AY 2023 Fall
Orientation for Incoming Graduate Students
Commencing in September 2023

Student Success Support Section, Student Support Center

✉ concierge.info@jim.titech.ac.jp

Student Life Coaches Website

https://www.titech.ac.jp/english/student-support/students/counseling/concierge

Contents

1) Student Life Coaches

Help new students successfully adjust to the academic environment.

- We offer support to help students with their studies at Tokyo Tech by providing consultation, guidance, seminars, etc.
- Please come to us if you have any problems or questions regarding campus life or how to take courses or make study plans. Support is available in English.

◇How to consult us

- **Face-to-face consultation:** Please come to the Student Life Coaches service desk at Taki Plaza or the Suzukakedai Library. For details, see the following two slides.
- **Consultation via Email or Zoom:** Please send your name, student ID number, affiliated School, department, or graduate major, and topics for consultation by email to the address below. If you wish to have a consultation on Zoom, please let us know the time and date that suits your schedule by email. We will arrange a mutually convenient time and date.

✉ Contact (Student Life Coaches):concierge.info@jim.titech.ac.jp

For more information, please visit the Student Life Coaches webpage.
https://www.titech.ac.jp/english/student-support/students/counseling/concierge
※Student Life Coaches are affiliated with the Student Success Support Section of the Student Support Center.

[Ookayama Campus]
Student Life Coaches Service Desk in Taki Plaza

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

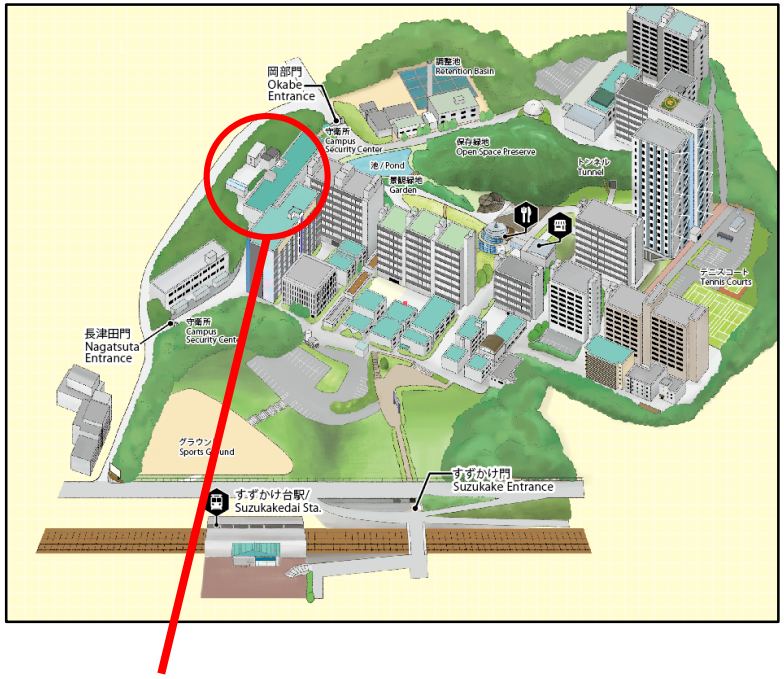
Place：Taki Plaza B1 Floor
Student Support Center

Open： Monday-Friday/9:15 -17:15

★Visit the Student Support Center to ask for consultation with a Student Life Coach.

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

[Suzukakedai Campus] Student Life Coaches Service Desk in Suzukakedai Library



Suzukakedai Library

Place：Suzukakedai Library, 1st Floor
（Located in the back, on the far-right side of the first floor）

Office Hours：9:30-16:30, excluding 11:15-12:15(2 days a week).
★Please visit the Student Life Coach website or check the bulletin board postings at the Library for details.

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

2) First Things to Check

☐ Graduate School Study Guide 2023

The Guide contains general information common to graduate schools and details of each graduate major. It also includes information regarding Tokyo Tech's distinguished academies and education programs including ones beside your designated degree programs. Thoroughly read the Guide and design your own study.

https://www.titech.ac.jp/guide/guide_2023/English_F/

☐ Orientations for New Graduate Students

Mark orientation sessions for majors and courses (including Career Development Courses) in your calendars as they provide important information for planning your graduate studies.

3) Get Connected Online

☐ Tokyo Tech email address (@m.titech.ac.jp)

- Each Tokyo Tech member is assigned a designated Tokyo Tech email address. Use this address for correspondence with Tokyo Tech during your enrollment as a student.
- Check your Tokyo Tech email inbox regularly. Important notices, including those related to lectures and course registration, will be sent there.
- Read the detailed user guide at the following link. You can change the settings to automatically forward Tokyo Tech email messages to another email address. We recommend you to make use of this automatic forwarding feature.

  https://portal.titech.ac.jp/new-en/ezguide/webmail.html

- If you want to use email softwares (Ex. Outlook, macOS app, etc.) follow the instructions described in the following link.

  https://portal.titech.ac.jp/new-en/ezguide/mailsetup.html

☐ Campus Wireless LAN

- Before using the Tokyo Tech campus wireless LAN, read the usage guidelines and make the necessary settings.
  https://www.noc.titech.ac.jp/doc/handout202304_en.pdf

☐ Tokyo Tech Software Licensing Service

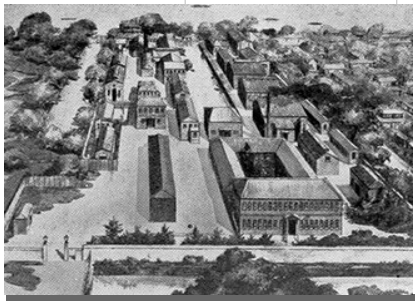
- Many site-licensed software programs, including Microsoft Office, etc. are available for the Tokyo Tech community under a blanket license. Please read the usage information carefully before using this service.
  http://www.officesoft.gsic.titech.ac.jp/en_index.shtml

4) 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

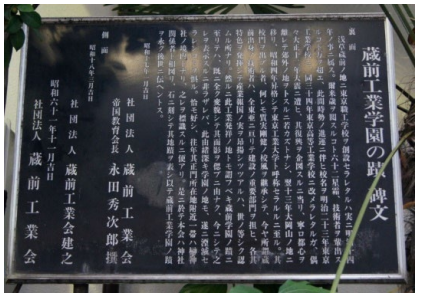
1882 Kuramae Campus opened

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.

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

September 1, 1923

Kuramae Campus buildings were destroyed by the Great Kanto Earthquake.

April 1924

The school was relocated to Ookayama.

● 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 1926.

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

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.

Temperature-insensitive quartz oscillation plates

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

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

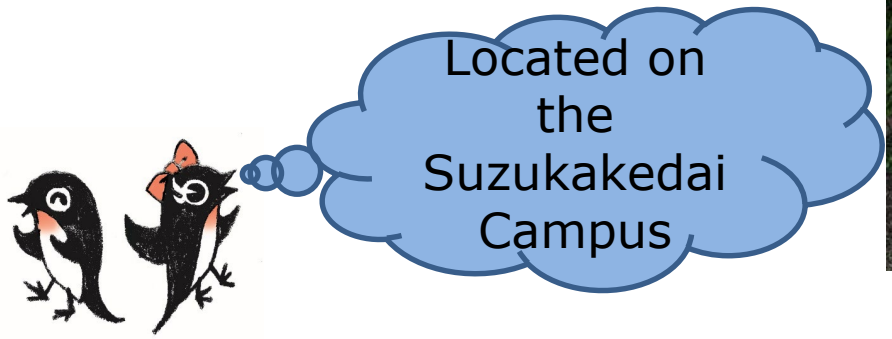
T. Hoshino and T. Sato succeeded in the vitamin's synthesis and manufacture in 1951.

Gears

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

- **Nobel Prize in Physiology or Medicine 2016**
  Honorary Professor Yoshinori Ohsumi

- **IEEE Milestone Plaque**
  Professor Emeritus
  Issaku Koga



5) Education of Tokyo Tech

- **Education Reform to Cultivate Talent**

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

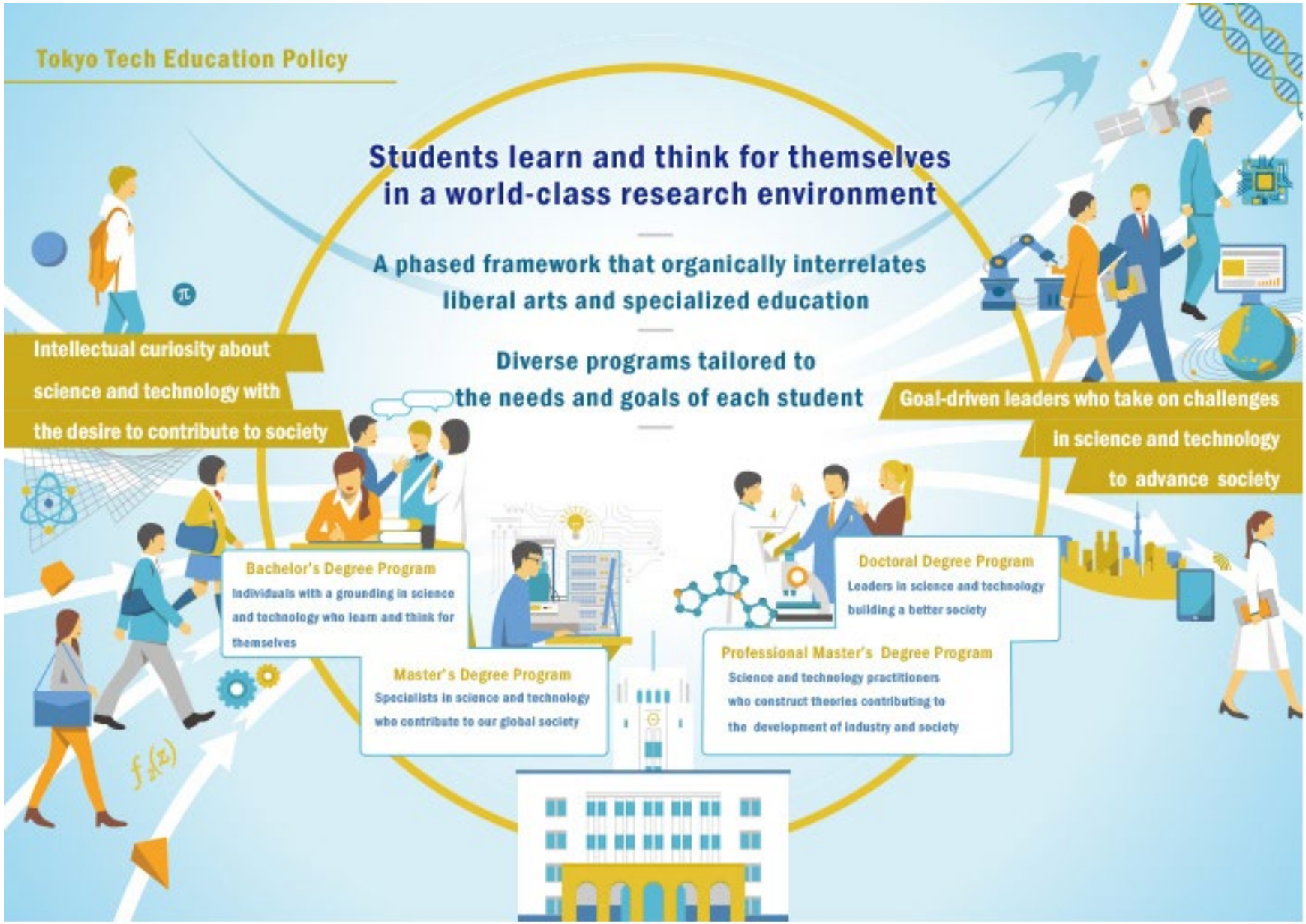
Expertise

- 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



Professionals cultivated at Tokyo Tech (Master's Degree Program)

Specialists in science and technology with the ability to contribute to society on an international level

The master's degree program equips students 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

Degree Policy (Master's Degree Program)

