanities and Social Science) Courses for Master's Students

Humanities and Social Science Course numbers begin with “LAH.”

There are Key Courses and other courses as described below:

➢ Completion requirements

Students must attain at least two credits from 400-level courses and one credit from 500-level courses to complete their master's degree program.

The total of three credits/courses (one credit per course) may come from any combination of Key Courses and other liberal arts courses.

Students are recommended to acquire two credits from 400-level courses before taking 500-level courses.

➢ Key Courses

400-level courses: Leadership Workshop (4Q in 2020*)

400-level courses: Peer Review Practicum (3Q, 4Q)

500-level courses: Advanced Leadership Workshop (1Q)

To take the Peer Review Practicum and Advanced Leadership Workshop, students must have completed the Leadership Workshop with a score of 80 or above.

➢ Other courses (offered every quarter)

Essence of Humanities and Social Sciences (about politics, literature, etc.)

Transdisciplinary Studies (co-organized by science and engineering and liberal arts instructors)

Area Studies (about culture, religions, etc.)

There may be changes due to the COVID-19 pandemic. Please check for updates on the syllabus and the Humanities and Social Science courses website.

◆ Liberal Arts (Humanities and Social Science) Courses for master's students

➢ Pre-registration

Pre-registration is available for Humanities and Social Science courses in the master's degree program, which is intended to help students take their desired courses as much as possible, while each course sets a maximum number of students to register based on the course's characteristics.Pre-registration periods are set twice a year prior to the formal registration period: once before 1Q and 2Q, and another for 3Q and 4Q.

Students who apply for courses they wish to take during the pre-registration period will be notified before the formal registration period whether their places are reserved. These procedures are conducted on the Web System for Students and Faculty on the Tokyo Tech Portal. Once the pre-registration period is closed, courses with many applicants will select students by lottery.

Many courses fill up quickly and registrants are decided by lottery. During course selection, those students who have pre-registered will have priority, so please be sure to pre-register.

Pre-registration period for1Q and2Q:
Monday, April 5th 9:00～Monday, 12th13:00

Please check the orientation materials and the video shown on the next page for details on pre-registration.

address.

*Emails may also be confirmed in "News" at the top page of the Web System for Students and Faculty.

http://bunkei.ila.titech.ac.jp/

◆Orientation about the Liberal arts courses

Orientation for new students enrolling in April 2021 will be provided online. All new master's students must take this session.

Streaming of orientation will start on Thursday, April 1, 2021
Orientation content and materials will focus on:

- Outline of Humanities and Social Science courses
- Pre-registration procedures

http://bunkei.ila.titech.ac.jp/

Pre-registration is recommended for Humanities and Social Science courses in the master's degree program, and skipping this process could result in failing to take your desired courses due to class capacity. Pre-registration for 1Q and 2Q AY2021 is set for April 5 through April 12. Orientation for Humanities and Social Science courses will give detailed explanation on pre-registration. Please make sure to download the orientation materials from the Humanities and Social Science courses website, read through the materials, and view the orientation video before you start the pre-registration procedures.

Wednesday classes of Humanities and Social Science courses will commence on April 21, and the results of pre-registration applications will be announced by that date. As a result, there will be no Humanities and Social Science classes on Wednesday, April 14.

◆ Liberal Arts (Humanities and Social Science) Courses for doctoral students

➢ Completion requirements

Students must attain at least two credits from 600-level courses to complete their doctoral degree program.

➢ “ Independent Studies Courses” and “Path-Breaking Liberal Arts Courses ”

The Path-Breaking Liberal Arts Courses and the Independent Studies Courses (all provided in English, one credit awarded per course) for AY 2021 will be provided in 2Q through 4Q, entirely via Zoom. However, as poster sessions and symposiums cannot be held via Zoom, Independent Studies Courses will not be provided in AY 2021.

Whether you take one “Independent Studies Courses” and one “Path-Breaking Liberal Arts Courses” for two credits, take two “Independent Studies Courses” for two credits, or take two “Path-Breaking Liberal Arts Courses” for two credits is your choice(Note that Independent Studies Courses will not be provided for the time being).

Although a selection of Humanities and Social Science courses are provided each quarter for the doctoral degree program, these courses will be held on the same date at the same time, and each student is able to take only one course per quarter.

In principle, each course is comprised of four sessions (four separate dates), on Saturdays every two weeks (period 1 through 4). Please check the course syllabus and select a quarter in which you will be able to attend all dates. Because these courses focus on group work, authorized absences will not be accepted in principle.

◆ Liberal Arts (Humanities and Social Science) Courses for doctoral students

➢ Course Titles

The course title will list the quarter in which a course is offered, followed by “A” or “B.”
Example:
For Path-Breaking Liberal Arts Courses 2A and Path-Breaking Liberal Arts Courses 2B, the code “2” means the course is held during 2Q. “2A” and “2B” courses have the same content. If you plan to acquire the required two credits by taking Path-Breaking Liberal Arts Courses (or Independent Studies Courses) twice, you must register with Path-Breaking Liberal Arts Courses 2A before taking Path-Breaking Liberal Arts Courses 2B.

➢ Number of students per class

If a course receives applications exceeding its preset capacity, students are selected by lottery based on the registration status on the Web System for Students and Faculty.
The selection process is completed during a set period before the commencement of the course. Make sure to register by the deadline of each course specified in the course syllabus.
Important messages from Tokyo Tech, including results of lottery selections, are sent to your Tokyo Tech email address (ending with @m.titech.ac.jp). Make sure to set up your email account promptly so that you do not miss any messages.

Inquires : Office of Humanities and Social Science Courses
Institute for Liberal Arts　West Bldg. 9, Floor 2, Rm 204
http://bunkei.ila.titech.ac.jp/

◇ Career Development Courses

Innovator and Inventor Development Platform

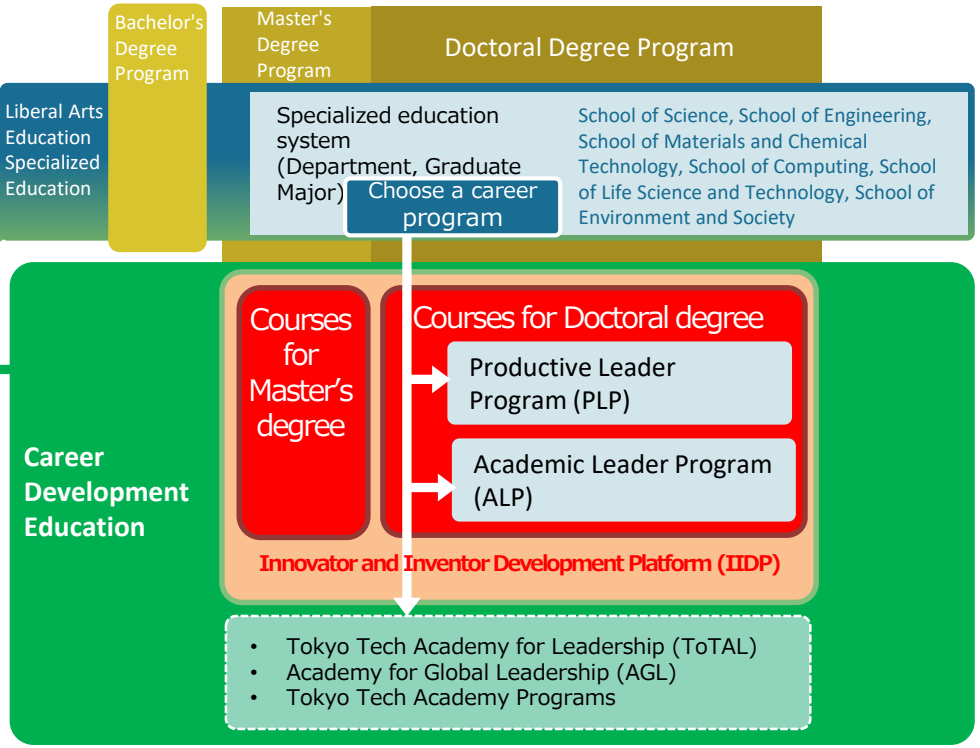
Tokyo Tech

Acquire specialized skills in science and engineering and utilize your expertise to benefit society

Specialized Education
What area of expertise should I pursue?

Liberal Arts Education
What am I living for?

Career Development Education
How should I live?



Students will develop career skills that correspond to their career plans.

In parallel with their specialized education, students will take career programs prepared by the Innovator and Inventor Development Platform as well as those specified by their respective school/department.

【Career development courses】

1. Basics of career designing
2. Career role models
3. Internship and on-the-job training
4. Social rules and ethics
5. Skills improvement such as writing, etc.

【Career programs】

Poster Session (Fusion Project)
Global career fair for international students (Career Talk)
Internship information session
Job interview training in English

Events in cooperation with Tokyo Tech Alumni Association, Kuramae-Kogyokai
Kuramae job fair (K-meet event)
Kuramae job fair for doctoral students (Dr's K-meet)

In AY 2020–2021, about 500 Career Development Courses are offered for graduate students.

◆ Career Development Courses for master's students

➢ Required credits

- Students must attain at least two credits from the Career Development Courses provided by the Innovator and Inventor Development Platform (IIDP) or other equivalent courses specified by their department to fulfill the requirements of the master's degree.
- Each course is assigned either or both of the GAs below (C0M, C1M). Students must fulfill both of the GAs by acquiring two or more credits from Career Development Courses. For example, by taking a course that is assigned both C0M and C1M, the GA requirement will be fulfilled.
- For details about completion requirements, carefully read the study guide for your major.
- Some courses are intended for working adult students. Please consult your academic advisor as necessary if you wish to take such courses.

➢ GAs (Master's degree program)

C0M: You will be able to delineate your career plan clearly and recognize the skills necessary to materialize that plan, taking into account its relation to society

C1M: You will be able to understand academic integrity, utilize your own expertise for the development of academia and technology, and work with others with different expertise to contribute to problem-solving.

➢ Study plan

You should check year-round course schedules when making your study plan. It is highly recommended you attain two credits in two years during your master's degree studies.
There is no specific order for acquiring these GAs.
Design your study plan from a two-year perspective, incorporating courses and research work. You do not have to rush and take many courses at the beginning of your study period.

◆ Career Development Courses for doctoral students

Innovator and Inventor Development Platform

Tokyo Tech

➢ Required credits

- Students will enroll in one of the below-mentioned programs and must attain at least four credits from the Career Development Courses provided by IIDP or other equivalent courses specified by their department to fulfill the requirements of the doctoral degree.
- Those credits must be taken in such a way that students can acquire four Graduate Attributes (GAs) specified for each program.
- If students attain credits from courses corresponding to multiple GAs, they are recognized as satisfying all of those GAs.
- For details about completion requirements, carefully read the study guide for your major.
- Working adults may take the Career Development Courses designed for them after consulting their academic supervisor.

➢ GAs (Master's degree program)

For Students on the Academic Leader Program (ALP) Developing career skills for active roles in academia and education	
A0D	You will be able to precisely define your own career plan and train yourself to acquire the skills required for attaining your goals in academia.
A1D	You will be able to ascertain the true nature of phenomena, master the secret of learning, and lead the vanguard of a new academic discipline or research area.
A2D	You will be able to understand the position of academia in society as well as the notion of responsible conduct of research, and adequately explain academic progress to members of society, who are our stakeholders.
A3D	With the understanding of the social roles and responsibilities of researchers, you will be able to nurture next-generation experts in educational institutions, instilling in them an interest in academia and enabling them to later join in the pioneering of new academic disciplines or research areas.

