AY 2025

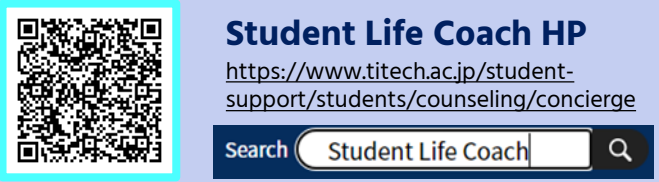
Spring Orientation for Incoming graduate students in Science and Engineering courses

March 2025

Student Success Support Room, Student Support Center
✉ concierge.info@jim.titech.ac.jp

Institute of SCIENCE TOKYO

Student Life Coach HP
https://www.titech.ac.jp/student-support/students/counseling/concierge



March 27 & 29 2025

Contents

Institute of SCIENCE TOKYO

1. About us, the Student Life Coaches

Student Life Coaches

Institute of SCIENCE TOKYO

Help new students successfully adjust to the academic environment

- We offer support to help students with their studies at Science Tokyo 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 visit the Student Life Coach service desk at Taki Plaza or Suzukakedai Library. For details, see the following two slides.
- **Consultation via Email or Zoom:** Please send your name, student ID number, affiliated School or course and topics for consultation by email to the address below. If you wish to have a consultation on Zoom application, please let us know the time and date that work for you by email. We will schedule a meeting at a mutually convenient time.

✉ Please email us at concierge.info@jim.titech.ac.jp

For more information, please visit the Student Life Coach webpage. https://www.titech.ac.jp/english/student-support/students/counseling/concierge

※Student Life Coaches are affiliated with the Student Success Support Room 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 Ookayama Library

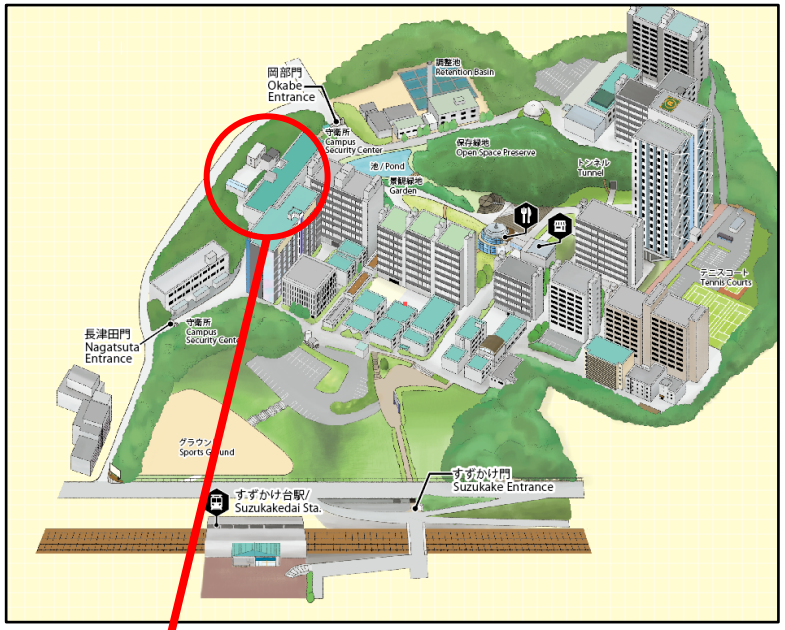
Place : Taki Plaza B1 Floor
Student Support Center

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 weekends, public holidays and school holidays. The office may also close temporarily for events and other unavoidable circumstances.

［Suzukakedai Campus］
Student Life Coach Service Desk in the Suzukakedai Library building



Suzukakedai Library

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

Office Hours : 9:30-16:00
Basically every Tuesday, Wednesday
Closed 11:15-12:15 for lunch
★Please check the opening dates
on Google Calendar before visiting. →

Note: The office is closed on weekends, public holidays and school holidays.
The office may also close temporarily for events and other unavoidable circumstances.