Specialist skills	Broad specialist skills: Wide-ranging expertise to conduct in-depth research and development
Liberal arts skills	General intercultural skills and developed independent study: • Broad knowledge and language skills necessary to grasp matters from a comprehensive and international perspective • Ability to continue learning and thinking for oneself with a purpose in mind • Willingness to try anything • Understanding of ethical issues
Communication skills	Various communicative methods using logic: • Skills necessary to provide logical explanations, responding to various circumstances • Ability to integrate diverse ideas
Applied skills (inquisitive thinking and/or problem-finding skills)	Passion for exploration: • Ability to organize phenomena from a multifaceted perspective and analyze them logically • Enthusiasm to explore the mysteries of science and technology
Applied skills (practical and/or problem-solving skills)	Application of problem-solving skills: Ability to solve practical problems, making full use of broad knowledge, skills, and creativity

● Professionals cultivated at Tokyo Tech (Doctoral Degree Program)

Leaders in science and technology with the ability to build a better society

The doctoral degree program equips students with:

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

● Degree Policy (Doctoral Degree Program)

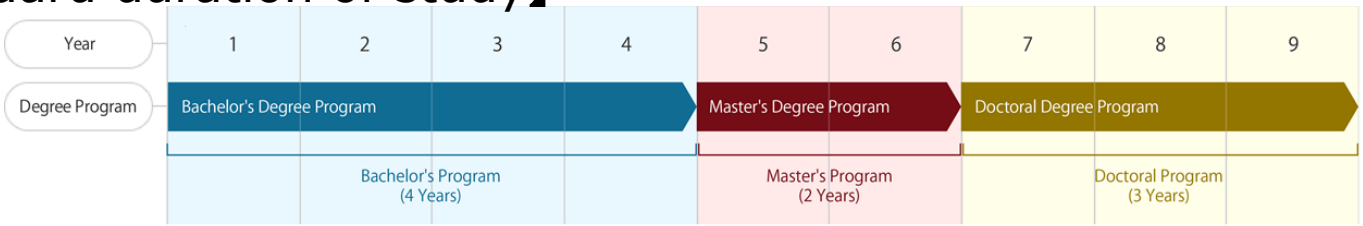
Specialist skills	Superior specialist skills: Superior expertise to promote research and development and generate and systematize new knowledge
Liberal arts skills	Developed intercultural skills and independent study, and self-motivated action: • Systematic and broad knowledge and language skills necessary to understand matters from a comprehensive and international perspective • Ability to learn, consider, and take concrete actions to generate new knowledge and create value • Willingness to take on new challenges without setting limits • Understanding of ethical issues
Communication skills	Social leadership: • Skills necessary to provide logical explanations to society, responding to various circumstances • Ability to exhibit leadership
Applied skills (inquisitive thinking and/or problem-finding skills)	Investigative work and new challenges: • Ability to organize phenomena from a multifaceted perspective and analyze them logically • Skills necessary to explore the mysteries of science and technology • Ability to perceive the true essence and universality of matters in order to identify and investigate problems and set new challenges
Applied skills (practical and/or problem-solving skills)	Advanced problem solving and making a positive impact: • Ability to solve advanced and practical problems, making full use of broad and deep knowledge and skills, initiative, and creativity • Ability to inspire others

6) Graduate Programs

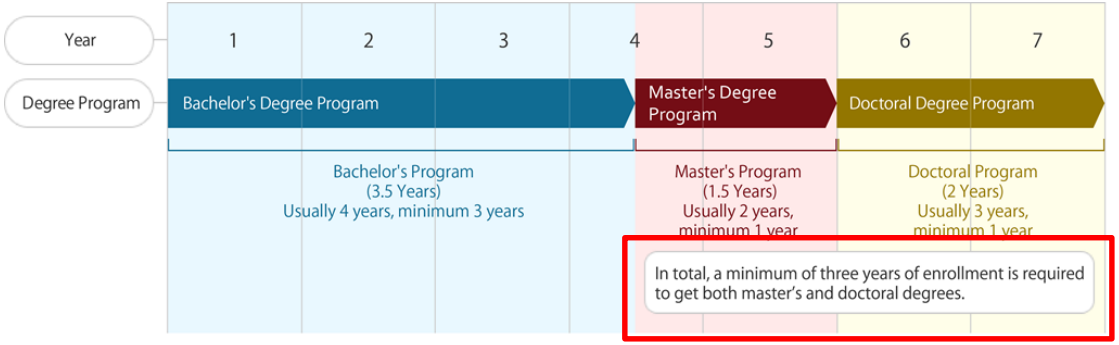
● Durations of Study

- 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.

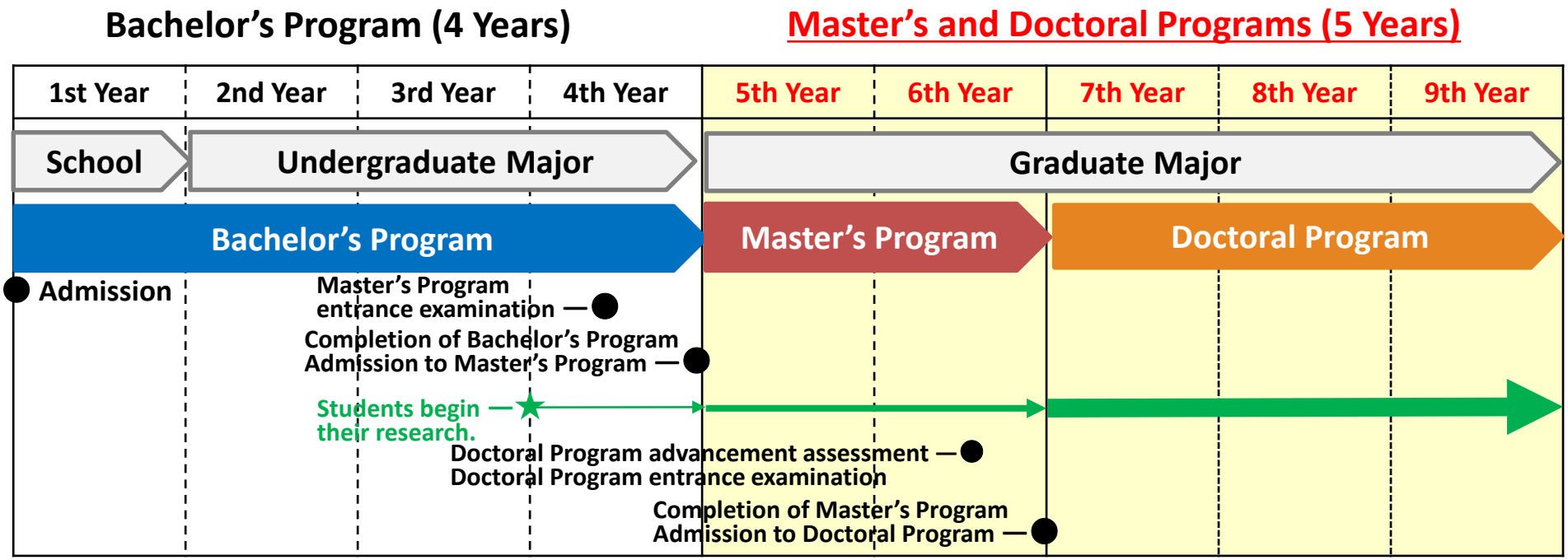
【Standard duration of study】



【Example of study plan for completion in 7 years】



Standard Progression of Degree Programs



Student Numbers as of May 1, 2023

Bachelor's students: 4,858 in total International students: 5.6% New enrollments: Approx. 1,100/year	More than 80% advance to a master's program (about 900 every year).	Master's students: 3,999 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: 1,563 in total International students: 40% New enrollments: Approx. 450/year

About 1050 from other universities every year

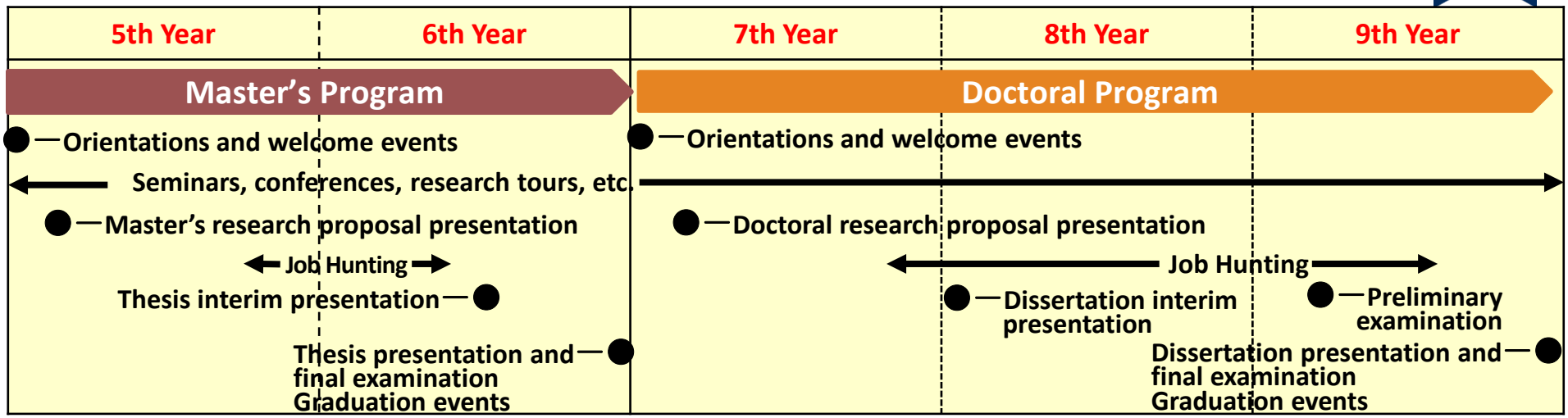
About 200 from other universities every year

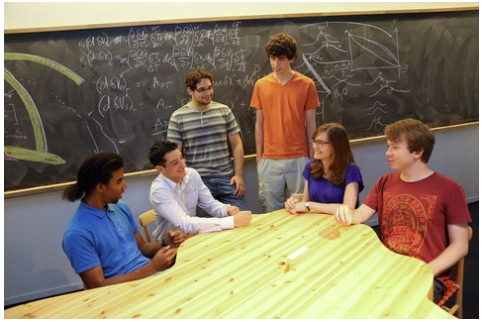
Bachelor's Program
Course credits: 124 or more in 4 years
Students build a foundation for their specialized studies by taking courses.

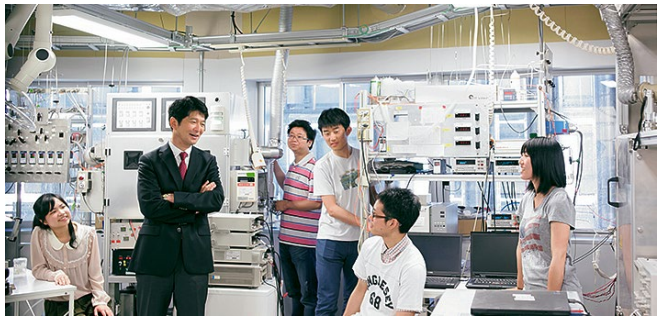
Master's Program
Course credits: 30 or more in 2 years
Students spend more time in a laboratory conducting in-depth research rather than taking courses.