For Students in the Productive Leader Program (PLP) Developing career skills for active roles in industry	
P0D	You will be able to precisely plot your own career plan and train yourself to acquire the skills required for attaining your goals in industry, etc.
P1D	You will be able to precisely grasp the needs of society and detect its problems, comprehend relevant laws, regulations, or guidelines for responsible conduct of research, and lead future developments in science and technology.
P2D	While leading teams consisting of members with varied specialties and value systems, you will be able to create products and enterprises that bring forth new values in society.
P3D	With the understanding of the social roles and responsibilities of engineers, you will be able to nurture next-generation experts through the project, enabling them to help drive future development of society and industry.

◆ Career Development Courses for doctoral students

iidp Innovator and Inventor Development Platform

Tokyo Tech

➢ Enrollment in the program

- All doctoral students, except for those taking the ToTAL or Tokyo Tech Academy for Convergence of Materials and Informatics program(TAC-MI), Tokyo Tech Academy for Super Smart Society, and Tokyo Tech Academy of Energy and Informatics Program, must select either ALP or PLP and register their choice on the Web System for Students and Faculty by themselves around six months after their enrollment. Detailed information will be provided later.

Academic Leader Program (ALP): Developing career skills for active roles in academia and education

Productive Leader Program (PLP): Developing career skills for active roles in industry

➢ Study plan

It is advisable to take courses corresponding to GA “A0D” or “P0D” in the early period of the 1st year of doctoral studies in order to decide your career direction. These courses include “Doctoral Career Design,” and “Strategies for Balancing Career, Personality and Lifestyle,” “Developing Career Adaptability for Global Competitiveness.” After acquiring “A0D” or “P0D,” take courses corresponding to other GAs.

You will take the ALP Practice or PLP Practice after your enrollment in a program has been accepted. (Do not register for ALP Practice or PLP Practice at the beginning of the 1st year.)

Proposal-writing training courses are offered once a quarter for prospective applicants to the JSPS Research Fellowship for Young Scientists (DC).

Inquires : Innovator and Inventor Development Platform (IIDP)

https://www.titech.ac.jp/enrolled/career/career_education/

※Top page of Tokyo Tech website→Current Students→Career Support Services

→Career Development Program

iidpinfo@jim.titech.ac.jp

An orientation on career development courses targeting newly enrolled graduate students will be held on April 6, 2021 via Zoom.

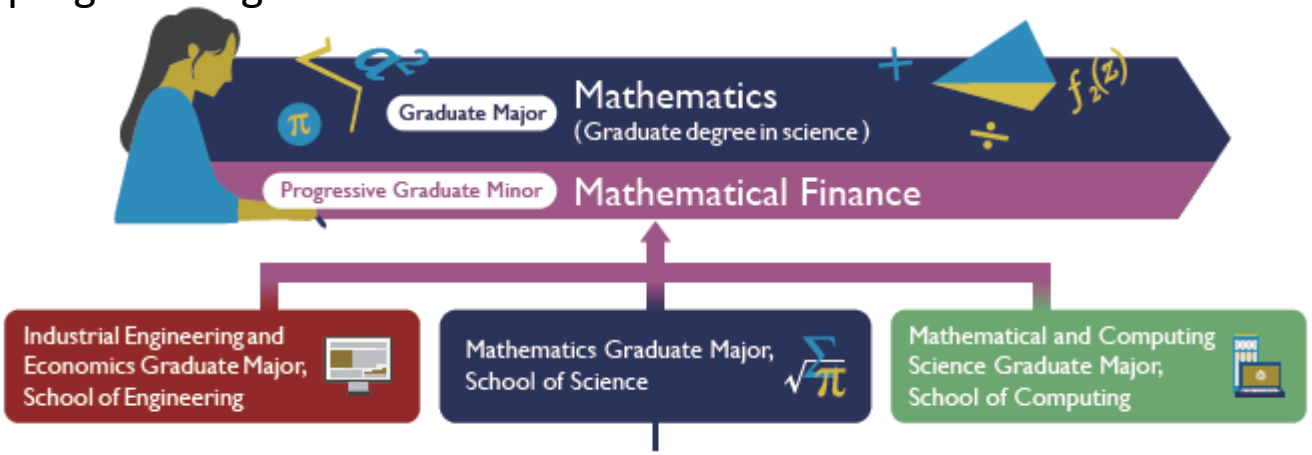
Please visit the above IIDP website for details.

◇ Graduate and Progressive Graduate Minors

By choosing to study either a graduate minor or progressive graduate minor, students can systematically acquire knowledge of an additional discipline on top of their major.

Example of a graduate minor

Example of a progressive graduate minor



For the Mathematical Finance Graduate Major, the Department of Mathematics provides courses specifically designed for Mathematical Finance in addition to courses in Mathematics (i.e., courses for the Mathematics Graduate Major).

◆ Specially offered degree programs for graduate students

1. Tokyo Tech Academy for Leadership (ToTAL) program

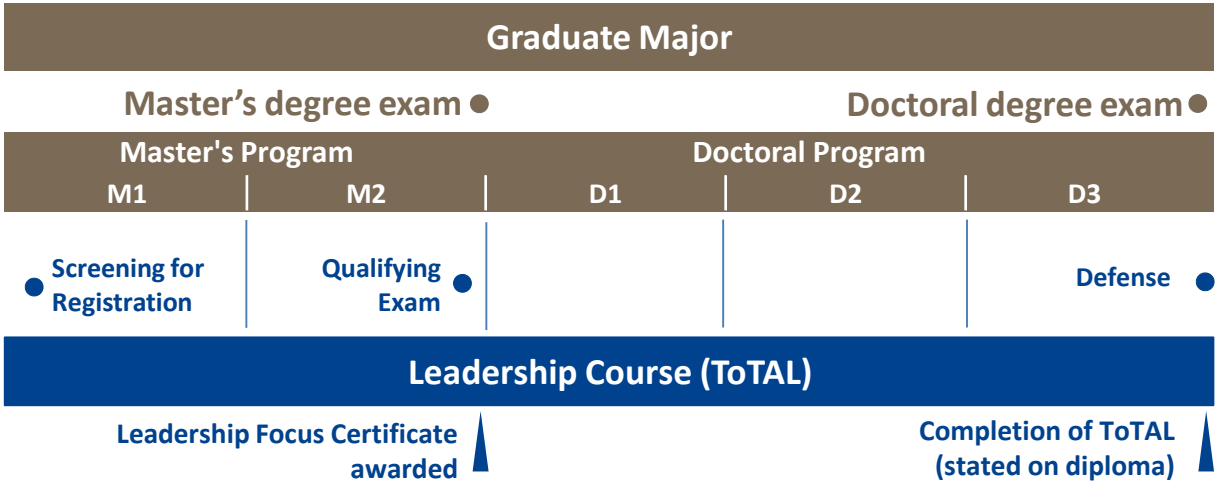
ToTAL
Tokyo Tech Academy for Leadership

Excellence program for leadership development

Everyone has the potential for leadership.

A select group of individuals transcends academic boundaries to synergistically expand horizons and develop world-class leadership skills.

- Gain awareness of yourself in history and the world, and discover motivation from within yourself
- Accept differences between yourself and others, develop mutual respect, and work together for a better society
- Enjoy the creativity in unexpected outcomes by cultivating a spirit of curiosity and sustained endeavor



※Completion of the ToTAL program will be stated on your doctoral degree diploma, if you pass the defense for both ToTAL as well as your doctoral degree program and final exam. If you do not complete your doctoral degree program, completion of the ToTAL program will not be authorized.

◆ Specially offered degree programs for graduate students

Curriculum outline

Apr. 19 (Mon) 6:15pm- (*in Japanese)
Apr. 20 (Tue) 6:15pm- (*in English)
BRIEFING SESSIONS (VIA ZOOM)
*Schedule changes may occur. Please see our website for details.

You may take the ToTAL program during your master's degree program only. In that case, a "Focus Certificate" will be granted if you earn the required credits.

To enroll in the ToTAL program, students must pass the screening test (application review and interview).

By taking the ToTAL's program provided throughout graduate learning, students will gain competencies essential for global leadership in addition to superior expertise acquired in graduate major studies. The program offers courses in the following five subjects, which enable students to systematically proceed with their learning.

	Credits
01 Cultural Skills Foster curiosity beyond your specialty, and polish personal skills to build relationships of trust.	2
02 Recognition of Social Issues Grasp social issues and become aware of how you will use your abilities to work towards solutions.	3
03 Global Communication Master advanced discussion competencies for diverse solutions in the real world.	3
04 Leadership, Followership, and Consensus Building Understand the essence of leadership and followership, and foster consensus–building capability.	4
05 Off-Campus Project Test and improve your specialized knowledge and abilities in society.	4





Tokyo Tech Academy for Leadership (ToTAL)
http://www.total.titech.ac.jp/english/

Students must complete one course out of the Leadership Workshop, Introduction to Leadership, or Global Leadership Practice courses to take the ToTAL qualifying exam.

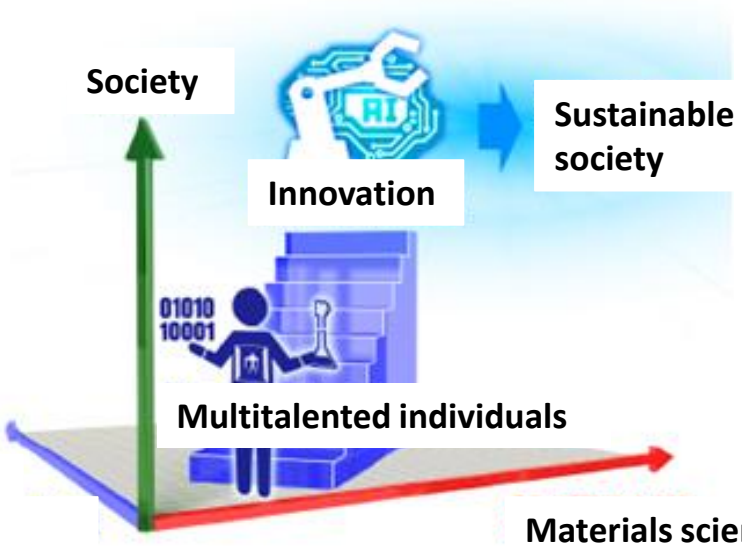
◆ Specially offered degree programs for graduate students

2. Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI) program

①Program objective

The TAC-MI program is a seamless degree program provided throughout graduate learning. It aims to empower students to become multitalented individuals capable of promoting unique, interdisciplinary research in materials and information technology. The program will enable students to connect knowledge in information and material* by using informatics techniques and multifaceted thinking, as well as by taking a broad perspective. We expect our students to take a leading role in a transdisciplinary framework involving materials, information technology, and social services.

*Material in this context is to be understood as “stuff” found in the real world, not only chemical compounds, and material objects, but also device processing.



◆ Specially offered degree programs for graduate students

②Program outline

To help students develop the four attributes (i.e., creativity, broad perspective, practical ability, and global leadership) required to become multitalented individuals, the academy has designed 12 educational modules:

(1) Creativity

i. Exercise-based lectures on materials science and information technology
ii. Interdisciplinary collaborative research projects involving researchers from different fields (Laboratory rotation)
iii. Presentation of a paper based on original research: By discovering and solving a problem requiring interdisciplinary research, students will develop creativity and a multifaceted approach.