2. When you get the student ID card

1) Get Connected Online

Institute of SCIENCE TOKYO

☐ Campus Wireless LAN

- Before using the Science Tokyo campus wireless LAN, read the usage guidelines and make the necessary settings.
  https://www.noc.cii.isct.ac.jp/wireless/st-guide/

☐ Science Tokyo Software Licensing Service

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

☐ Science Tokyo Authentication System

- This is the login authentication system required to use “Science Tokyo Gmail“, ”Science Tokyo Slack / Box“, etc., which will be introduced in the subsequent slides. Please complete the initial settings.
  https://www.dx.titech.ac.jp/public/st/auth/en/

☐ Science Tokyo Gmail address (@m.isct.ac.jp)

- Each Science Tokyo member is assigned a Science Tokyo Gmail address.
- Use this address during your enrollment in Science Tokyo as a student.
- Check your Science Tokyo Gmail inbox regularly. Important notices will be sent there.
- Read the detailed user guide at the following URL.

https://www.dx.titech.ac.jp/st/gmail/en/　mail/en/

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

- Those who have an IC card for Science & Engineering Field will be provided a Tokyo Tech email address.
- You can automatically forward Tokyo Tech Mail messages to another email address such as your mobile phone.

Please refer to the following URL for more details.

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

☐ Science Tokyo Slack / Box

- Science Tokyo provides the communication tool "Slack" and the storage service "Box" as the institute's information infrastructure for all course students and others.
- The institute is gradually switching from email to Slack / Box for announcements to you, so be sure to check the postings.
- Let's proactively utilize Slack/Box, which enables secure communication and avoids the vulnerabilities of email.
  https://www.dx.titech.ac.jp/st/en/login.html

2) First Things to Check

☐ Graduate School Study Guide 2024

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_2024/English_F/

☐ Orientations for New Graduate Students

Separate orientation sessions will be held for individual courses （such as Entrepreneurship Courses) and for each major, to provide important information for course registration and planning studies. Please check the orientation schedules and be sure to attend all relevant sessions.

3. Graduate Programs

1) Graduate Programs

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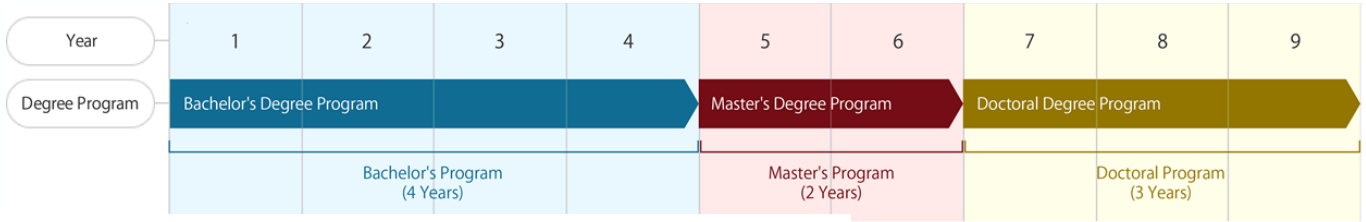
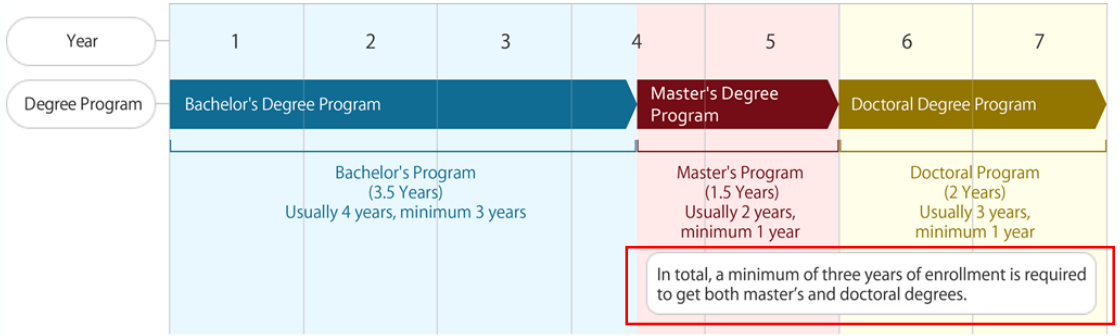
● Durations of Study