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





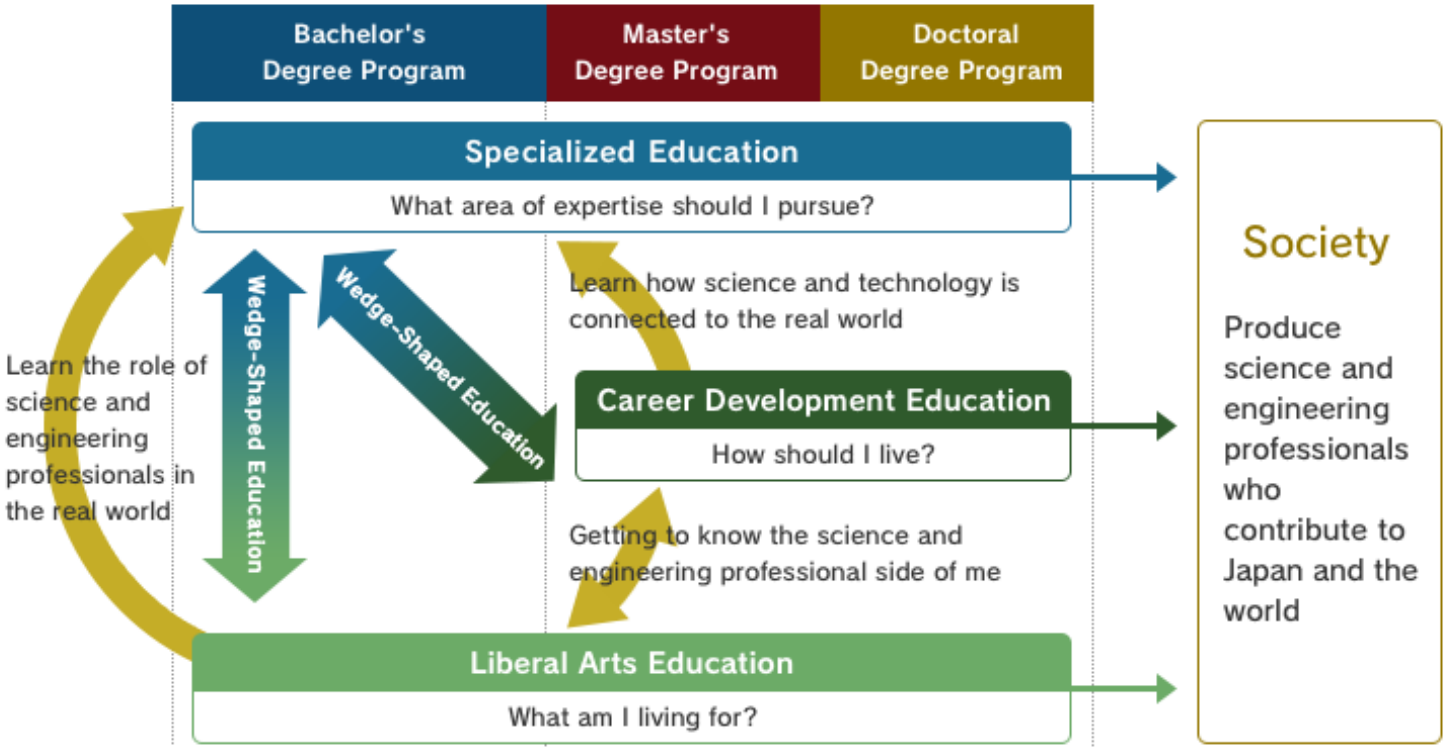


Graduate students are more involved in laboratory research than in classes and lectures.

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.

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.



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.

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

◆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 credit from the 500-level course
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.
https://www.titech.ac.jp/english/student/students/life/resources

◆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

Note: 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.)

7) 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 with 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 Liberal Arts Courses

Key Liberal Arts Courses are the pillars of our distinctive liberal arts education and are offered throughout undergraduate and graduate studies. They include courses such as the Tokyo Tech Visionary Project, the Leadership Workshop, and the Cross-Border Liberal Arts courses.

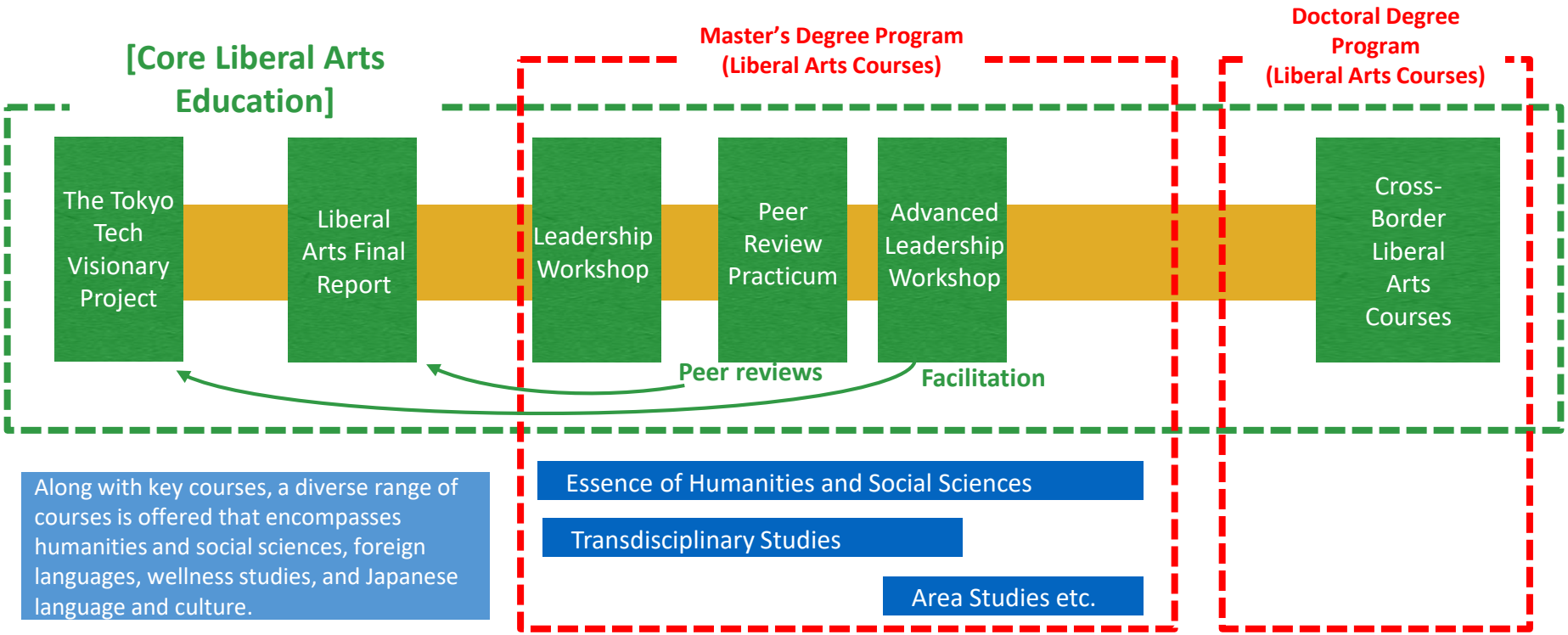
3. Teaching and learning together

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 Courses offered by ILA)

No problem in the real world can be solved through the power of a single academic discipline. To apply your expertise in the real world — no matter how advanced is — you need the leadership abilities to advance projects while interacting with others, the ability to see where your field of study fits into the overall academic landscape, and knowledge of the cultural and social backgrounds of many other places across the globe.
Our liberal arts courses are divided into several subject categories as shown below. Each of these categories may have one or more courses, with each covering different content.



<Core Liberal Arts Education for Master's Students>

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 admitted to practicum courses where they can exercise their newly-acquired skills to assist in bachelor degree programs, and thereby further develop their own skills. 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.

< Core Liberal Arts Education for Doctoral Students>

Cross-Border Liberal Arts Courses

Doctoral students in these courses work with researchers from different fields to solve problems while monitoring trends in cutting-edge, interdisciplinary research. In this way, they create a forum for exchanging knowledge throughout the doctoral program.

Build the skills to communicate with students in other fields of specialization or different cultural backgrounds

Develop leadership and information-dissemination skills as well as interdisciplinary competence

Build an awareness of one's role in society

● Liberal Arts (Humanities and Social Science)

Courses for Master's Students ①

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 Liberal Arts Courses and other liberal arts courses.

- **Course sequence (in order of course level)**

  Tokyo Tech provides a wedge-shaped style education that allows students to continuously take liberal arts courses from a Bachelor's Program to a Doctoral Program. Students are recommended to take liberal arts courses in ascending order of course level. In the semester right after enrollment in the Master's Degree Program – i.e., 1Q and 2Q for students who enroll in April, and 3Q or 4Q for students who enroll in September – students may register only in 400-level Humanities and Social Science Courses.

  Students may take 500-level Humanities and Social Science Courses after studying at least six months at Tokyo Tech after enrollment, i.e., in 3Q and 4Q for students who enroll in April, and in 1Q and 2Q of the following year for students who enroll in September.

- **Core Liberal Arts Education**

  400-level courses: Leadership Workshop (1-4Q)
  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.)

Course content is subject to change. Please check the course syllabi and the website regularly for the latest information.

● Liberal Arts (Humanities and Social Science) Courses for Master's Students ②

➢ 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.
- 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.

Graduate students entering this September do not need to pre-register for the AY 2023 3Q and 4Q Humanities and Social science Courses, as a certain number of spots have been reserved for them. Please follow the regular course registration process. Registration will be available until the spots are filled up.
Beginning in AY 2024 1Q, you should pre-register for desired courses to secure your seat.

*Pre-registration notices will be sent by email. Please be sure to confirm all emails sent from Tokyo Tech to your m.titech.ac.jp email address.

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

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.

"Cross-Border Liberal Arts Courses" (all in English; two credits per course)

- The course will be conducted in 2Q and 4Q, five times as livestreamed lectures and twice as on-demand lectures. The content taught in 2Q and 4Q are identical, so please take the course in either quarter.
- Livestreamed lectures are scheduled for every other Saturday (periods 1-4) and will be conducted using Zoom. 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. For details regarding absence, please check the course syllabus.

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.

● Liberal Arts (Humanities and Social Science) Courses for Doctoral Students

➢ Path-Breaking Liberal Arts Courses (600-level, one credit)

Students who enrolled in AY2022 or after cannot take the Path-Breaking Liberal Arts Courses (600-level, one credit), which pertain to the former curriculum scheme.

They can only be taken by students who have taken at least one course (and earned one credit) in Humanities and Social Science courses* by AY2021. (*Examples: Path-Breaking Liberal Arts Courses 1A–4A, Independent Studies Courses 1A–4A, and Glocal Doctor Courses Y1–Y4. This also includes Japanese Language and Culture Courses for international students.)

Students admitted in or before AY2021 who have not completed a 600-level Humanities and Social Science course — as well as students who enrolled in AY 2022 or later — should take Cross-Border Liberal Arts Courses (two credits awarded per course).

Inquires :
Office of Humanities and Social Science Courses,
Institute for Liberal Arts
http://bunkei.ila.titech.ac.jp/

8) Career Development Courses

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?

Liberal Arts Education Specialized Education

Bachelor's Degree Program

Master's Degree Program

Doctoral Degree Program

Specialized education system (Department, Graduate Major)

Choose a career program

School of Science, School of Engineering, School of Materials and Chemical Technology, School of Computing, School of Life Science and Technology, School of Environment and Society

- Tokyo Tech Academy for Leadership (ToTAL)
- Academy for Global Leadership (AGL)
- Tokyo Tech Academy Programs

Career Development Education

Courses for Master's degree

Courses for Doctoral degree

Innovator and Inventor Development Platform (IIDP)

Note: Each graduate major program offers some courses that can be recognized as Career Development Courses

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.**

【We offer other career related programs in addition to career development courses】

Poster session for company officials (self-promotion opportunity)
Global career fair for international students (Career Talk)
Internship information session
Preparation for job interviews in Japanese
Seminar on careers in the government etc.

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 AY2022, about 600 Career Development Courses are offered for graduate students.

● Career Development Courses for Master's Students

➢ Required credits and Graduate Attributes (GAs)

- 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 (GA0M, GA1M). 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 GA0M and GA1M, the GA requirement will be fulfilled.
- For details about completion requirements, carefully read the study guide for your major.
- Each department offers courses for working adult students. Please consult your academic supervisor if you wish to take such courses.

➢ GAs (Master's degree program)

GA0M: You can clearly plan your own career and recognize the abilities necessary for realizing it while considering ethics and relevance to societal problems.

GA1M: You can aquire the knowledge, skills, and ethics necessary for realizing your planned career and contribute to societal problem-solving while sollaborating with other experts.

Note: The Graduate Attributes (GA) have been changed for students admitted in AY2022 and beyond. The previous GA will apply to students admitted in AY2021 and before.

➢ 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. Students may take GA1M courses before taking GA0M courses.
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.

AY2023 IIDP Career Development Courses for Master's Students (subject to change)

*Students may earn one credit by taking any of the courses listed below. For courses whose titles appear in English, the course is offered in English.