(2) Broad perspective

iv. Lectures on innovation in social services (provided as part of the TAC-MI courses)
v. Intelligent Services: a Social Perspective
vi. Industrial mentors from industrial or public sectors:
Students will learn how to sift through vast amounts of information and identify social issues.

(3) Practical ability

vii. Practice school: Participants will work as a team and tackle cutting-edge issues facing companies.
viii. TAC-MI Research Grant in addition to the presentation of a paper based on original research (see iii)

(4) Global leadership

ix. Leadership development program provided by the Tokyo Tech Academy for Leadership among other academies
x. Internship abroad
xi. International forum: Participants engage in collaborative problem-solving.
xii. International mentoring scheme facilitating development of leadership and a global mindset

We also offer the TAC-MI Scholarship and RA that helps TAC-MI students to be financially independent and allows them to concentrate on their studies.

For further information, please visit the TAC-MI website: **https://www.tac-mi.titech.ac.jp/en**

◆ Specially offered degree programs for graduate students

3. WISE for Super Smart Society

[redacted]

超スマート社会卓越教育院
Tokyo Tech Academy for Super Smart Society

[redacted]

SSS Official Channel

https://www.youtube.com/channel/UCB6xyVu1TNB8xPSMt3v9VPQ

◆ Specially offered degree programs for graduate students

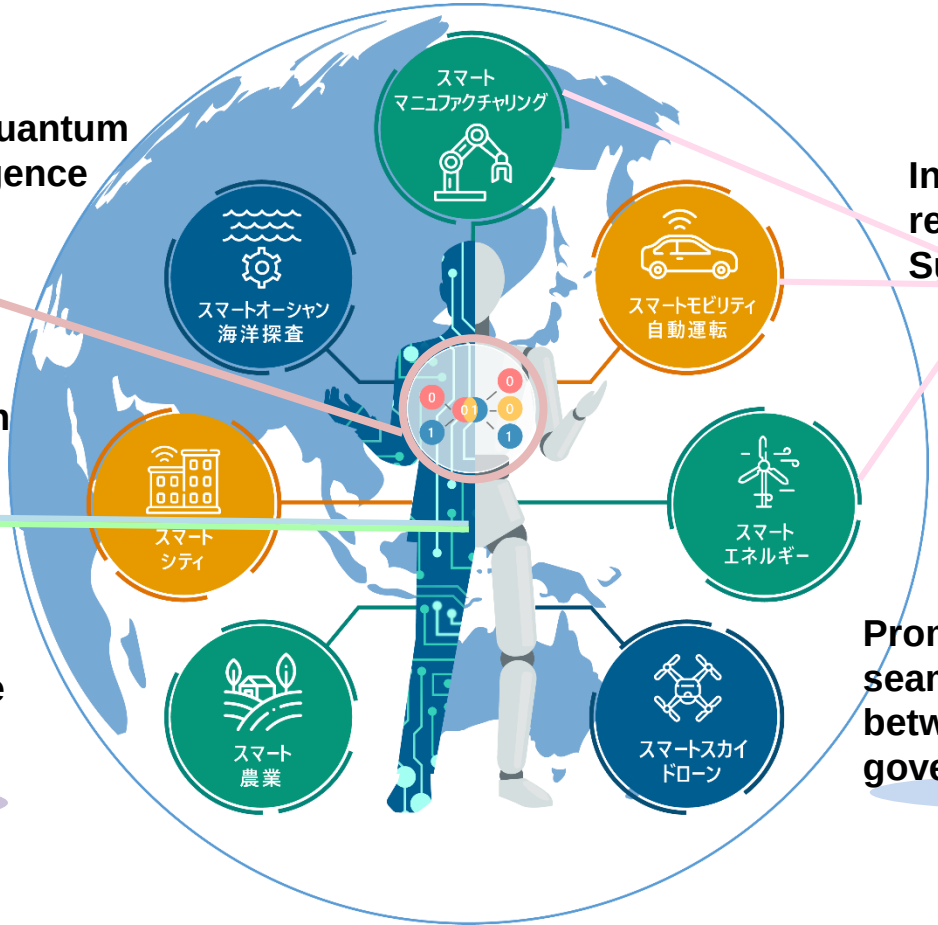
Skill = （Cyber Tech. ＋Physical Tech.）× Quantum Science

Quantum Sensors → 5G/IoT → **Quantum Comp. AI** → 5G/IoT → **City/Society Robots**

Make core skills rooted in quantum science and artificial intelligence available to all academics

Encourage original research spanning the domains of physical and cyber space

Enhance the big picture from quantum science to Super Smart Society

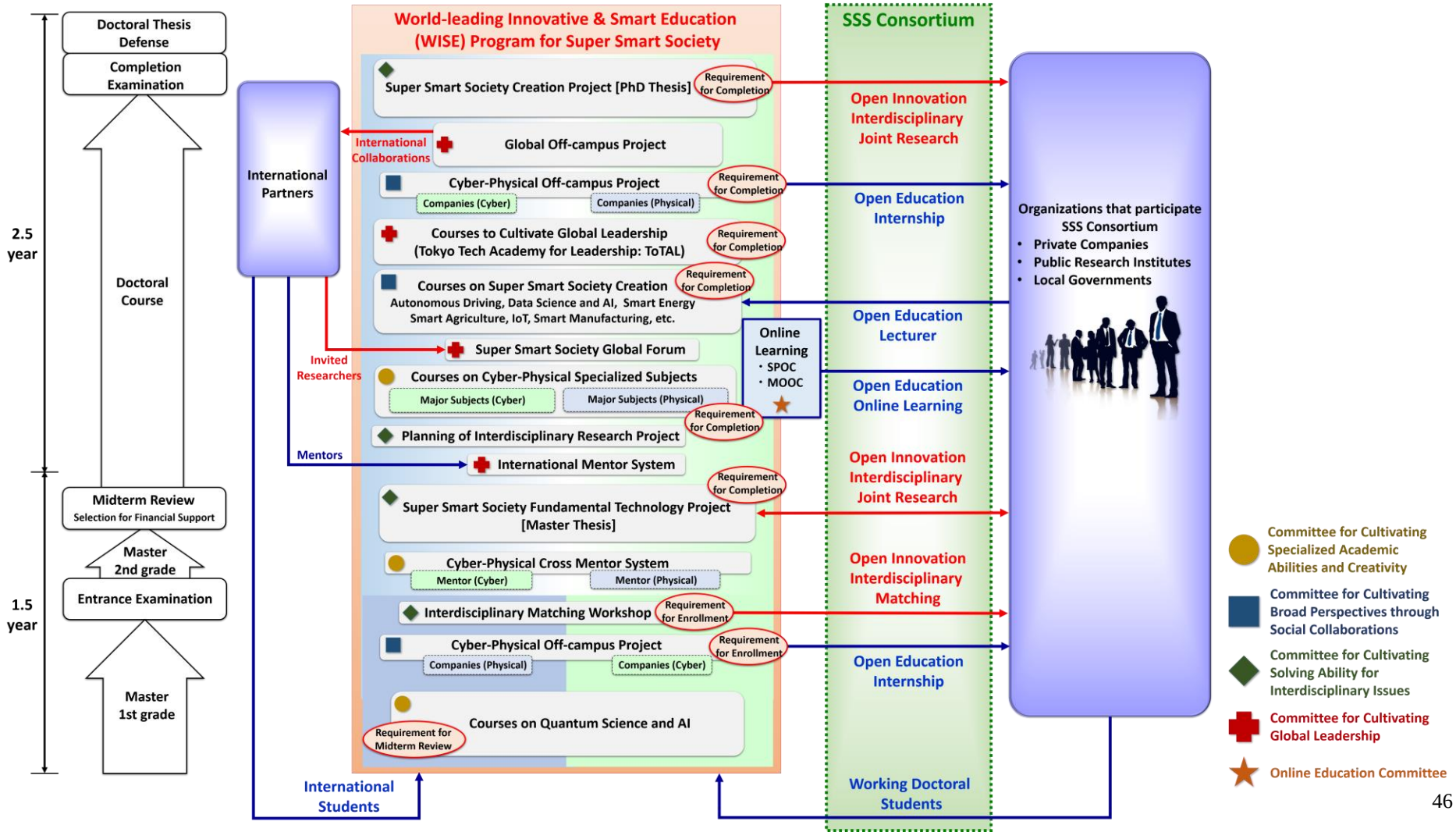


Innovate interdisciplinary research to create Super Smart Society

Promote a talented and seamless leadership between academia, government, and industry

◆ Specially offered degree programs for graduate students

Fusion of Social Collaborative Education (Open Education) and Interdisciplinary Research (Open Innovation) via Super Smart Society Promotion Consortium



◆ Specially offered degree programs for graduate students

- Doctor students recognized as high research ability/potential will be provided a scholarship of upper limit 2 million yen/year as a Research Assistant.

https://www.wise-sss.titech.ac.jp/student-support_en/

—The selection will be made during the mid-term examination

—Students with industrial collaboration partners have higher priority

—Tokyo Tech Tsubame and WISE-SSS scholarships are not exclusive

- Master students recognized as high research ability/potential will be provided a scholarship of upper limit 500 thousand yen/year as a Research Assistant.

—The selection will be made during the course registration

◆ Specially offered degree programs for graduate students

4. Tokyo Tech Academy of Energy and Informatics program

①Program objective

This program is designed to train

“Multi-scope・Energy WISE Professionals”

Lead the transformation into a “human-centered, sustainable energy society” which is free from the restrictions such as energy costs or CO_2 emissions with managing energy smartly by “AI analysis of big data”

Cultivate “3 scopes” by “4 course groups” collaborating with “InfoSyEnergy Reserch and Education Consortium”

4 course groups

<Basic course group>

InfoSy**Energy** Energy Science Courses

InfoSy**Energy** Big Data Science Courses

InfoSy**Energy** Social Design Courses

<Applied course group>

InfoSy**Energy** Practice Courses

3 scopes（Multi-scope）

Big data analysis scope
AI analysis + data science

Social design scope
current situation analysis + future vision

Multi-disciplinary energy science scope
break down and reconstruct the knowledges→ overview the energy science

InfoSyEnergy
Research and Education Consortium

Companies 25 / Public institutions 5 / World's top universities 15 × Tokyo Tech

Promote the integrative researches of “system” and “devices”