- 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

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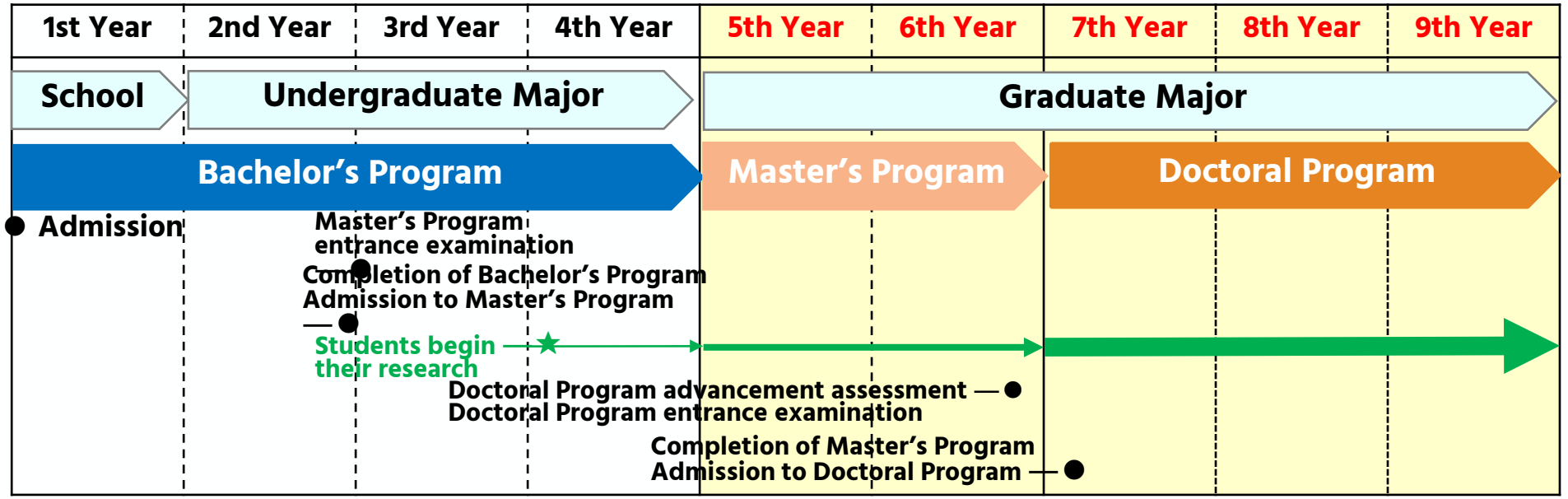
Bachelor's Program (4 Years)　　Master's and Doctoral Programs (5 Years)



Student Numbers as of May 1,

Bachelor's students: 4,771 in total
International students: 4.5%
New enrollments: Approx.

More than 80% advance to a master's program (about 900 every year).

Master's students: 3,910 in total
International students: 20%
New enrollments: Approx. 1,950/year

Close to 20% advance to a doctoral program (about 250 every year).

Doctoral students: 1,655 in total
International students: 46%
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