GA / Q	GA0M	GA1M
1Q	➢ 修士キャリア構築基礎【A1】【A2】【A3] ➢ Master's Global Career Development Literacy【A】 ➢ 修士キャリアデザイン演習【A1】【A2】	
2Q	➢ 修士キャリア構築基礎【B】 ➢ 修士キャリアデザイン演習【B1】【B2】	➢ 修士社会・ビジネスのルールと倫理【B1】【B2】 ➢ Master's Scientific Communication
3Q	➢ 修士キャリア構築基礎【C】 ➢ Master's Global Career Development Literacy【C】 ➢ 修士キャリアデザイン演習【C1】【C2】	➢ 修士キャリア構築ロールモデル【C】 ➢ 修士社会・ビジネスのルールと倫理【C】 ➢ 修士研究と社会貢献【C】（集中講義）
4Q	➢ 修士キャリアデザイン演習【D1】【D2】	➢ Master's Critical Thinking ➢ 修士キャリア構築ロールモデル【D】

Notes:
1. Subject to change. Please check the timetable, syllabi, IIDP website, etc. frequently.
2. In addition to the above, there are courses that are different from ordinary lecture-type courses: Master's Recurrent Program Advanced Practice (for working adult master's students; GA0M/GA1M) and Master's Research Internship (GA1M). Please check the syllabus if you are interested in taking these courses.

- For details of each course, please check the syllabus at http://www.ocw.titech.ac.jp/index.php?lang=EN
- Also, there are other career development courses offered in your major. Please see the "Guide to the Graduate Majors" section of the "Guide to Graduate Education and International Program". https://www.titech.ac.jp/guide/guide_2023/English_F/
- Each department offers Recurrent Program courses for students with work experience. If you are interested in taking these courses, please consult with your academic supervisor.

● Career Development Courses for Doctoral Students

➢ Required credits

- Students are required to take 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. (Some courses are assigned only one GA, while some are assigned both.)
- Students must fulfill both of the GAs by acquiring four or more credits from Career Development Courses. For example, by taking a course that is assigned both GA0D and GA1D, the GA requirement will be fulfilled.
- For details about completion requirements, carefully read the study guide for your major.
- Each department offers Recurrent Program courses for students with work experience. If you are interested in taking these courses, please consult with your academic supervisor.

➢ GAs (Doctoral degree program)

GA0D: You can clearly design your own career and contribute to realizing scientific, technological, or social innovation through a comprehensive understanding of the knowledge, skills, social responsibilities and ethics required to become an active member of academia and/or industry.

GA1D: You can lead in realizing scientific, technological, or social innovation by acquiring the advanced leadership skills, entrepreneurial skills, knowledge and experitise, and by developing social responsibility necessary for materializing your designed career.

Note: The Graduate Attributes (GA) have been changed for students admitted in AY2022 and beyond. The previous GA will apply to students admitted in AY2021 and before.

➢ Study Plan

- It is advisable to take courses corresponding to GA0D in the early period of the 1st year of doctoral studies, including Doctoral Career Design; and Doctoral Strategy for Balancing Career, Personality and Lifestyle. After that, take courses that include GA1D in other quarters.
- Proposal-writing training courses are offered once a quarter (four times in an academic year) for prospective applicants to the JSPS Research Fellowship for Young Scientists (DC). If you are interested in applying for that fellowship, you should take this course.

List of Career Development Courses for Doctoral Students, Provided by IIDP (AY2023)

*Students may earn one credit by taking any of the courses listed below. For courses whose titles appear in English, the course is offered in English.

	GA0D	GA1D
1Q	➢ 博士キャリアデザイン【A】	➢ 博士アカデミックリテラシー【A】（集中講義） ➢ Doctoral Technical Discussion【A】 ➢ Doctoral Technical Writing【A】
2Q	➢ Doctoral Strategy for Balancing Career, Personality and Lifestyle【B】（Intensive Course）	➢ 博士アカデミックリテラシー【B】（集中講義） ➢ 博士アカデミックティーチング【B】（集中講義） ➢ 博士アカデミックプレゼンⅠ（集中講義） ➢ 博士アカデミックプレゼンⅡ【B】 ➢ 博士社会・ビジネスのルールと倫理【B】 ➢ Doctoral Technical Discussion【B】
3Q	➢ 博士キャリアデザイン【C】 ➢ Doctoral Strategy for Balancing Career, Personality and Lifestyle【C】（Intensive Course） ➢ Doctoral Developing Career Adaptability for Global Competitiveness	➢ 博士アカデミックリテラシー【C】（集中講義） ➢ 博士アカデミックティーチング【C】（3Q）（集中講義） ➢ 博士アカデミックプレゼンⅢ（集中講義） ➢ 博士科学者・技術者の倫理 ➢ Doctoral Technical Writing【C】 ➢ Doctoral R&D and Business Strategies of Global Companies【C】
4Q		➢ 博士アカデミックリテラシー【D】（集中講義） ➢ 博士アカデミックプレゼンⅡ【D】 ➢ 博士アカデミックプレゼンⅤ（集中講義） ➢ 博士社会・ビジネスのルールと倫理【D】 ➢ Doctoral Technical Discussion【D】 ➢ Doctoral R&D and Business Strategies of Global Companies【D】 ➢ 博士企業ビジネス・研究開発戦略実践研修（集中講義） ➢ 博士企業経営とビジネスモデルケーススタディ

Notes:
1. Subject to change. Please check the timetable, syllabi, IIDP website, etc. frequently.
2. In addition to the above, there are courses that are different from ordinary lecture-type courses: Doctoral Academic Overseas Training(GA1D), Doctoral Academic Domestic Training(GA1D), Doctoral Research Internship in Private Companies(GA1D). Please check the syllabus if you are interested in taking these courses.
3.Some courses cannot be taken within six months of admission to the doctoral program. Please check the syllabus if you are interested in taking these courses.

- For details of each course, please check the syllabus at http://www.ocw.titech.ac.jp/index.php?lang=EN
- Also, there are other career development courses offered in your major. Please see the "Guide to the Graduate Majors" section of the "Guide to Graduate Education and International Program". https://www.titech.ac.jp/guide/guide_2022/English_F/
- Each department offers Recurrent Program courses for students with work experience. If you are interested in taking these courses, please consult with your academic supervisor.

• How to Take Career Development Courses (For Both Master's and Doctoral Students)

The unique course code for the Career Development Courses offered by Innovator and Inventor Development Platform (IIDP) starts with "LAC".

1. Check completion requirements regarding career development courses for your major.

Please see the "Guide to the Graduate Majors" section of the "Guide to Graduate Education and International Program" to check the details about completion requirements for your major. https://www.titech.ac.jp/guide/guide_2023/English_F/

2. Check what kind of career development courses are available

- See the "Liberal Arts and Basic Science Courses" section of the "Guide to Graduate Education and International Program" to check career development courses offered by IIDP. Also, timetables for these courses are available at IIDP website. https://www.titech.ac.jp/english/instwide-edu/students/life/career-education
- See the "Guide to the Graduate Majors" section of the "Guide to Graduate Education and International Program" to check career development courses offered in your major.
- See syllabus for details of each course including content, course instructor, and schedule. Find the webpage for the course by making a "search by lecture title" on the OCW top page. (http://www.ocw.titech.ac.jp/index.php?lang=EN)

3. Decide on the courses you will take and register for them

Log into Tokyo Tech Portal, click on the "Web System for Students and Faculty" on the menu, and register in the courses you wish to take.

Inquires :

Innovator and Inventor Development Platform （IIDP）

https://www.titech.ac.jp/english/instwide-edu/students/life/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 and course sequence targeting newly enrolled graduate students will be held online on Thursday, September 28, 2023 (tentative). Please visit the above IIDP website for details.

9) Japanese Language and Culture Courses

- Japanese Language and Culture Courses are designed for international students and offer a variety of courses from basic to pre-advanced level.
- Credits obtained from the Japanese Language and Culture Courses can be recognized as equivalent to the credits of the Humanities and Social Science courses - 400, 500, and 600 level courses. This can be adopted to the doctoral degree program students too.
- Specific Skill Courses are designed to improve targeted areas like conversation, kanji, writing, career development, etc.
- To apply for these courses, access the Japanese Class Online System (JCOS) and follow these steps:
  1. Create your account in the JCOS.
  2. Take the Japanese language test.
  3. Reserve your class.

Students whose Japanese language skills are higher than these courses, such as those who graduated from universities in Japan including Tokyo Tech, may not take these courses.

Tokyo Tech Japanese Language and Culture Courses for Graduate Students

Basic		Intermediate				Pre- Advanced
B1, B2	B3, B4	I1, I2	I3, I4	I5, I6	I7, I8	U1 ~ U8
REGULAR COURSE						
400Lv	400Lv	400Lv	400Lv	500Lv	500Lv	
Basic Japanese 1,2	Basic Japanese 3,4	Intermediate Japanese 1,2	Intermediate Japanese 3,4	Intermediate Japanese 5,6	Intermediate Japanese 7,8	
SPECIFIC SKILL COURSE 400Lv						
Japanese conversation		Pre-inter. 1,2				
		Inter. 1,2	Inter. 3,4			
Japanese kanji	Basic 1,2					
		Inter. 1,2				
			Inter. 3,4			
Japanese seminar				3~6, 9/10	1~10	1/2, 7~10
JAPANESE CULTURE COURSE 500Lv						
1: Strategic approach to Japanese and culture						3/4: Multi-cultural collaboration
2: Strategic approach to Japanese and culture						
Japanese culture and language 1, 2, 3, 4 (for registration only) 600Lv						

*For the information about Japanese language and culture courses, visit the URL below.

https://js.ila.titech.ac.jp/~web/index.html

10) Specially offered degree programs for graduate students

1. Tokyo Tech Academy for Leadership (ToTAL)

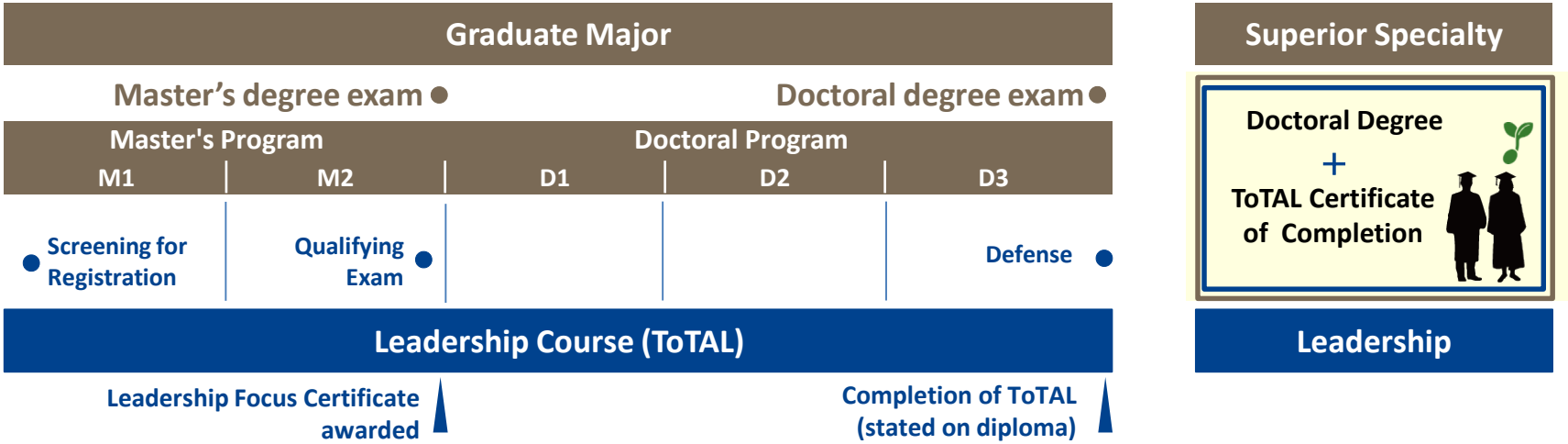
ToTAL
Tokyo Tech Academy for Leadership

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.

1. Tokyo Tech Academy for Leadership (ToTAL)

Curriculum outline

BRIEFING SESSIONS

DAY 1: Thur., Oct. 12 from 5:30 to 6:30 p.m.
(In English at S2-203, South Bldg. 2, Ookayama Campus and online)

DAY 2: Mon., Oct. 16 from 5:30 to 6:30 p.m.
(In Japanese at J2-305, J2 Bldg., Suzukakedai Campus and online)

*Changes may occur. Please see our website for the latest information.

At ToTAL, students will gain competencies essential for global leadership in addition to superior expertise acquired in their majors. Courses are offered 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

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

Tuition exemption and support for expenses of off-campus project (overseas or domestic) are provided to doctoral students. (Conditions apply.)
The financial support system after 2026 is being prepared.