Tokyo Tech EEI Building

Various energy devices and elemental technologies of Tokyo Tech

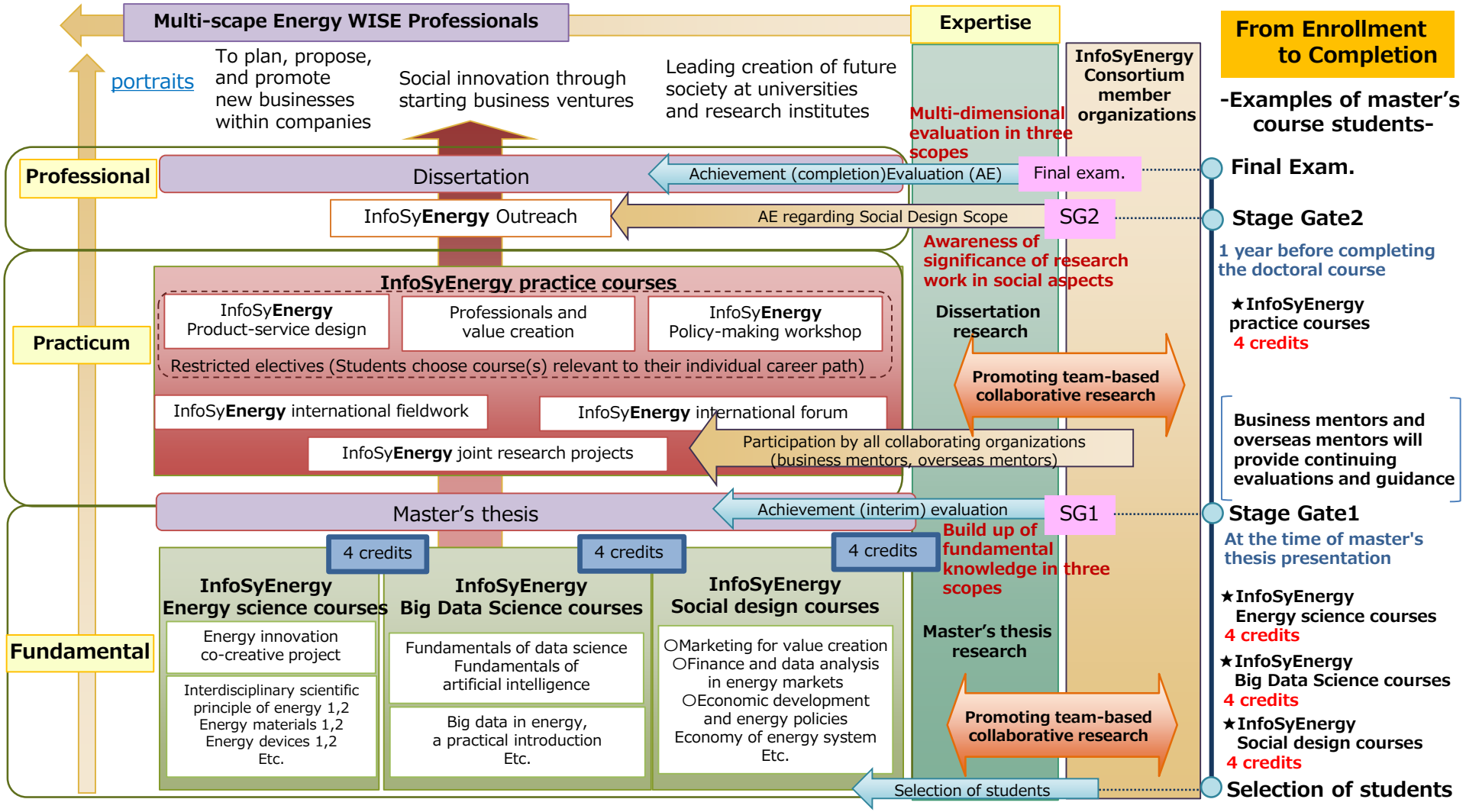
Solid-state batteries　Electrolysis(H_2)/fuel cells　solar cells

Campus system technology developed and demonstrated at Tokyo Tech

Distributed Energy system　Ene-Swallow

◆ Specially offered degree programs for graduate students

②Curriculum



◆ Specially offered degree programs for graduate students

③Support for Enrolled Students

- During the doctoral program, we will provide support up to 2.4 million yen per year to those students who are recognized as having high research ability and potential.

  - The amount of support will be determined by taking into consideration the status of scholarships received, such as MEXT scholarship, Tsubame Scholarship, etc., the status of adoption as a JSPS Postdoctoral Fellow, and the status of receipt of RA expenses from joint research with companies participating in the Consortium and other projects.
  - The amount of support will be decided based on the achievements such as Article Publication, Presentation in International Conferences, Internship, etc., during the doctoral course.

- We will support students' research participation and financial support in joint research with companies promoted by the "Tokyo Tech InfoSyEnergy Research and Education Consortium".

For further information, please visit the following website:

https://www.infosyenergy.titech.ac.jp/Academy/

◆ Specially offered degree programs for graduate students

Briefing sessions

1. Tokyo Tech Academy for Leadership program

ToTAL admits students twice per year, in the spring and fall semesters. For admission from the 2nd quarter of AY2021, attend one of the sessions scheduled on April 19 (Mon) and April 20 (Tue) to gather information on how to enroll in the Academy.

Check the ToTAL website for more information, and send email inquiries to:

Email: total.jim@total.titech.ac.jp

http://www.total.titech.ac.jp/english/

*Schedule changes may occur. Please see ToTAL's website for the latest information.

2. Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI) program

TAC-MI admit students twice per year, for the spring and fall semesters. Briefing sessions for spring enrollment was held online in October, 2020. Attend sessions scheduled for May 2021 for fall enrollment, and gather information on how to enroll in the Academy.

Check the website for more information.

tac-mi@jim.titech.ac.jp

https://www.tac-mi.titech.ac.jp/en

◆ Specially offered degree programs for graduate students

Briefing sessions

3. Tokyo Tech Academy for Super Smart Society (WISE-SSS) program

WISE-SSS admits students twice per year, for the spring and fall semesters. Briefing sessions for spring semester have been held in October and November 2020 . Attend sessions scheduled for May 2021 and gather information on how to enroll in the Academy. Check the website for more information.

wise-sss@jim.titech.ac.jp
https://www.wise-sss.titech.ac.jp/en

4. Tokyo Tech Academy of Energy and Informatics program

Tokyo Tech Academy of Energy and Informatics admit students once per year, for the spring semester. Student recruitment starts in the fall, and the decisions on who will be accepted into the program are rendered on the basis of poster-based presentations in the “energy innovation co-creative project” of the Graduate Major in Energy Science and Engineering in 3Q, basically.

In addition, the briefing session this year is scheduled to be held immediately after the start of 1Q and 3Q.If you are interested, please check the website below and contact the following inquiries.

https://www.infosyenergy.titech.ac.jp/Academy/
E-mail : management_office@infosyenergy.titech.ac.jp

◇ Career Development Advice

- You will soon have to start developing a career plan as well as a study plan. The job-hunting season in Japan coincides with the final stages of completing your thesis. It's important to make your plan ahead of time and follow it accordingly.

One of the keys to successful job hunting

- ✓ Society expects Tokyo Tech graduates to have the abilities to conduct research and learn. Work hard and prepare yourself to meet these expectations of society.
- ✓ You will be asked about what you have learned from extracurricular activities as well as your studies.
- ✓ Find out how to gain an additional set of skills on top of your expertise. You may do so by actively communicating with your fellow students, offering support to other students in your laboratory, managing academic societies, etc.

◆ Career Development Advice

➢ Career Development Courses and internships

- If you are planning to do an internship, you are encouraged to take Career Development Courses in your 1st year of the master's program. This will help you think objectively about your future career and goals. Thus, you will be able to have a clear idea about which company or organization to choose for your internship.
- By participating in an internship during the summer break or the spring break of your 1st year, you will be able to make the most of your time.
- While internship experience can help you gain a broader perspective, you will need to suspend your research during the internship period. Plan your internship in such a way as to avoid delaying the progress of your master's thesis research.
- Priority should be given to acquiring science and technology expertise and knowledge through research experience, which Tokyo Tech graduates are expected to demonstrate in society. Don't be distracted by false claims that internships are mandatory for getting a job.

◆ Career Paths for Tokyo Tech Graduate Students

Tokyo Tech

Universities
Clerical work
Various types of professions

Postdocs → Assistant professor → Associate professor → Professor
Research and education

Research organizations
Independent administrative institutions, etc.

Postdocs
Research
Clerical work, various types of professions

Private companies

- Manufacturing industry
  Electrical machinery, cars, machinery, ferrous and other metals, chemicals and petroleum, precision devices, electronic components, food products, pharmaceuticals, etc.
- Construction
- Electricity, gas and water
- Transport
- Telecommunications
- Consulting
- Finance and insurance
- Mass media
- Trading
- Other

Technical occupations
Research, development design, production technology, production control, quality control, manufacturing, technical sales, intellectual property patents, etc.

General occupations
Sales, marketing, product planning, human resources, accounting and finance, public relations, corporate planning, general affairs, legal affairs, etc.

Occupations
Programmer, systems engineer, network engineer, strategic consultant, IT consultant, actuary, analyst, trader, data scientist, journalist, science and technology journalist, patent attorney, think-tank researcher

Government organizations — National government employee (managerial, clerical, or specialized occupations, etc.)

Local governments — Local government employee (administrative, technical, etc.)

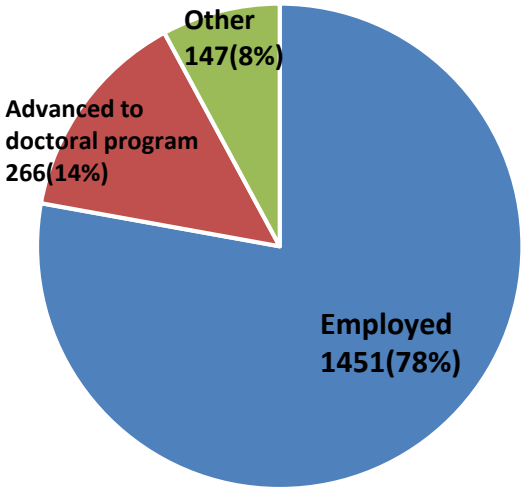
Public service or NPO employee, or international civil servant

Junior high schools, senior high schools, and technical colleges — Teacher

Bachelor's degree
Master's degree
Doctoral degree

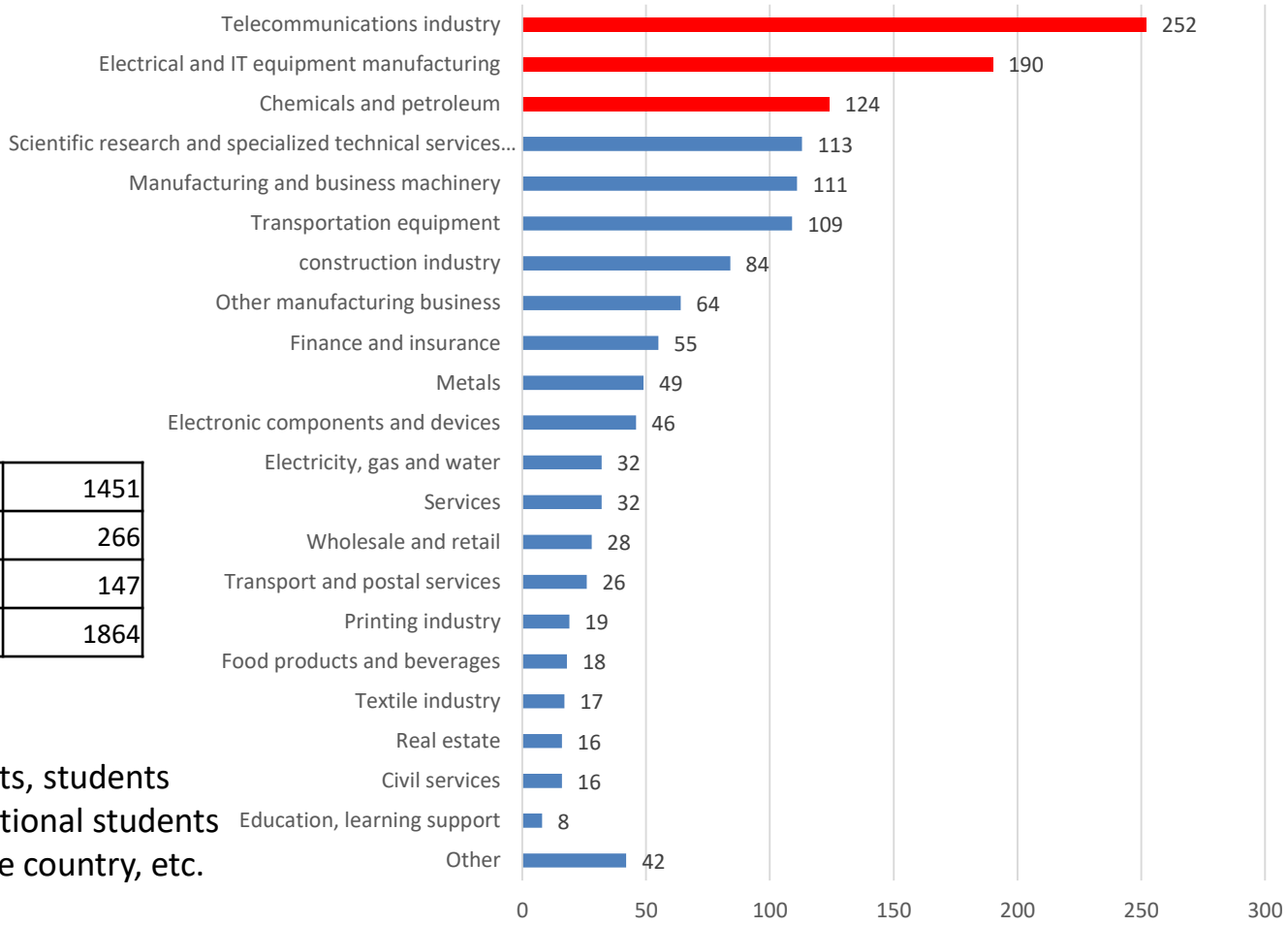
◆ Career Paths of Master's Degree Holders