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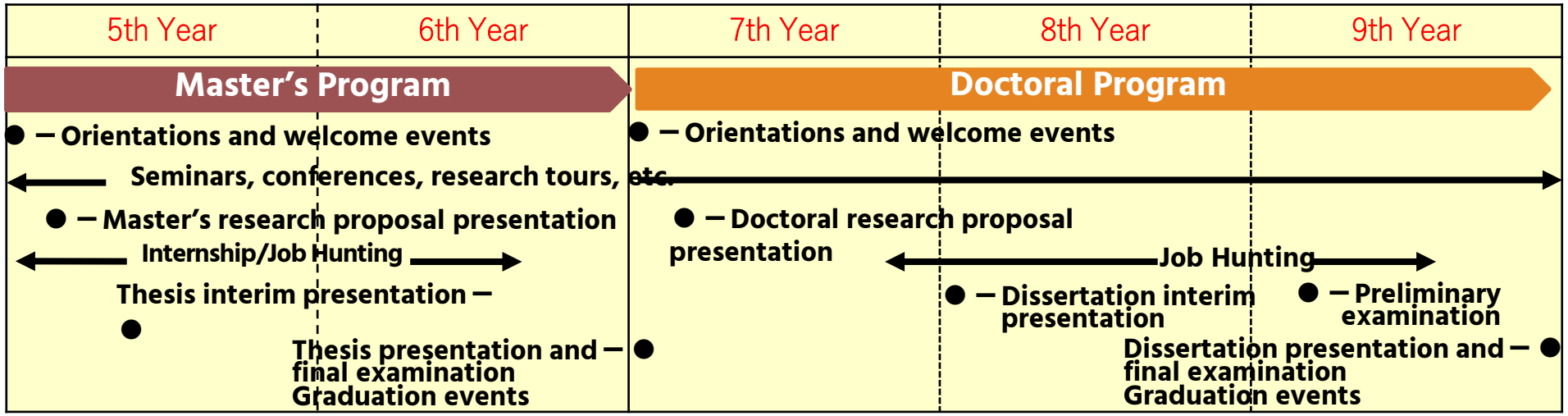
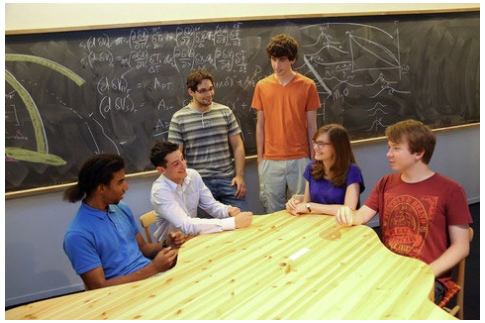
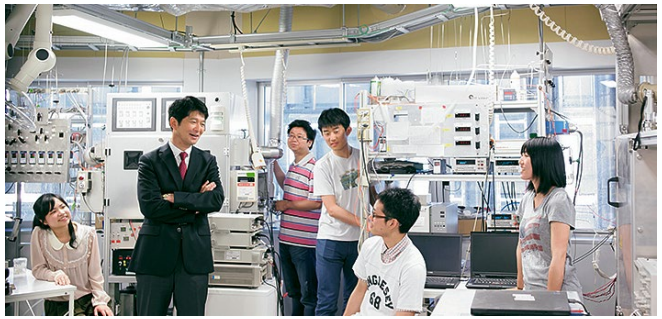