You may register in ToTAL during the master's degree only. In that case, a Leadership 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).



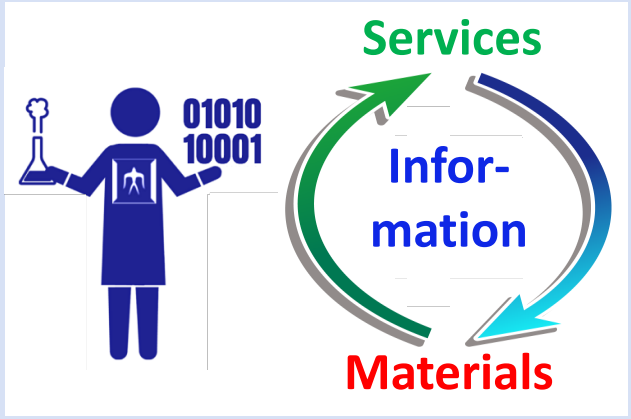


Tokyo Tech Academy for Leadership (ToTAL)
http://www.total.titech.ac.jp/english/

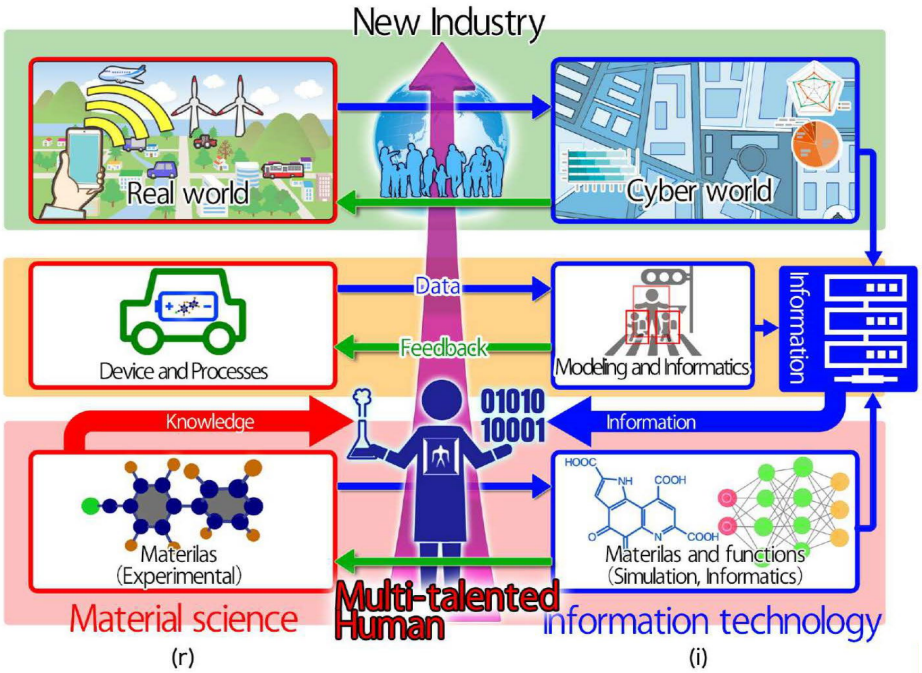
2. Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI)

① Program 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.



Creating **new industries** by connecting “**materials**”, which is Japan's strengths, to "**services**" by utilizing **information science & technologies**.



Produce leaders who create new industries as advanced professionals in materials science and informatics

② Program 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

① **Materials and Informatics lectures** with exercises
② **Laboratory rotation**
③ Originality education with **self-designed thesis**

(2) Broad perspective

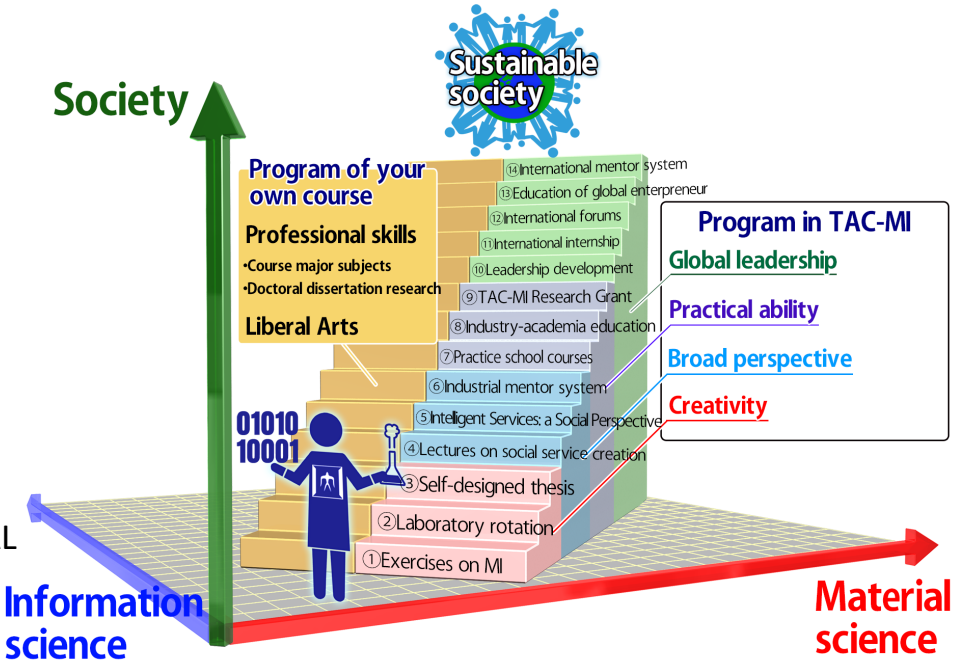
④ **Lectures on social service creation**
⑤ **Intelligent Services: A Social Perspective**
⑥ **Industrial mentor system**

(3) Practical ability

⑦ **Practice School** to solve companies issues
⑧ **TAC-MI Research Grant** to enhance the ability to find and solve problems

(4) Global leadership

⑨ **Leadership development courses** provided by ToTAL
⑩ **International internships**
⑪ **International forums** on materials and informatics
⑫ **International mentor system**



TAC-MI
Tokyo Tech Academy for Convergence of Materials and Informatics

To become "**an excellent & multitalented doctor**" is the gateway to a global player.
Member companies of TAC-MI pay attention to the growth of TAC-MI students.
TAC-MI students can take advantage of **the job matching service**.

③ Support for TAC-MI Students

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.

（1） Financial Support for TAC-MI doctoral students:

- **Up to 2,530,000 yen per year will be provided in total by TAC-MI Scholarship and Tokyo Tech Tsubame Scholarship etc.**

（2） Financial Support For JSPS DC1/DC2, MEXT Scholarship foreign students, students selected for “Human Resource Development Fellowship”and “Cross the border! Tokyo-Tech pioneering doctoral research program”:

- **Addition to these economic support, TAC-MI will pay RA salary .**

④ Selection of Students

Master’s students belonging to Tokyo Tech are eligible to apply.

We accept applications twice a year in **July** and **December**.

Details will be explained at **the student recruitment briefing session**.
For more information about TAC-MI Program and briefings sessions, please visit our website. **https://www.tac-mi.titech.ac.jp/en**

3. WISE for Super Smart Society

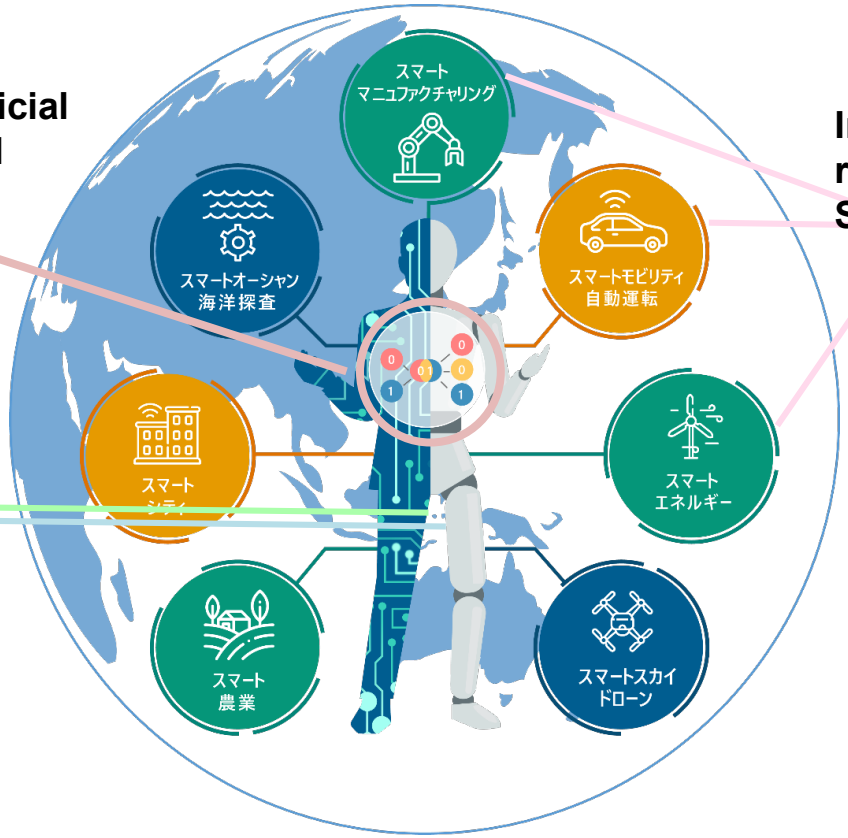
Skill = （Cyber Tech. ＋Physical Tech.）× Quantum Science

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

SSS Official Channel

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

Education that combines social collaboration (open education) and interdisciplinary research (open innovation)

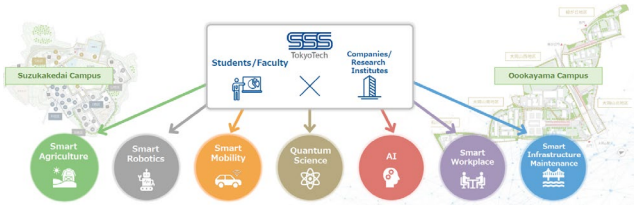
SSS Interdisciplinary Matching Workshop

Intensive practice for interdisciplinary research planning

By exchanging opinions with people from companies and national research institutes, new perspectives and ideas can be gained and has also led to joint research.

Super Smart Society Promotion Consortium partners

Providing opportunities to build interdisciplinary research through exercises using the Education and Research Field for a Super-smart Society, which brings together cutting-edge science and technology.



Voices from Graduates

"Gaining an opportunity as a researcher through WISE-SSS"

After I joined the SSS Matching Workshop in November 2019, collaborative research with DENSO was realized. The research theme was V2I (Vehicle to Infrastructure), and we worked for two years from April 2020 on the subject of how to connect the automobile and infrastructure by means of communication. As a result of such research being recognized, I was hired by the Sony Group to start working from this April 2022.

Dr. Yin Yue (School of Engineering, Sakaguchi Lab)

“Clear a path for the future with the global off-campus research project"

After completing a study-abroad program that started in September 2022 at the University of Wisconsin-Madison, as part of the WISE-SSS global off-campus research project, I have been continuing my research at the University as a postdoctoral researcher, which was my initial plan. I wish to further my research and enhance my international communication and leadership abilities.