Source: Student Support Division survey (2019 data)



Employed	1451
Advanced to doctoral programs	266
Other	147
total	1864

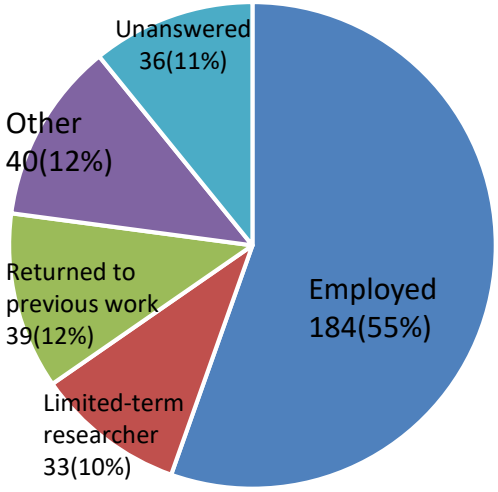
Other: Includes research students, students studying abroad, international students who return to their home country, etc.



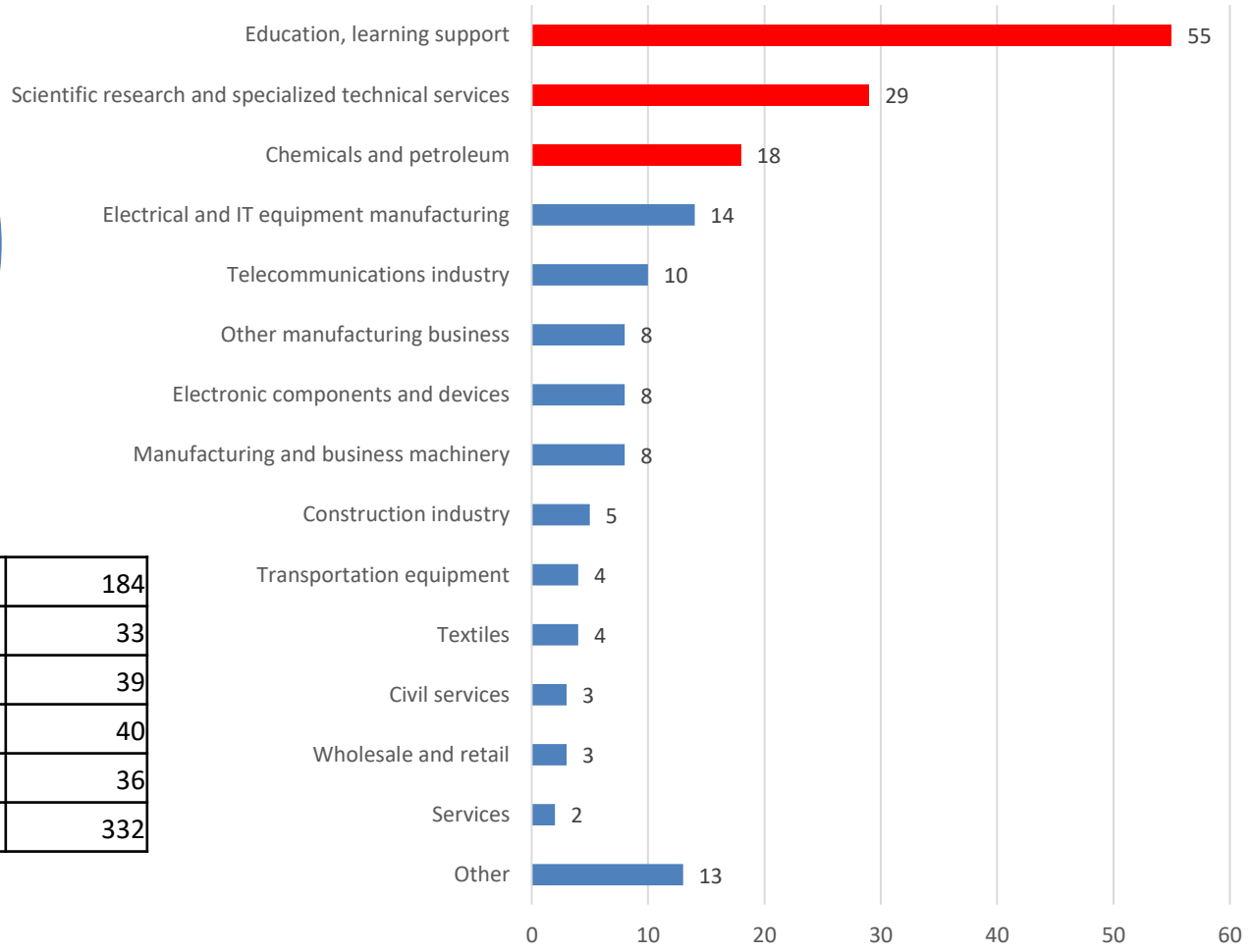
Eighty percent employment rate. Students also advance to doctoral programs. Tendency to find employment where one's specialization is put to use

◆ Career Paths of Doctoral Degree Holders

Source: Student Support Division survey (2019 data)



Employed	184
Limited-term researcher(PD)	33
Returned to previous work	39
Other	40
Unanswered	36
Total	332



Other: planning to start a career, Non-regular staff, etc.

Doctoral degree holders tend to put their specializations to work in education (at universities and such) and in scientific research and specialized technical services. Among manufacturers, industries related to chemicals have plenty of jobs to offer.

◆Major employers（By number of people）

Source: Student Support Division survey (2019 data)

＜Master’s＞	(# of ppl)	＜Doctor’s＞	(# of ppl)
Canon Inc.	29	Universities in Japan	20
Sony	29	Universities overseas	17
Panasonic	29	Tokyo Tech	17
Nomura Research Institute	25	AIST	5
Softbank Group	22	Mitsubishi Chemical	4
Toyota	22	Sony	3
Asahi Kasei	18	Japan Atomic Energy Agency	3
Nissan Motor Corporation	18	Hitachi	3
Hitachi	17	Asahi Kasei	2
Honda Motor	17	Samsung	2
Mitsubishi Chemical	15	Shimizu Corporation	2
Micron Memory Japan	13	Sumitomo Chemical	2
Murata Manufacturing	13	Chugai Pharmaceutical	2
Rakuten	13	Nippon Telegraph and Telephone	2
IBM Japan	12	Central Research Institute of Electric Power Industry	2
Fujitsu	12	3M Japan	2
NTT Data	11	Google	1
Tokyo Electric Power Company Holdings	11	Keyence Corporation	1
NS Solutions	11	Ericsson Japan	1
Furukawa Electric	11	Fujifilm	1
Mitsubishi Heavy Industies	11	Mitsui Chemicals	1
Mitsubishi Electric	11	Honda Motor	1
Nippon Steel	10	Nikon Corporation	1
Sumitomo Mitsui Banking Corporation	10	KIOXIA Corporation	1

◆ Job-Hunting Assistance for Doctoral Students

- **Job-hunting assistance is offered to doctoral students in their departments or via career advisors, just as it is for undergraduate and master's students. In addition, career development courses offered by the Innovator and Inventor Development Platform (IIDP) provide doctoral students with diverse ways to build networks with companies.**
- **Around 80 companies visit the campus every year for the Dr's K-meet , which provides Tokyo Tech doctoral students with employment assistance (AY 2020 sessions were held via Zoom).**
  - Students can collect employment information specific to doctoral degree holders and communicate directly at this one of Japan's largest career fairs for doctoral students.
  - Students can provide companies with details about their research through fusion projects involving poster presentations
- **There have also been many examples of links to employment through long-term internships of the Productive Leader Program (PLP) Practice.**
- **In PLP Advanced Practice—a collaborative program with the Japan Business Foundation (Keidanren)—corporate personnel will be invited as instructors to formulate a realistic career plan.**

The basic activity guidelines are no different from those of undergraduate and master's students, and the key to success is specialization, which is Tokyo Tech's forte.

Demonstrating solid research skills, a high degree of specialization, and the communication skills to convey information thereof, in line with the expectations of doctoral degree holders. Put our robust connections with companies to work by participating in career development courses, events and other opportunities.

- **Career counseling at the Career Advisor Room (many different consultation cases)**
  https://www.titech.ac.jp/english/enrolled/career/counseling.html

The Dr's K-meet is held on campus every December.
(More than 80 companies will be attending)

Eligibility to participate limited to doctoral and postdoc students

Participating companies in the 2019 fair
Sony Corporation; Japan Tobacco Inc.; Asahi Kasei Corporation; Keysight Technologies, Inc.; MITSUI & CO., LTD.; Central Research Institute of Electric Power Industry; 3M Japan Ltd.; Nippon Telegraph and Telephone Corporation (NTT); JFE Steel Corporation; TDK Corporation; Western Digital Corporation; DENSO Corporation; Mitsubishi Electric Corporation; Konica Minolta, Inc.; FUJIFILM Corporation; TOSHIBA CORPORATION; Panasonic Corporation; AGC Inc.; PARAMOUNT BED CO., LTD.; Micron Memory Japan, G.K.; Renesas Electronics Corporation; Mitsui Chemicals, Inc.; Sumitomo Chemical Company, Limited; Toray Industries, Inc.; Teijin Limited; Tokyu Construction Co., Ltd.; TOKIO MARINE & NICHIDO RISK CONSULTING CO.,LTD.; Hitachi, Ltd.; NS Solutions Corporation; Seiko Epson Corporation, Shimizu Corporation, etc.

Held simultaneously

Fusion projects—students provide poster presentations to companies to promote their individual research

Presentations at individual booths

There may be changes due to the COVID-19 pandemic. Please check for updates as necessary.

◆ Top Universities Whose Graduates Are Hired by Distinguished Companies March 2020 Graduates

The 400 biggest and best-known companies employ graduates from the following universities(2019 graduates)

Daigaku Tsushin, Inc. Kyoiku Shingaku Sogo Kenkyujyo survey

Rank	Operation	Name	Location	2020	2019	2018
1	National	Tokyo Institute of Technology	Tokyo	54.4	57.4	57.1
2	National	Hitotsubashi University	Tokyo	52.4	55.0	54.9
3	Public	Akita International University	Akita	42.9	44.5	44.0
4	National	The University of Electro Communications	Tokyo	39.5	37.9	35.9
5	National	Nagoya Institute of Technology	Aichi	38.7	39.4	40.3
6	Private	Tokyo University of Science	Tokyo	38.0	38.9	36.8
7	National	Kyushu Institute of Technology	Fukuoka	37.4	36.4	33.8
8	Private	Toyota Technological Institute	Alchi	37.3	33.3	40.5
9	Private	Waseda University	Tokyo	34.7	36.7	37.2
10	National	Osaka University	Osaka	34.3	35.6	35.8

Note: Number of graduates = bachelor's + master's degree holders

First of all, what do companies expect of Tokyo Tech graduates?

Tokyo Tech students will be outstanding job candidates.

- **High degree of specialization and strong basic science skills**
- **Personnel who excel at experimentation, analysis, simulations, programming, etc.**
- **People who are hard workers, eager to do research, take pride in creating, and have the potential to be leaders**

(From interviews career advisors conducted with corporate human resource personnel)

Students apply themselves wholeheartedly to their daily studies and research required for their graduate program rather than to early job-hunting efforts. This contributes to their strong ability to finding employment.

◆ Career Assistance for Graduate Students

Career counseling

- ☐ One-on-one discussions with faculty members acting as job-placement advisors or academic supervisors in each department or major
- ☐ One-on-one discussions with four full-time career advisors
- ☐ One-on-one discussions with Kuramae advisors from Tokyo Tech Alumni Association

Main events related to career assistance (TBD) (Will be held on Zoom or face-to-face)

○ January	**Job and career seminars** Alumni give presentations about their corporate careers and work duties
○ January and February	**Entry sheet and interview strategy lectures (serial sessions)**
○ March	**K-meet event (information-sharing event for employment in cooperation with the Tokyo Tech Alumni Association)** Some 400 companies will participate in briefing and communication sessions for Tokyo Tech.
○ May	**Internships seminar** A guidance session on what is internship and how you can make the most of it
○ June	**Double-checking job hunting efforts, lectures I** A lecture to provide immediate advice for students who have not obtained a job offer (naitei)
○ July	**Career-planning seminars** Briefings are provided on job hunting as well as all types of career paths, including moving on to higher education or becoming a government employee
○ November	**Career support seminar for international students** International students are briefed about the standard job-hunting schedule in Japan and ways of approaching job hunting here
○ December	**Dr's K-meet** Briefing sessions by companies for Doctoral degree students and postdocs.

Due to the influence of the new coronavirus, the schedule and contents may change.
Please check the latest information.

◇ Advancing to a Doctoral Degree Program

Advancing from a master's program at Tokyo Tech

※Schedule for Internal Students Applying to a Doctoral Degree Program
https://www.titech.ac.jp/enrolled/procedures/applying.html

Exam fee: None　　Enrollment fee: None

Schedule for April enrollment

Early November: Internal Application Form will become available at
Graduate Services Group, Student Division, Ookayama Campus
Suzukakedai Student Group, Student Division, Suzukakedai Campus

Early December: Internal Application Form submission deadline

December–February: Advancement assessments
Assessment methods and criteria differ according to the major.
Note: Foreign language proficiency tests may also differ. Refer to each major's study guide for details.

Mid-March: Decision reached on successful applicants

◇ Financial Support ／ JSPS

1. Teaching and research assistantships

http://www.jinjika.jim.titech.ac.jp/syoku/index.html

A Research Assistant (RA) is a student employed to assist with research work (e.g., experiments).
A Teaching Assistant (TA) is a student employed to assist with education or coursework (e.g., class preparation and support).
Note: RAs and TAs can receive hourly wages from Tokyo Tech. However, there is a maximum number of working hours.

2. Deferred payment of or exemptions from admission and tuition fees

https://www.titech.ac.jp/enrolled/tuition/exemptions.html

Program	Admission fee	Tuition fee per semester	Tuition fee per year
Master's degree program Doctoral degree program	282,000 yen	317,700 yen	635,400 yen

Admission fee: Students may apply for an exemption for half the admission fee amount or deferment of the payment, if either of the following conditions is met.
1. Those recognized as excelling at their studies but who are in financial difficulty and cannot make payments. (There are no admission fees for advancing to a doctoral degree program from a master's program at Tokyo Tech.)
2. Students who have difficulty making payments due to the loss, one year before or after enrollment, of the financial supporters who were expected to pay for their university education; or students or their financial supporters who became victims of a natural disaster one year before or after enrollment.

Tuition fee: Students may apply for an exemption from all or half of the tuition fee or deferment of the payment. To be eligible, students must meet one of the conditions listed above.

Please see the homepage for details.

◆ Financial Support

3. Scholarships

(1) Japan Student Services Organization (JASSO) scholarships loans

https://www.titech.ac.jp/enrolled/tuition/jasso/

JASSO is the largest source of academic loans in Japan. About 20% of Tokyo Tech students take advantage of the program, which is open to students who are Japanese nationals and some foreign students, such as long-term residents. Category 1 loans are interest-free, while Category 2 loans charge interest.

Category		Loan amounts
Category 1 interest-free	Master's program	Choose from ¥50,000 or ¥88,000
	Doctoral program	Choose from ¥80,000 or ¥122,000
Category 2 interest-bearing		Choose from ¥50,000, ¥80,000, ¥100,000, ¥130,000 or ¥150,000

(2) Privately funded scholarships for international students

https://www.titech.ac.jp/enrolled/tuition/scholarships/

More scholarships are available from private foundations and other organizations.

◆ Financial Support

3. Scholarships

(3) Privately funded scholarships for international students

https://www.titech.ac.jp/enrolled/tuition/scholarships/

There are scholarships funded by private foundations.

(4) Tokyo Tech Fund scholarships—Akira Aoki Memorial scholarship

https://www.titech.ac.jp/enrolled/tuition/giving_scholarships.html

Available to first-year master's students (as of April)
Note: Income conditions apply
Number of students scheduled for selection: 3
Scholarship amount: ¥50,000 per month

(5) Tokyo Tech Fund scholarships—Hidetoshi Kusama Memorial scholarship

https://www.titech.ac.jp/enrolled/tuition/giving_scholarships.html

Available to first-year doctoral students (as of April)
Note: Income conditions apply
Number of students scheduled for selection: 2
Scholarship amount: ¥60,000 per month

(6) Tokyo Tech Tsubame Scholarship for Doctoral Students

https://www.titech.ac.jp/enrolled/tuition/tsubame_scholarship.html

Available to first-year doctoral students (as of 2020)
Note: Eligibility restrictions apply
Scholarship amount: ¥40,000 per month (first-year doctoral students)

◆ Japan Society for the Promotion of Science (JSPS) Research Fellowship for Young Scientists

Program overview

The JSPS Research Fellowship for Young Scientists (DC) is a program to appoint doctoral students who possess outstanding research skills and wish to dedicate themselves to research at a university or other research organization as research fellows. It includes a ¥200,000 monthly research stipend.
Fellows are also eligible to apply for Grants-in-Aid for Scientific Research (KAKENHI) for JSPS fellows. They can, in principle, receive around ¥1 million in annual research funds, by submitting their research plans following appointment.
The acceptance rate for the program is around 20 to 25 percent (21.9 percent in 2019).

Eligibility: Students enrolled in doctoral degree programs (includes those who plan to be) as of April 1 of the year of appointment are eligible to apply.
Application period: From around March to June of the year before that of appointment
Note: Applications for fellowship appointments beginning on April 1, 2022 will open in March 2021.

◆ JSPS Research Fellowship for Young Scientists

Fellowship categories

DC1

DC2

There are two fellowship categories—DC1, which is for students who plan to enroll in a doctoral degree program at the time of application, and DC2, which is for students already enrolled in a doctoral degree program. As such, most students applying for DC1 are in the second year of their master's degree program.
Note: This may not apply depending on the time of enrollment.

The following points are the main differences between DC1 and DC2:

Fellowship categories: As described above
Type of screening: Screening depends on application eligibility (DC1 or DC2)
Appointment period: Three years for DC1, two years for DC2

<u>There is no difference in research stipend amounts.</u>

◆ Research Stipends and Grant-in-Aid for JSPS Research Fellows (DC)

Tokyo Tech

Research stipends

Research stipends that JSPS Research Fellows can receive are similar to a monthly salary. DC1 and DC2 fellows can use a stipend of ¥200,000 per month at their discretion.

Grant-in-Aid for JSPS Research Fellows

DC1 and DC2 are eligible to apply for Grants-in-Aid for Scientific Research (KAKENHI) for JSPS fellows. They can receive around ¥1 million in research expenses per academic year during their fellowships.
These funds can only be used to conduct research because subsidies are for research purposes. Everyone chosen as a JSPS Research Fellow can receive this, but the benefit amounts are determined via screening the research plan documents submitted with the application.

If a student is selected as a JSPS Research Fellow (DC), he/she receives ¥200,000 per month in funds that can be used freely, as well as around ¥1,000,000 per year for research expenses. As a rule, receiving other remuneration or funding assistance is not permitted. Rules such as DCs not being allowed to engage in some part-time jobs must be followed. Therefore, students must first check compliance rules and follow necessary procedures before becoming a DC. Receiving payment from work as RAs or TAs or other such benefits is possible in some cases. Scholarships that include government funding, such as the Japan Student Services Organization, National Scholarships, and Tokyo Tech Tsubame Scholarship, cannot be received.

◆ Career Paths of JSPS Research Fellows (DC)

Career paths after the DC fellowship position

Survey results of post-fellowship career are available on the JSPS website.

https://www.jsps.go.jp/english/e-pd/index.html

JSPS survey excerpted results (as of April 1, 2020)
According to a survey taken five years after JSPS DC fellowships had ended, 72.2 percent of the respondents were engaged in full-time research work and are playing a central role in training and securing Japanese researchers.

◆ Application Schedule for JSPS Research Fellowship (DC)

Applications will next be taken for 2022 academic year fellowships.
The schedule below follows that of previous years since no new application guidelines have been released.

March 2021	**JSPS releases application guidelines**
Early April 2021	**JSPS begins accepting applications through its e-application system**
June 1, 2021	**Deadline for applications**

A two-step screening process is done in which there is a first selection (based on documents) and second selection (based on the interview).

October 2021	**First selection results come out** (those informally accepted and exempt from the interview, those who will be interviewed, and those not accepted)
January 2022	**Second selection results come out** (those informally accepted, those wait-listed, and those not accepted)
February 2022	**Waiting list results announced**
April 1, 2022	**Fellowships begin**

Tokyo Tech holds an annual briefing for applicants in early March. This year, we plan to hold the briefing sessions via Zoom. However, it may change depending on COVID-19 circumstances. In any case, please check the information on the webpage from time to time in the following slide or emails sent from j-fellow@jim.titech.ac.jp.