Dr. Takahiro Noguchi (School of Engineering, Chiba Lab)

Financial aid programs are available to help students become financially independent and create an environment in which they can concentrate on their studies.
For details, please visit the website of Tokyo Tech Academy for Super Smart Society:
https://www.wise-sss.titech.ac.jp/en/admissions/support/

4. Tokyo Tech Academy of Energy and Informatics (ISE) program

① Program objective

“Multi-scope・Energy WISE Professionals”

“Professionals” of “Multi-disciplinary energy science” who can design a new sustainable energy society with mastering “big data science” and “social design”

Analyze “current”: law/regulation, economy, social situation

↕

Construct “future” Policy-making, business model, social design

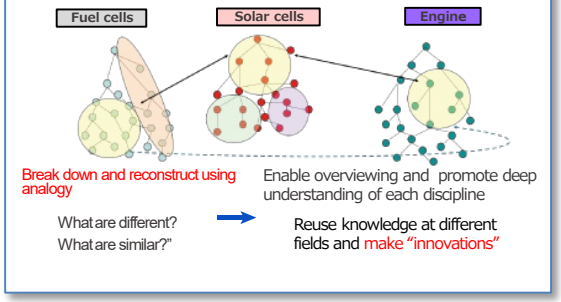
Social Design Scope
current situation analysis
↕
future vision

High specialty (discipline)＝origin

Multi-disciplinary Energy Science Scope
element technology
↕
system

Big Data Science Scope
(AI analysis + data science)
Principle
↕
big data

Multi-disciplinary energy science
--- the policy of current “Energy Course”---

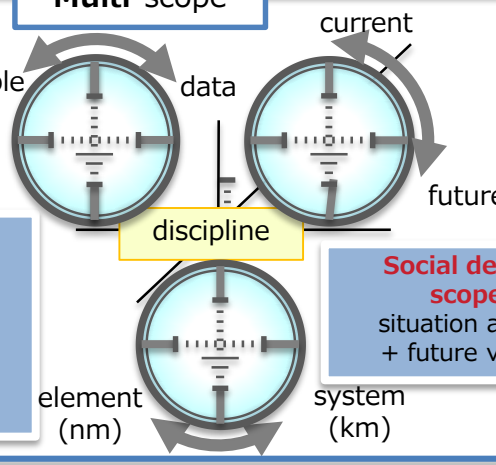


- Principles extracted from the trends by big data analysis
- Trends in the big data understood by principles

Multi-scope

Big Data Science Scope
→AI analysis + data science

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



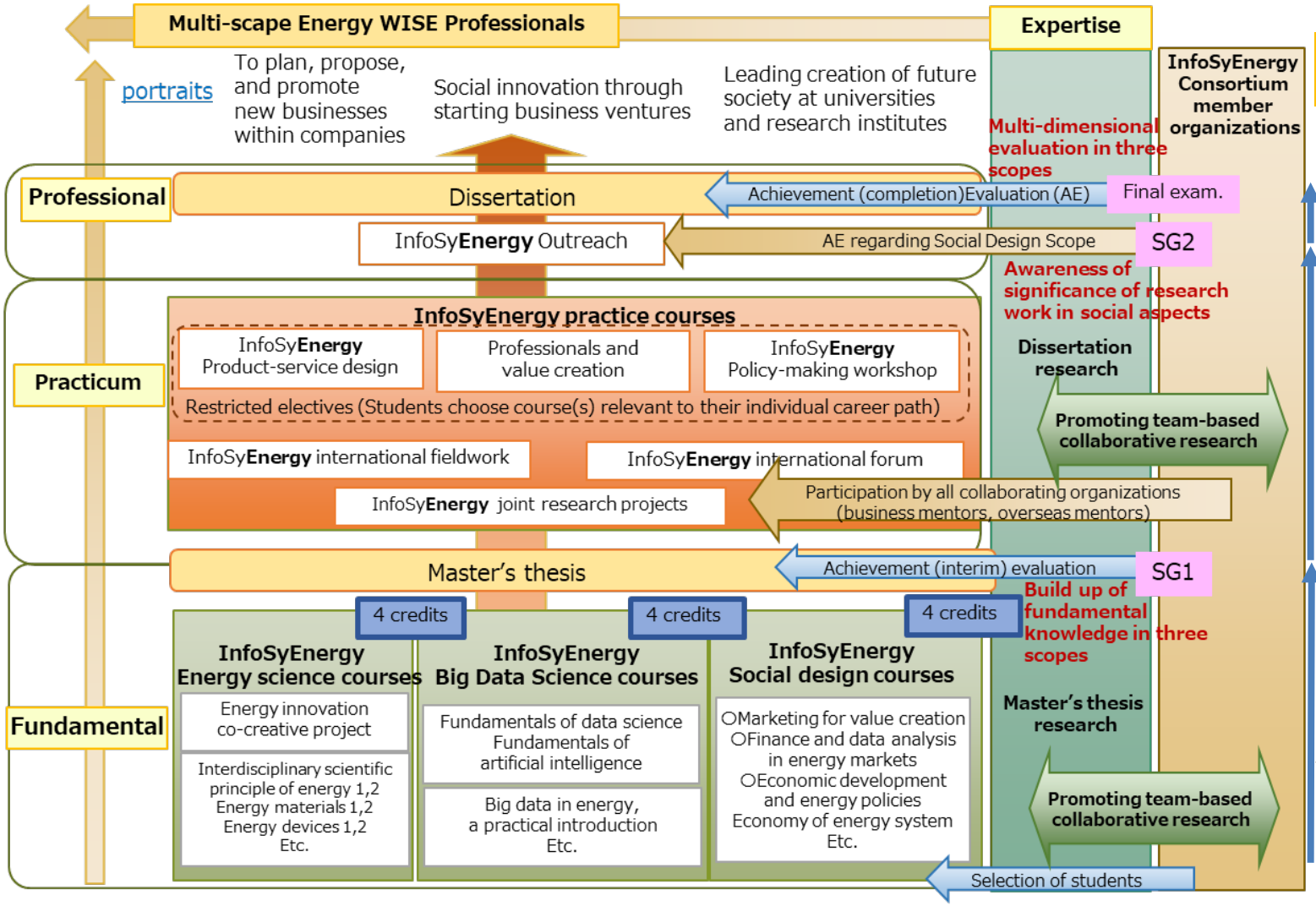
Social design scope
situation analysis + future vision

Tokyo Tech Academy of Energy and Informatics

Multi-scope

Multi-scope・Energy WISE Professionals are expert of energy science, big data science and social science.

② Curriculum



From Enrollment to Completion

-Examples of master's course students-

Final Exam.

Stage Gate2

1 year prior of the planned completion of doctoral course

★InfoSyEnergy practice courses
4 credits

Business mentors and overseas mentors will provide continuing evaluations and guidance

Stage Gate1

At the time of master's thesis presentation

★InfoSyEnergy Energy science courses
4 credits

★InfoSyEnergy Big Data Science courses
4 credits

★InfoSyEnergy Social design courses
4 credits

Selection of students

Tokyo Tech Academy of Energy and Informatics

③ Financial Support for ISE Program Students & Selection of Students

➢ Financial Support for Students Enrolled in the ISE Program

- Provide support (grant) of up to 1.85 million yen per year to doctoral degree students who are recognized as having high research ability and potential. The maximum amount the student can receive totals 2.53 million yen/year, including the Tsubame scholarship (40,000 yen/month) and remuneration for RA work under academic supervisors (200,000 yen/year).
- Support students' research participation and financial support in joint research with companies promoted by the "Tokyo Tech InfoSyEnergy Research and Education Consortium".
- Provide partial travel support for expenses on InfoSyEnergy International Field Work and InfoSyEnergy Joint Research Project
- Provide InfoSyEnergy Collaborative Research Incentive Grant Program
- Provide financial support for the cost of attending InfoSyEnergy International Forum such as travel expenses.

➢ Selection of Students

Target students are those who can take 2nd stage selection of “Energy Innovation Co-creative Project course” in 3-4Q during Master’s and Professional Master’s Program. Please check our website for selection schedule.

Master’s students who wish to enter the ISE program must pass (1) the initial screening where “candidates” are selected and (2) the final screening conducted at the Energy Innovation Co-creative Project course in Q3-Q4. ISE selects candidates twice a year, for the spring and fall semesters. Check the program website regularly for details.

Briefing Sessions

1. Tokyo Tech Academy for Leadership program

ToTAL admits students twice a year, in the spring and fall semesters. For enrollment from AY 2023 fall semester, attend one of the scheduled sessions; on Thursday, October 12 and Monday, October 16.* Details on the program and how to enroll will be explained. Check the ToTAL website for more information.

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

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

*Changes may occur. Please see our website for the latest information.

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

TAC-MI admits students twice per year, for the spring and fall semesters. Briefing sessions for the AY 2024 spring enrollment will be held on Wednesday, October 18. For more information on how to enroll in the Academy, check the website.

tac-mi@jim.titech.ac.jp

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

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. The admissions information session for the AY 2024 spring semester is scheduled to be held on **Wednesday, October 18, 2023**. Attend a session 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 (ISE) program

ISE selects “candidate students” twice per year, for the spring and fall semesters. Students who pass the initial screening become candidates and proceed to the final screening where decisions are made on students to be officially accepted to the ISE program. Watch an online video of the briefing session to learn about the selection process, and participate in a “Q & A session” scheduled to be held on **Wednesday, October 11** for further understanding.

Please visit our website for more information.

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

E-mail : management_office@infosyenergy.titech.ac.jp

Joint briefing session of the three academies for the WISE Program

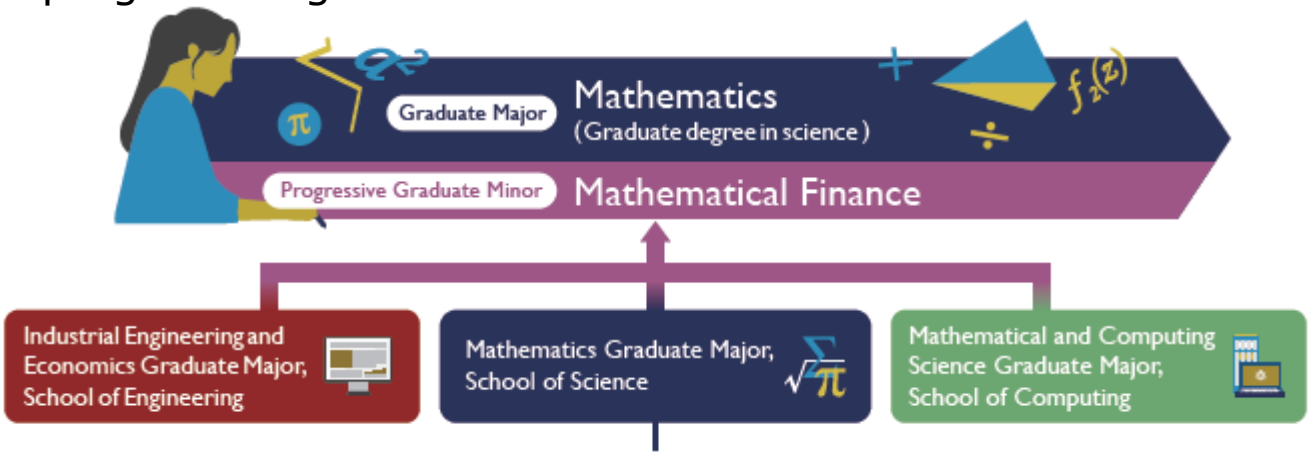
The above three academies for the WISE Program (TAC-MI, WISE-SSS, ISE) hold joint briefing session once a year (fall) on characteristics of each program. For the AY 2023, it will be held on **Monday, October 16**. If you wish to participate, please register through the website of each academy for the WISE Program.

11) 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).

12) 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/english/student/students/procedures/applying

Exam fee: None　　Enrollment fee: None

Schedule for April enrollment

Early November: Internal Application Form will become available (students may download the form from the website.)
Contact: [Ookayama] Graduate Services Group, Student Division, Student Services Department
[Suzukakedai] Graduate Services Group, Student Division, Student Services Department

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

13) Financial Support

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/english/student-support/students/tuition/exemptions

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.

For details, visit the Tokyo Tech website.

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/english/students/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/english/students/tuition/scholarships

There are scholarships funded by private foundations.

(4) Tokyo Tech Fund scholarships

https://www.titech.ac.jp/student-support/students/tuition/giving-scholarships

1) Akira Aoki Memorial Scholarship

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

2) Takasago Thermal Engineering 100th Anniversary Scholarship

Available to first-year master's students (as of April)
Applicable students: Challenging innovative environmental innovations, and contribute to society by taking on the challenge of environmental innovations
Number of recipient: 3 (exact number TBD)
Scholarship amount: ¥50,000 per month

3) Tokyo Tech Fund Scholarships—Hidetoshi Kusama Memorial Scholarship

Available to first-year doctoral students (as of April)
Note: Income conditions apply
Number of recipients: 2 (exact number TBD)
Scholarship amount: ¥60,000 per month

(5) Tokyo Tech Tsubame Scholarship for Doctoral Students

https://www.titech.ac.jp/english/student-support/students/tuition/tsubame-scholarship

Available to doctoral students (as of 2023)
Note: Eligibility restrictions apply
Scholarship amount: ¥480,000 per year (for the second year and after, ¥480,000 or ¥635,400 per year)

14) 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 can, in principle, receive an annual research fund of around 1 million yen, in accordance with research plans attached to the application documents. The average acceptance rate for the program was around 20 to 25 percent over the last 3 years.