◆ Related Links

Tokyo Tech JSPS Research Fellowship for Young Scientists

http://www.rpd.titech.ac.jp/jsps_tokken/english/

JSPS Research Fellowship for Young Scientists

https://www.jsps.go.jp/english/e-pd/index.html

Administration Bureau Building 3

Inquiries

Research Fund Promotion Group, Research Fund Support Division, Research Promotion Department, Tokyo Institute of Technology

Office: Administration Bureau Bldg. 3, Floor 2

Go straight from the main gate toward the 7-Eleven on Ookayama campus. This building is on your left next to the Inspection (*kensyu*) Center.

Email: j-fellow@jim.titech.ac.jp

Tel: 03-5734-3806 (extensions 3806 and 7221)

Tokyo Tech

◆ Study Abroad Information Center

At the Study Abroad Information Center (located on the B1 level of Taki Plaza,) students can view materials regarding studying abroad. You can also check the information about the scholarships and program applications.

➢ Study abroad support services include providing information and advice to students considering studying abroad.

Staff members are engaged in study abroad programs and will give you necessary support based on their extensive overseas experience. They are ready to answer questions such as:

- How can I get started studying abroad?
- How can I choose the program that best suits my career from the various options?

➢ Make an appointment

You can choose the type of session; face-to-face, Zoom, or email consultation.
Make an appointment for a session or receive consultation via the webpage of the Study Abroad Information Center of the Tokyo Tech website.
(Depending on COVID-19 circumstances, all sessions may require advance reservation.)

Study Abroad Fair

東工大 留学フェア

Information on studying abroad is gathered at this event held in spring every year.
This is an opportunity to talk directly with the person in charge of the study abroad program and people who have study abroad experience.
Details of the event in 2021, such as whether or not to hold the event online, are being discussed.
Please check the latest information using this QR code.

◆ Learning foreign languages

➢ Language-learning support service http://www.fl.ila.titech.ac.jp/advisory.html

You can ask for advice on how to improve language skills to prepare for study abroad, to get a higher evaluation in foreign language courses, or to achieve other objectives related to language learning. Services are available in English, German, French, Chinese, Russian, and Spanish. Open Monday through Thursday (Please check the website for opening hours.)

Location: West Bldg. 3, Floor 4, Rm 405

Full-time faculty members of the Foreign Languages Section of the Institute for Liberal Arts are waiting for your visit.

➢ Open English Office Hours http://www.fl.ila.titech.ac.jp/office.html

Open English Office Hours is a chance to meet one-on-one or in small groups with a specialist in English education from the U.S. or the U.K.

The English instructor will assist you with your personal English-language needs.

You may use the Office Hours to improve your listening and speaking skills (appointment not necessary).

Location: West Bldg. 3, Floor 9, Rm 911

Opening hours: 15:05-16:35 on Mondays and Thursdays

➢ Language-learning library http://www.fl.ila.titech.ac.jp/resource.html

The library provides access to a range of materials for language learning (English, German, French, Chinese, Russian, Spanish, etc.).

Location: West Bldg. 3, Floor 7, Rm 701

Opening hours: 12:50–15:00 , Mondays through Thursdays

Students may borrow up to two books at a time for a period of two weeks.

Due to the influence of the new coronavirus, the schedule and contents may change. Please check the latest information.

◇ Japanese courses ／ Nihongo Space

➢ Japanese courses for International Graduate Students

Japanese Language and Culture Courses are basically designed for international graduate/doctoral students, providing programs designated to build up Japanese communication skills and cultural understandings. The Japanese Language and Culture Courses can be recognized as equivalent to Humanities and Social Science Courses, corresponding to 400, 500, and 600 level courses. Credits are given upon successful completion of the courses.

➢ Nihongo Space

Open every Wednesday and Thursday (12:30-14:00) online, offering you an opportunity to brush up your Japanese skills. When it becomes possible to have in-person events, the events will be held at the International Student Lounge of West No. 1 Bldg . on Ookayama campus.

※ For further information, please visit the following website:

http://js.ila.titech.ac.jp/~web/japanese.html

Due to the influence of the new coronavirus, the schedule and contents may change. Please check the latest information.

◇ Institute Libraries ／ Library for Humanities

◆ Institute Libraries

- When starting in-depth research at Tokyo Tech, graduate students are encouraged to visit the library website to effectively utilize the vast amount of resources there. It is also an opportunity for those who have graduated from Tokyo Tech to revisit and reuse the familiar facility. Services that can be used at home.
  https://www.libra.titech.ac.jp/

- The Suzukakedai Annex of the Library (S3 Bldg.) is temporarily located on the first floor of R3 Annex D in room 103 on Suzukakedai campus due to renovations, and is open as usual. The renovated annex is scheduled to be opened in July 2021.
  https://www.libra.titech.ac.jp/renovation

- If you have any questions regarding finding documents or other matters, please send an email to the address below.
  ask@libra.titech.ac.jp

◆ Institute Libraries

➢ Services that can be used at home

We have compiled a list of library services that can be used from off-campus. Please use it when conducting research activities at home.

https://www.libra.titech.ac.jp/remote

➢ Lectures & Seminars

We will hold various seminars for students including article-writing and how to use databases.
*Reservations are necessary. Details will be announced on the library website.
We also provide services in which library personnel visit classes and labs to provide explanations about the basics of document searches and how to use the database.
Please consult us if you wish to participate in these seminars online .

https://www.libra.titech.ac.jp/lidance

◆ Library for Humanities

(The name may change in April 2021.)

- The library's collection of around 15,000 volumes includes invaluable books and materials related to the humanities, works by Institute for Liberal Arts faculty, recent novels, and dictionaries. Except for certain materials, these can be viewed in the library or borrowed.
- The library boasts a collection of around 500 DVDs and Blu-ray versions of classic films of various genres from Japan and overseas, which can also be viewed in the library or borrowed in some cases.
- Soft drinks can be brought in, and internet (campus wireless LAN) is available. We encourage you to use the library to increase your knowledge and aid your studies.
- Location: West Bldg. 9 (E), Floor 1, Rm 114
  (The former HUB-ICS was located in this room.)
- Hours of operation: 10:00–13:30 and 14:30–17:15, Mondays, Wednesdays, and Fridays, excluding national holidays and year-end/New Year holidays
  (These are subject to change. For details, see the webpage.)

URL : http://libra.ila.titech.ac.jp Twitter : @TokyoTechILALib

◇Massive Open Online Courses (MOOCs)

- MOOCs are open to anyone with internet access. Over 16,300 courses are offered by more than 950 universities around the world.

- There are courses provided in English (with English subtitles).

- Tokyo Tech offers access to 10 MOOCs, including Professor Emeritus Yoshinori Ohsumi's MOOC. We have student teaching assistants (TAs) involved in MOOC development.

For details, visit the Online Education Development website

http://www.oedo.citl.titech.ac.jp/

◇ Things to do in the first 10 days after enrollment

- Attend the orientation session for your major.
- Thoroughly read the Study Guide (available on the website).

  Understand the requirements of your degree program and design your study plan, noting when to register for major courses and common courses. Consult your academic supervisor to design a study plan in line with your research plan.

  https://www.titech.ac.jp/english/enrolled/life/resources/
- Find courses you are interested in. Make plans to attend the first lecture of courses for which you are intending to register.

  Check course content in the syllabus on OCW.

  http://www.ocw.titech.ac.jp/
- Search for graduate minors and progressive graduate minors

  Check registration procedures and completion requirements for those courses in the Study Guide (chapters VI and VII)

  https://www.titech.ac.jp/english/enrolled/life/resources/

◆ Things to do in the first 10 days after enrollment

➢ Set your goals

Design a study plan that suits your needs and leads you to future academic or business goals. You must have clear objectives such as promoting your research, completing courses, doing an internship, or studying abroad.
You may seek in-depth advice from career advisors (appointments are required for one-to-one consultations).
http://www.titech.ac.jp/enrolled/career/counseling.html

➢ Gather information on and consider the best ways of studying abroad.

Sign up for the international exchange email newsletter by sending us an email to the address below with 'Subscribe to Newsletter' in the subject line and including your name, student ID number, and affiliation: ryugaku.info@jim.titech.ac.jp
When planning to study abroad, visit the Study Abroad Information Center or read brochures such as the Guide to Study Abroad for Tokyo Tech Students, and gather sufficient information.
http://www.titech.ac.jp/enrolled/abroad/abroad_concierge.html

➢ Participate in My Study Abroad

Listen to older students talk about their extended overseas studies experiences, and create a study abroad plan that suits you.
The event is held a few times a year during periods when class is in session.
https://www.titech.ac.jp/enrolled/abroad/events/list.html

Due to the influence of the new coronavirus, the schedule and contents may change. Please check the latest information.

◇ Student Support System

One-on-one academic consultation and guidance by faculty members to bolster students' progress

Drop-in advice sessions offered by faculty or Teaching Assistants (TAs)

Facilitating mutual learning – TAs and Graduate Student Assistants fellow gain professional development while assisting students' progress

Supporting the physical and mental well-being of students to help them make the most of their university life

Student Support Center

Student Success Support Section

- Introducing incoming students to academic life through orientation sessions and support services
- Student Life Coaches
- Supporting student-led initiatives and projects (e.g.、Student Survey、peer support services)
- Student Initiative Support
- Providing support and guidance for career development and job hunting
- Career Advisors
- Enhancing international exchanges as well as supporting international students
- Student Global Exchange Promotion

Student Guidance and Accessibility Section

- Counselling offered by current and former faculty on any topic or issue of concern to students
- Student Guidance Room and Telephone Consultation Services
- Coordinating support and services for students with challenges to enhance their educational experience
- Student Accessibility Services

- Academic Advisors
- Study Advice Sessions、 TAs、 and Tutors
- Center for Innovative Teaching and Learning
- Health Support Center

●Improving and optimizing the learning environment: Learning portfolio system、Tokyo Tech OCW/OCW-i/T2SCHOLA、MOOC (SPOC)、libraries、active learning classrooms、Tokyo Tech Lecture Theatre、etc.

◇ Alumni associations also offer student support services

http://www.kuramae.ne.jp/

➢ Kuramae-Kogyokai

- Supporting student-led exchange activities
  Involving Tokyo Tech students in the publication of alumni journals (Kuramae Journals).
- Providing seminars on career development at the Ookayama and Suzukakedai Campuses
- Raising money for the Tokyo Tech Fund and to support students
- Providing career development support (Kuramae advisors)
- Student Life Coaches

➢ Department alumni, etc.

- There are 18 department alumni associations in addition to those belonging to laboratories and student clubs, providing student support.

◇ Tokyo Tech Bulletin email newsletter

The Tokyo Tech Bulletin is an email newsletter introducing Tokyo Tech's research, education, and student activities.

https://www.titech.ac.jp/english/about/overview/publications/

◇ FAQ

1. When you need advice but are reluctant to consult your academic supervisor or fellow laboratory members, consider visiting any of the following:

- ◆ Academic Advisor : Students are assigned one academic supervisor and one academic advisor.
- ◆ Heads of Graduate Studies
- ◆ Student Guidance Room : Faculty members appointed as advisors provide counseling and support.
- ◆ Health Support Center : Students may receive counseling from a physician, counselor, nurse, or pharmacist.
- ◆ Student Life Coaches (a “one-stop” student support service) : You do not need to discuss one specific issue.
- ◆ Career Advisors : Advisors help students prepare for their careers and provide information on job hunting, pursuing higher studies, studying abroad, etc.
- ◆ Kuramae advisors (members of the alumni association, Kuramae Kogyokai) : Students can seek information and advice about companies or career sectors where they can take advantage of their expertise, as well as career options including research and development jobs. Appointments should be made during consultation with a Career Advisor.

2. Things to remember when you are interested in learning and attaining credits or certificates from courses of a discipline other than your major:

- ◆ Thoroughly read the Study Guide for your major. Refer to the “major courses and research-related courses outside the standard curriculum of graduate majors” in the table of completion requirements.
- ◆ Take graduate minors or progressive graduate minors.
- ◆ Register for courses provided by the special graduate degree programs (Tokyo Tech Academy for Leadership (ToTAL), Tokyo Tech Academy for Convergence of Materials and Informatics Group (TAC-MI Group), WISE program for SSS Group, Tokyo Tech Academy of Energy and Informatics Group, etc.).

◆ FAQ

3. Things to remember when you are looking for extracurricular activities to gain experience that will appeal to prospective employers:
   - ◆ Join events or activities at your laboratory. Cooperate with other students to keep your laboratory tidy, organize academic meetings or social gatherings, assist newcomers, etc.
   - ◆ Apply to be a Teaching Assistant (TA).
     In many cases, TAs are appointed by academic supervisors or instructors.
   - ◆ Participate in the development of online courses and classes (e.g., MOOCs).
   - ◆ Actively connect with your fellow students.

4. Things to remember to develop your leadership skills by taking courses:
   - ◆ Take Key Courses of Liberal Arts education and participate in the Graduate Student Assistant Program.
   - ◆ Register for courses provided by the Special graduate degree programs.

5. Things to remember when planning an internship:
   - ◆ Thoroughly read the Study Guide for your major. Taking Internship Courses may be required to complete your graduate major. Attend the briefing session for your major and ask if there are Internship Courses.
   - ◆ Check bulletin boards for information on internship programs.
     There may be internship programs offered for designated majors.
   - ◆ Participate in the Internships seminar in May.
   - ◆ If you wish to do an internship independently, collect sufficient information from the websites of career networks or companies that you are interested in. (Your internship plan should be scheduled in such a way as to avoid delaying your master's thesis research.)

◆ FAQ

◆ Visit the Career Information Room to find internship programs provided by companies. Information will be also available by using an online job posting system ‘キャリタスUC (Kyaritasu UC),’ which is accessible from the Institute website.
→ https://www.titech.ac.jp/enrolled/career/jobs_search.html

◆ For research internship opportunities (mid- to long-term industry-academia exchanges), an online matching system (https://www.c-engine.org/) is available for use. IIDP faculty will also provide assistance as necessary.

◆ Ask your academic supervisor if there are chances for off-campus research. Some laboratories may provide students with opportunities to promote their thesis research at companies or research institutions as a part of collaborative research.

◆ Check internship programs offered by Special graduate degree programs.

◆ Be sure to consult your academic supervisor before applying to any internship program. You must create organized schedules to keep your research work on track.

6. Where to begin a job search:

◆ Consult a Career Advisor (appointments are required).

◆ Search for employment information at the Career Information Room. There are useful articles, statistics, and success stories from Tokyo Tech graduates.

7. Advancing to a doctoral program:

◆ Ask your academic supervisor or family for advice. Consult with faculty members or doctoral students.

◆ Visit the Graduate Services Group at Ookayama Campus or the Student Group at Suzukakedai Campus.

Two-year general timeline for a master's program

(This is made based on a schedule in fiscal year 2020. Check the Institute website for the exact schedule.)

M1										
Apr.	May.	Jun.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
・Entrance ceremonies ・Course registration for 1Q and 2Q	・Internships seminar	・Quarter-end exams and makeup classes for 1Q ・Career-planning seminar	・Quarter-end exams and makeup classes for 2Q ・Studying abroad (short term) ・Internship at a company	・Course registration for 3Q and 4Q	・Career support seminars	・Quarter-end exams and makeup classes for 3Q ・Career support seminars for international students	・Dr's K-meet	・Quarter-end exams and makeup classes for 4Q	・Job-hunting seminar ・Internship at a company	・K-meet (job fair organized by Kuramae-Kogyokai) ・Job-hunting season opens

M2										
Apr.	May	Jun.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
・Course registration for 1Q and 2Q		・Quarter-end exams and makeup classes for 1Q ・Companies start employment screening process ・Double-checking job hunting efforts, lectures I	・Quarter-end exams and makeup classes for 2Q	・Course registration for 3Q and 4Q	・Job offers	・Quarter-end exams and makeup classes for 3Q	・Submission of master's degree applications ・Submission of doctoral program application by current M2 students	・Quarter-end exams and makeup classes for 4Q	・Thesis presentations, review, and final examinations ・Advancement assessments of doctoral program applicants by current M2 students	・Notification for successful doctoral program applicants by current M2 students ・Graduation ceremonies

Due to the influence of the new coronavirus, the schedule and contents may change. Please check the latest information.

Ookayama Campus Map

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.
＊Due to the rebuilring, it may not be available from May 2020.

Refer to the list of classrooms that can be used as study rooms after lectures.
⇒ For the latest information please check "Place to Study on Campus".
https://www.titech.ac.jp/english/enrolled/facilities/study_room.html

1st floor, South Bldg. 4 Seven Eleven (eat-in)
Monday through Friday 7:00–23:00
(Excluding Saturday, Sundays and holidays. The store may be closed when classes are out of session.)
＊Shown above is the store hour of Seven Eleven. So the opening hour of the eat-in space may be different.

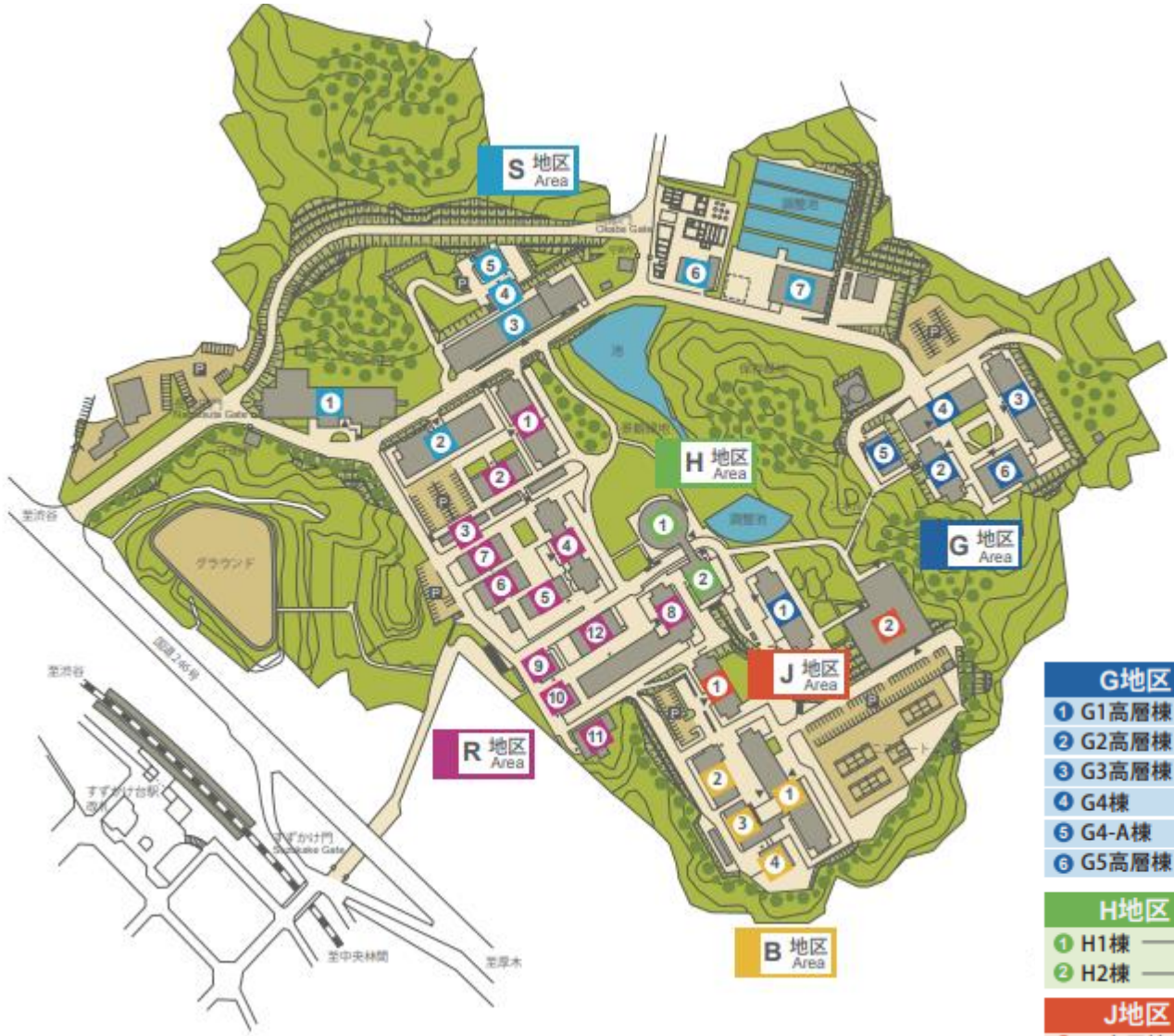
Hisao&Hiroko Taki Plaza
＜During Semester＞
Monday through Friday 8:30—21:00
Saturday, sunday and holiday
9:00—20:00
＜Summer, winter, and spring break＞
Monday through Friday 8:30—21:00
Saturday 11:00—17:00
Sunday and holiday Closed

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.)
※Food & Drinks allowed/No reservations required. Reservations are required in order to use the premises for things like special ＊
Due to the temporal relocation of university coop, the use of the Learning and Information commons is suspended from February 1st, 2021.

＊There may be changes due to the COVID-19 pandemic. Please check for updates as necessary.

※Opening hours and rules of use vary between facilities. Also, please understand there may be times when use for things like

Suzukakedai Campus



B地区 B-Area	
❶ B1・B2高層棟	16,103m²
❷ B1・B2-A棟	2,753m²
❸ B1・B2-B棟	1,622m²
❹ B1・B2-C棟	980m²

S地区 S-Area	
❶ S1棟	6,000m²
❷ S2高層棟	7,687m²
❸ S3棟	4,697m²
❹ S4棟	613m²
❺ S5棟	440m²
❻ S6棟	593m²
❼ S7棟	1,672m²

R地区 R-Area	
❶ R1高層棟	8,180m²
❷ R1-A棟	1,395m²
❸ R1-B棟	216m²
❹ R2高層棟	8,582m²
❺ R2-A棟	656m²
❻ R2-B棟	1,001m²
❼ R2-C棟	711m²
❽ R3本棟	4,865m²
❾ R3-A棟	200m²
❿ R3-B棟	225m²
⓫ R3-C棟	844m²
⓬ R3-D棟	1,500m²

G地区 G-Area	
❶ G1高層棟	9,571m²
❷ G2高層棟	7,665m²
❸ G3高層棟	11,669m²
❹ G4棟	1,865m²
❺ G4-A棟	494m²
❻ G5高層棟	6,720m²

H地区 H-Area	
❶ H1棟	3,191m²
❷ H2棟	

J地区 J-Area	
❶ J1高層棟	6,277m²
❷ J2・J3高層棟	29,272m²

棟番号案内 Introductory Guide	
生命理工学研究科	B1-2
総合理工学研究科	G1-5
すずかけホール	H1-2
資源化学研究所	R1
精密工学研究所	R2
像情報工学研究施設	R2
応用セラミックス研究所	R3
事務部	J1 J2
総合研究館	S1
フロンティア研究センター	S2
附属図書館	S3