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, 2025 will open in mid-February 2024.

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)

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. 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/index.html

JSPS survey excerpted results (as of April 1, 2022)
According to a survey taken five years after JSPS DC fellowships had ended, 68.4 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 2025 academic year fellowships. The schedule below follows that of previous years since no new application guidelines have been released.

Early February 2024	**JSPS releases application guidelines**
Mid-April 2024	**JSPS begins accepting applications through its e-application system**
Early June 2024	**Deadline for applications**
October 2024	**First selection results come out** (Those informally accepted, those selected for the second examination, and those not accepted) Only those selected can take the seconds examination
January 2025	**Second selection results come out** (those informally accepted, those wait-listed, and those not accepted)
February 2025	**Waiting list results announced**
April 1, 2025	**Fellowships begin**

・Tokyo Tech holds its annual briefing (planned to be held via Zoom) in early March for prospective applicants. Please check the websites shown on the next slide, or slack(tentative) as well as emails from j-fellow@jim.titech.ac.jp for details.

・Copies of application documents of past fellowship winners are offered for viewing (duplicating the copies is prohibited), which can greatly help you prepare your application. If you wish to view the copies, which may take about 30 minutes, contact us and provide the date and time you wish to have an appointment.

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)

15) Study Abroad

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. We also provide information on study abroad programs, study abroad scholarships, etc. that are accepting applications.

- Take advantage of an individual consultation with the Study Abroad Support Service.

  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 by using the form on the Tokyo Tech webpage or the Study Abroad Information and Consultation Service webpage.
  https://www.titech.ac.jp/english/international-student-exchange/students/abroad/information-consultation

Study Abroad Fair

We provide the latest information on studying abroad for Tokyo Tech students at the annual Study Abroad Fair and our regular study abroad roundtable discussions. These original Tokyo Tech events cover everything from international education at Tokyo Tech to recruitment information for each study abroad program. We hope to see you there, whether you're vaguely interested in studying abroad or seriously considering it! Please check the latest information using this QR code.
https://www.titech.ac.jp/english/international-student-exchange/students/abroad/events

16) Learning Foreign Languages

- Foreign Language Advisory Center https://www.fl.ila.titech.ac.jp/advisory_e.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.

Location: Zoom
Opening hours: Please check the website
Full-time faculty members of the Foreign Languages Section of the Institute for Liberal Arts are waiting for you to join.

- Open English Office Hours https://www.fl.ila.titech.ac.jp/office_e.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.K. or Canada.
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.
Please check the website for details.

- A Guide to the Foreign Language Resource Room
https://www.fl.ila.titech.ac.jp/resource_e.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: Please check the website
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.

17) Support for International Exchange

➢ Multilingual Chat Room by international students

This is a regular event which gives you a chance to talk freely with international students that are native speakers of English, Chinese and Korean. Anyone interested in studying those languages or want to talk in their mother tongue is welcomed. Please join at Global Lounge at Taki Plaza B1 floor during the lunch break on Fridays.
https://www.titech.ac.jp/english/student-support/students/counseling/concierge#International_Exchange

➢ Help Desk for International Students by international students

Current international students at Tokyo Tech will help new comers adjust to life in Japan based on their experience. The Help Desk at the Global Lounge at Taki Plaza will be open during lunch time from Monday to Thursday.
https://www.titech.ac.jp/student-support/students/counseling/concierge#Internaional_Exchange

Note: Poster above is for Spring 2022

Tokyo Tech

➢ Global Lounge

Global Lounge, a space designed to promote opportunities for both Japanese and international students mingle each other, is located on the B1 floor of Taki Plaza. Multiple Language Chat Room and International Student Help Desk are held regularly. There are some other events from time to time here.

- Students may freely use this place as a lounge when there are no events.
- Students may watch overseas English broadcasts on TV including BBC and CNN, and browse international magazines.
- Food and drinks are NOT permitted except during events.

Global Lounge (Taki Plaza B1 Floor)
https://takiplaza.gakumu.titech.ac.jp

Opening hours follow the opening hours of Taki Plaza.

➢ Art Seminar

Student Support Center hosts art seminars twice a year – in spring and autumn with the aim of nurturing creativity in future scientists. We invite professional artists and let them hold seminars in both English and Japanese, which makes students with various backgrounds feel comfortable to attend.

18) Nihongo Space

We provide an opportunity to meet the various needs of students including advice on learning Japanese, free conversation, correcting your writing.

Opening Hours：**12:40-14:00, every Wednesday and Thursday**
Place：**International Student Lounge, West Bldg. 1, Ookayama Campus**

- **Conversation training**

You can practice Japanese conversation with Tokyo Tech students.

- **One-on-one learning**

You can ask Japanese language teachers to review your writing. You can also ask for advice on how to learn Japanese.

You can find more details on the Japanese Section's website:

https://js.ila.titech.ac.jp/~web/nspace.html

19) Support Systems and Counseling Services

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 Service

Providing support and guidance for career development and job hunting

Career Advisors

Enhancing international exchanges as well as supporting international students

International Student Support Desk

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

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

Academic Advisors

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

Study Advice Sessions、 TAs、 and Tutors

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

Center for Innovative Teaching and Learning

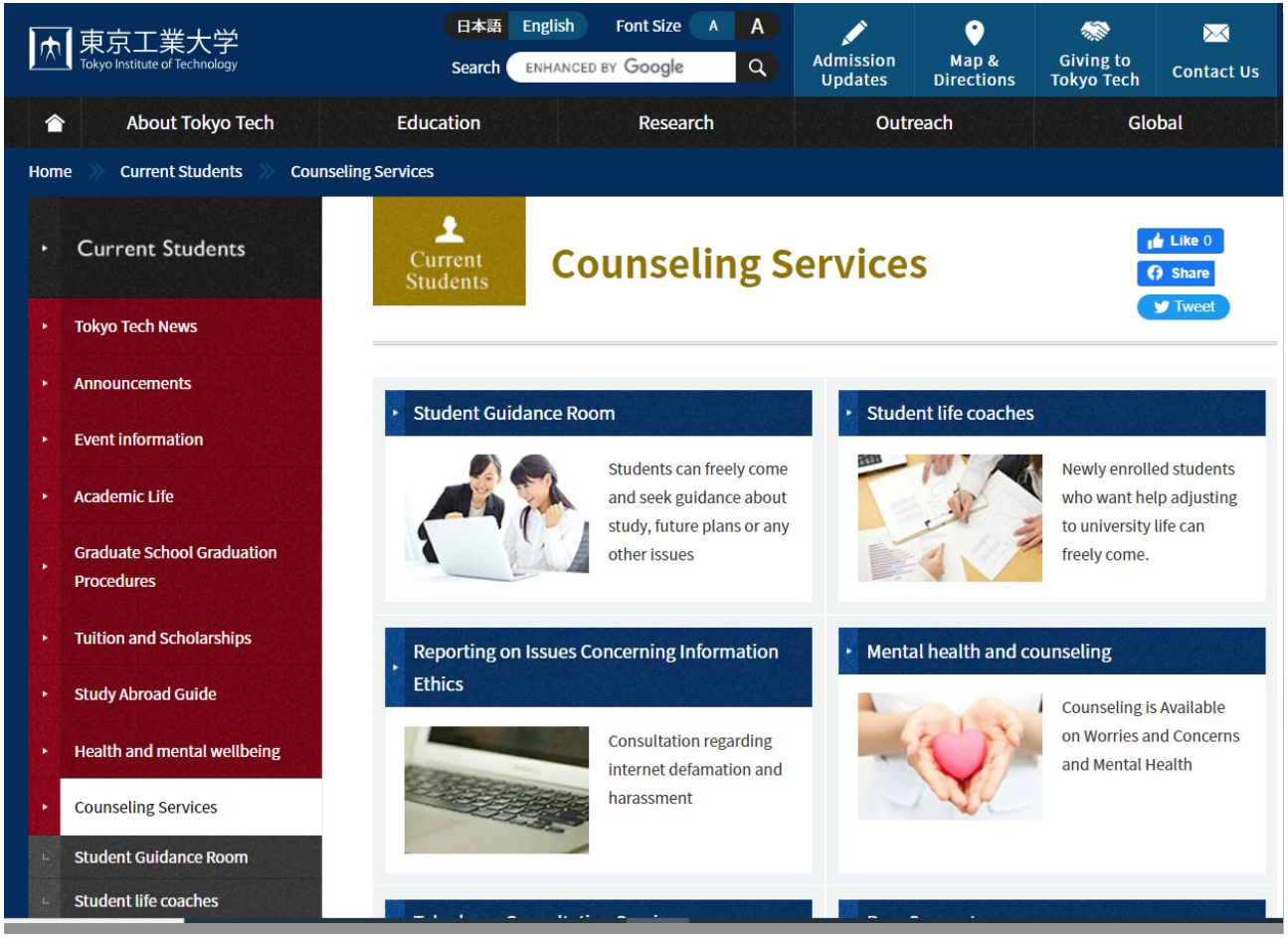
Health Support Center

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

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

Sometimes you might feel alone when facing problems. Consulting with others could help you find solutions. Tokyo Tech provides counseling services depending on the type of issue.

Find more information on the following Tokyo Tech webpage.



Please access the page from this QR code.

20) 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.

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

- The Ookayama Library has Group Study Room available for group activities such as group projects and mock presentations.

  The Suzukakedai Library includes individual study booths and small, quiet rooms suitable for online meetings.

  https://www.libra.titech.ac.jp/en/guide/members/group_study

  https://www.libra.titech.ac.jp/en/guide/members/seminar_room

➢ Lectures & Seminars

There are seminars on how to use the database.

Note: You can watch on the website parts of online seminars held in the past.

https://www.libra.titech.ac.jp/en/seminars

➢ Electronic Resources

Tokyo Tech provides access to e-resources (databases, e-books, e-journals, etc.). Students can access the e-resources from outside the campus using an SSL-VPN.

https://www.libra.titech.ac.jp/en/guide/members/electronic

➢ If you have any questions regarding finding documents or other matters, please fill out the form below.

https://request.libra.titech.ac.jp/cgibin/request/ask/ask.cgi?ulang=eng

21) Liberal Arts Library

- The library's collection of around 27,000 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 600 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
- Hours of operation:

  10:30-17:00 Mondays, Fridays

  10:00-17:00 Tuesdays, Wednesdays, Thursdays
  (excluding national holidays and year-end/New Year holidays.)

URL：http://libra.ila.titech.ac.jp/custom1.html

Twitter：@TokyoTechILALib

22) Online Education：MOOC

(Massive Open Online Course)

- MOOCs are open to anyone with internet access. Over 19,400 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 17 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/

23)Entrepreneurship and Start-up Support

➢ Entrepreneurship Development Programs

- Various courses and events provide flexibility in meeting the needs of participants — one may wish to systematically acquire an entrepreneurial mindset and skills in order to progress to the next level, while another may look to experience social value through practical courses.
  Some already have a clear idea of what they want and are aiming to start a social enterprise or commercial business.
  https://www.titech.ac.jp/english/0/students/entrepreneurship

*Preparations are underway to launch an entrepreneurship education program for all students in the next academic year and beyond.

➢ Start-up Support for Students

- Innovation Design Platform supports venture development by organizing competitions, such as business contests and "STARTech", or by providing counseling services like "Go startup", etc.
  https://www.ori.titech.ac.jp/en/venture/
- It also operates the INDEST facility intended for individuals interested in starting a business.
  https://www.idp.ori.titech.ac.jp/indest/top/

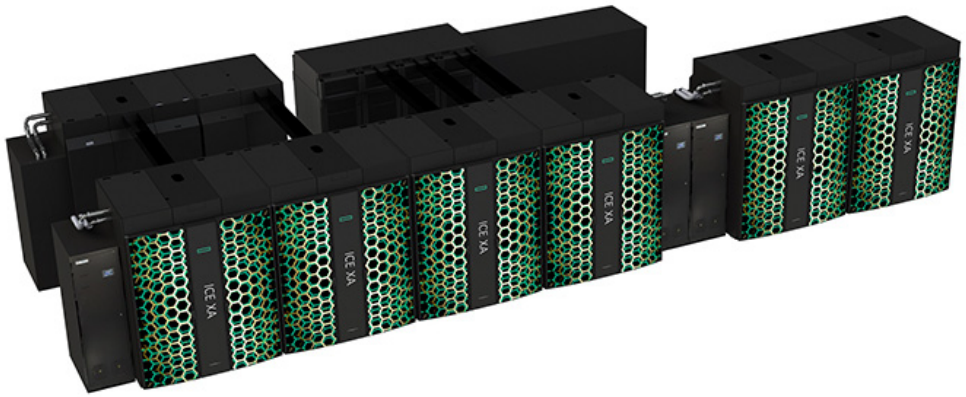
24) TSUBAME Computing Services

- TSUBAME is a cluster-type supercomputer operated by the Global Scientific Information and Computing Center since 2006.

- Its latest version, TSUBAME 3.0, which started its operation in August 2017, is designed to develop a wide range of fields, including AI and big data, etc. and is one of the largest supercomputers in Japan.

TSUBAME 3.0 ranked first in the Green500 list (ranking of the most energy efficient supercomputers) in June 2017. The use of its enormous computing power is also widely available for the students.

https://www.t3.gsic.titech.ac.jp/en/getting-account



25) Student Support Services by Alumni Associations

https://www.kuramae.ne.jp/eng/

➢ Tokyo Tech Alumni Associations(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

➢ Departmental Alumni Associations

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

➢ Lab Alumni Associations

➢ Circle Alumni Associations

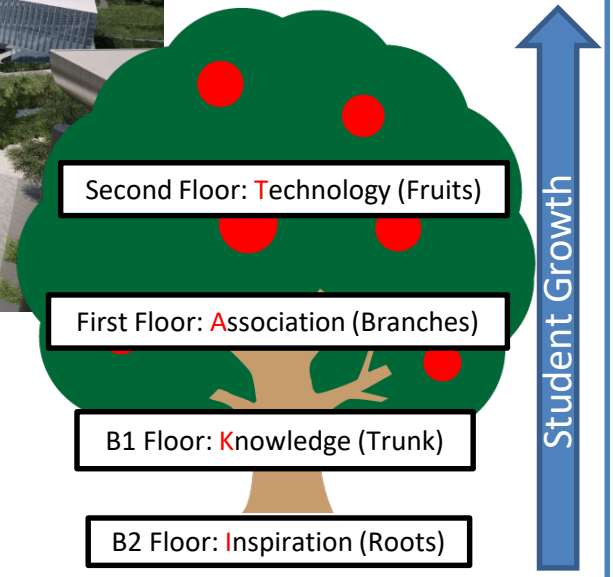
26) Taki Plaza—Where Students Can Connect

Unveiled in November 2020!

Get involved in many activities offered at this new student exchange facility situated in front of the library at Ookayama Campus!

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

Provided by: Kengo Kuma and Associates



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

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

Second Floor: Creative space
Motivated students 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. One-on-one peer tutoring activities (for science and technology courses, languages, writing, etc.)

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.

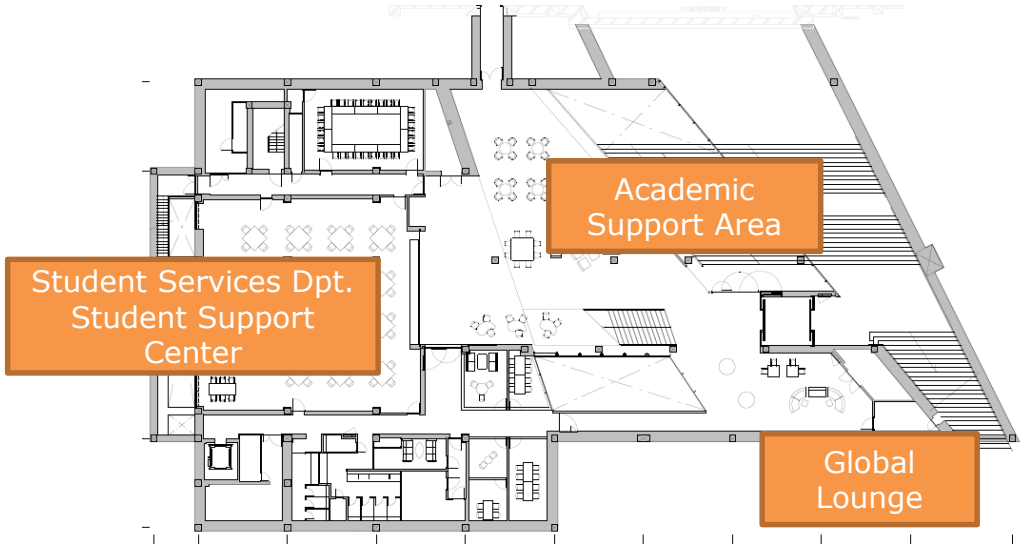
B2 Underground Level

The event space facilitates exchange events between Japanese and international students as well as various student-planned events.
In the kitchen area, you may have opportunities to learn from international students about the cuisines of their home countries.

TPG Room

The TPG room is the office of Taki Plaza Gardener, the student committee that participates in operation of Taki Plaza. The committee has been vigorously involved in all aspects of Taki Plaza and Working diligently to organize events, build a community, and issue free newspapers.

E
The event space facilitates exchange events between Japanese and international students as well as various student-planned events.
In the kitchen area, you may have opportunities to learn from international students about the cuisines of their home countries.

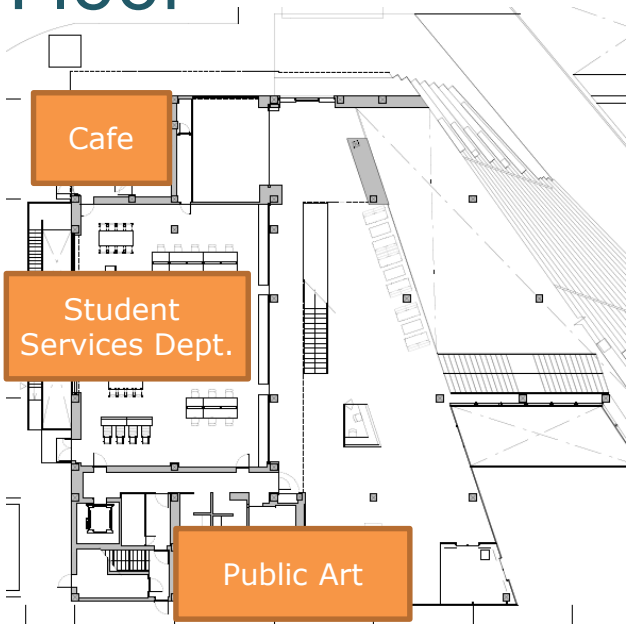


In the academic support area, students can find support and information on academic matters, study-abroad programs, and job searches offered by student life coaches and consultation services.

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

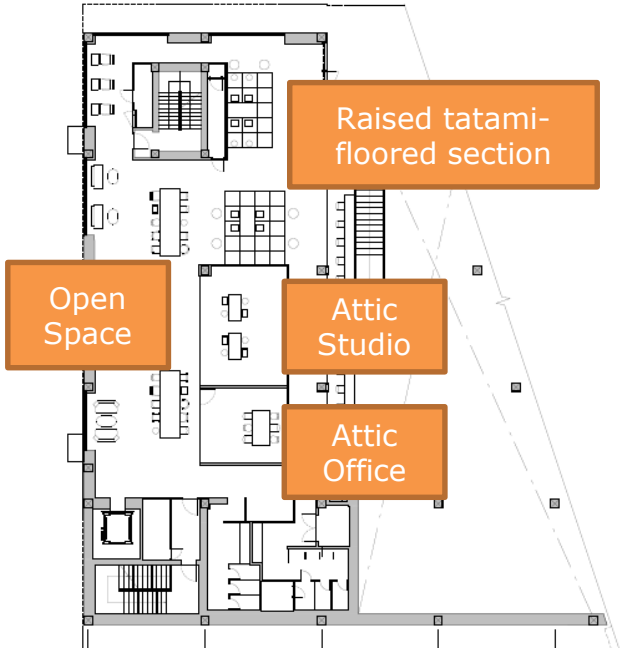
There are also reception desks handling matters concerning extracurricular activities, studying abroad, insurance services, dormitories, career counseling, etc.

The First Floor



At the main entrance, there is a magnificent artwork designed by manga artist Katsuhiro Otomo, who is known as the creator of "AKIRA."
There is a café facing the wooden deck.

In addition, there are reception desks for students who come for administrative or financial support matters.



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

Tokyo Tech students designed the raised tatami platforms and selected the furniture.

The Second Floor

27) Ookayama Campus Individual-Study Rooms

After classes are finished for the day, a number of lecture rooms in each area of the campus are made available for individual study.
(★: These rooms can also be used for group study.)

Lecture Room	East Area (Courtyard Lecture Rooms)			West Area		South Area	Ishikawadai Area	Midorigaoka Area
	H102	★H103	H104	W832	W834	S421	I311	M321
								
Hours	Mon.-Fri., 18:05-19:45 Note: Excludes weekends and holidays, exam periods, and any period classes are not in session.			Mon.-Fri., 18:05-19:45 Notes: Note: Excludes weekends and holidays, exam periods, and any period classes are not in session.				
No. of Seats	48	96	48	39	61	102	66	48

Common Facilities	East Area	East Area	East Area	West Ares
	★Library	★Taki Plaza 2F (long desk by the stairs)	★Taki Plaza B2	★Liberal Arts Library
		 	 	 
Hours	See the library homepage	Mon.-Fri., 8:30-21:00 Sat., Sun. and holidays, 9:00-20:00	Mon.-Fri., 8:30-21:00 Sat., Sun. and holidays, 9:00-20:00 Note: Not available during events.	See the library homepage

Please check the webpage(Current Students > Facilities > Place to Study on Campus) for details.
https://www.titech.ac.jp/english/student-support/students/facilities/study-room

28)Tips for Getting Off to a Good Start

1. Attend the orientation sessions for your major, Liberal Arts Courses, and Career Development Courses.
2. 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/
3. 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/index.php?lang=EN
4. 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/

5. 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).
https://www.titech.ac.jp/english/student-support/students/career/counseling

6. Consider the possibility of studying abroad by perusing the information provided.

・Visit the study-abroad webpage, "Study Abroad Guide." You are advised to go through the webpage if you are interested, even if only slightly, in studying abroad because the webpage provides you information on what kind of programs are available, how to prepare yourself, and so forth. Furthermore, it helps you to make a study plan as you search for programs you wish to participate in by using the "Study Abroad Program Search" function.
https://www.titech.ac.jp/english/international-student-exchange/students/abroad
・Sign up for the international exchange email newsletter. The latest information on study abroad programs, calls for application for scholarships, and other matters will be sent to you on an irregular basis. It takes about one minute to complete the sign up process by filling the request form.
https://www.titech.ac.jp/english/international-student-exchange/students/abroad/information-consultation

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

29) Two-year General Timeline for a Master's Program

(This is made based on a schedule in academic year 2023. Check the Institute website for the exact schedule.)

M1

Apr.	May	Jun.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
・Entrance ceremony ・Course registration for 1Q and 2Q ・K-Meet II (Employment information session sponsored by Kuramae)	・Internship seminars ・Industry research seminar ・Internship at a company	・Quarter-end exams and makeup classes for 1Q	・Quarter-end exams and makeup classes for 2Q ・Study Abroad (short term)	・Course registration for 3Q and 4Q ・Fall Career Guidance		・Quarter-end exams and makeup classes for 3Q ・Career Support Seminars for international students	・Job-hunting seminar ・K-find (Corporate research session sponsored by Kuramae)	・Quarter-end exams and makeup classes for 4Q		・Job-hunting season opens ・K-Meet (Employment information session sponsored by Kuramae)

M2

Apr.	May	Jun.	Aug.	Sept.	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 lecture	・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 presentation, review and final examinations ・Advancement assessments of doctoral program applications (applicable to current M2 students)	・Notification of successful doctoral programs (applicable to current M2 students) ・Graduation ceremony

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

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 Specially offered 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

◆Information regarding internships offered by companies to Tokyo Tech students are stored in files at the Career Information Room. You can also find the information in the Tokyo Institute of Technology Job Offer Search System (in Japanese only).
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.

Congratulations on your Admission to Tokyo Tech!

Please give us your feedback on this session.
Thank you!