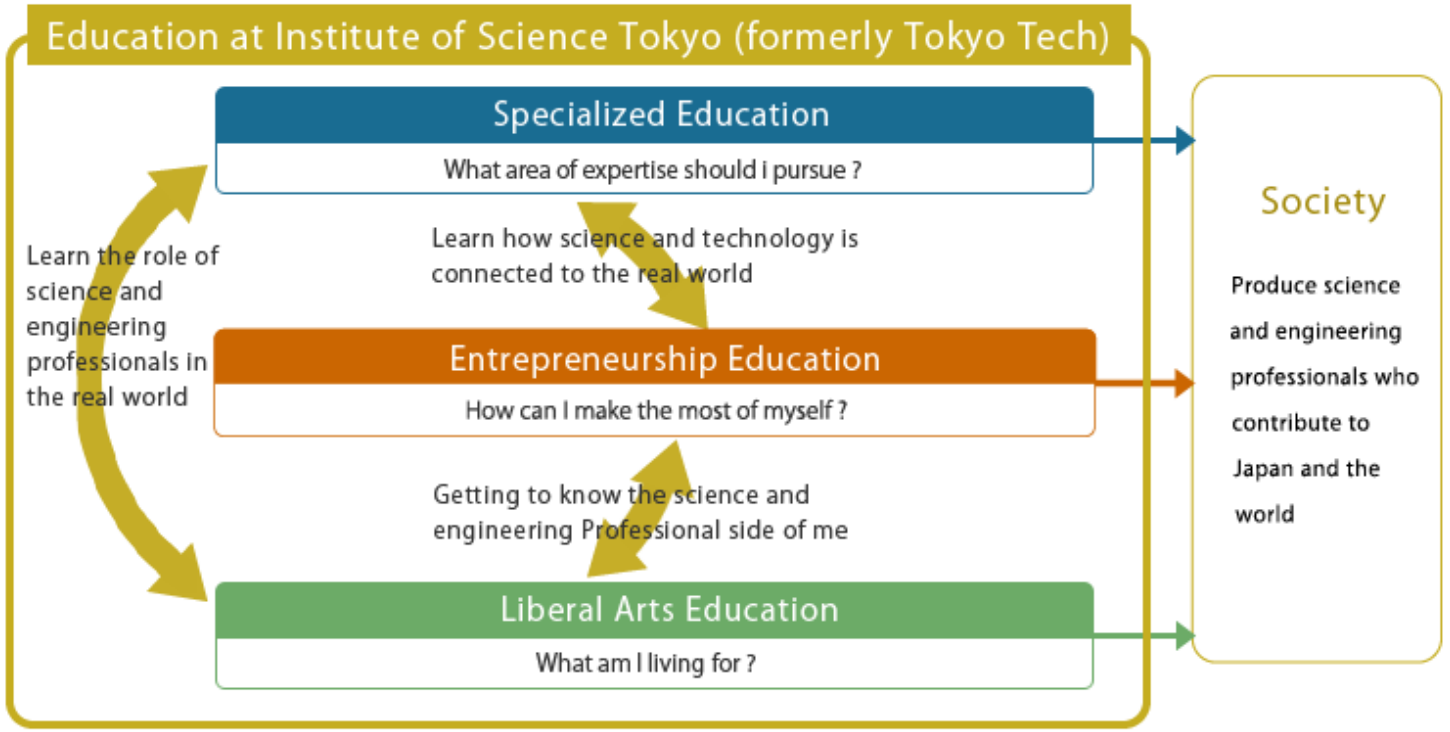


Graduate students are more involved in laboratory research than in classes and lectures.

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.

- **Liberal Arts Education and Entrepreneurship Education at Institute of Science Tokyo (formerly Tokyo Tech)**

  Students will be able to acquire the competencies to contribute to society through a combination of specialized education, liberal arts education, and entrepreneurship education.



What Students Can Do at Science Tokyo

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.

Science Tokyo’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.

2) Curriculum and Completion Requirements for Master's Degree Programs

Institute of SCIENCE TOKYO

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
Entrepreneurship 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.

3) Curriculum and Completion Requirements for Doctoral Degree Program

Institute of SCIENCE TOKYO

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
Entrepreneurship 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.)

4) Advancing to a Doctoral Degree Program

Institute of SCIENCE TOKYO

Advancing from a Master's program at Science Tokyo

※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

4. Institute for Liberal Arts/ Liberal Arts Courses

1) Institute for Liberal Arts/Liberal Arts Courses

The Institute for Liberal Arts (ILA) helps shape the future of Science Tokyo 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 the 21st century, recognize their individual societal roles, possess the willingness and creativity to take action, tackle problems, and achieve goals in order to build a better future society.

Fostering the aspirations of students

Three Unique Aspects of Liberal Arts Education at Science Tokyo

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. Core Liberal Arts Courses

Core 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 Visionary Project, the Liberal Arts Final Report, the Leadership Workshop, and the Cross-Boundary Liberal Arts courses.

3. Teaching and learning together

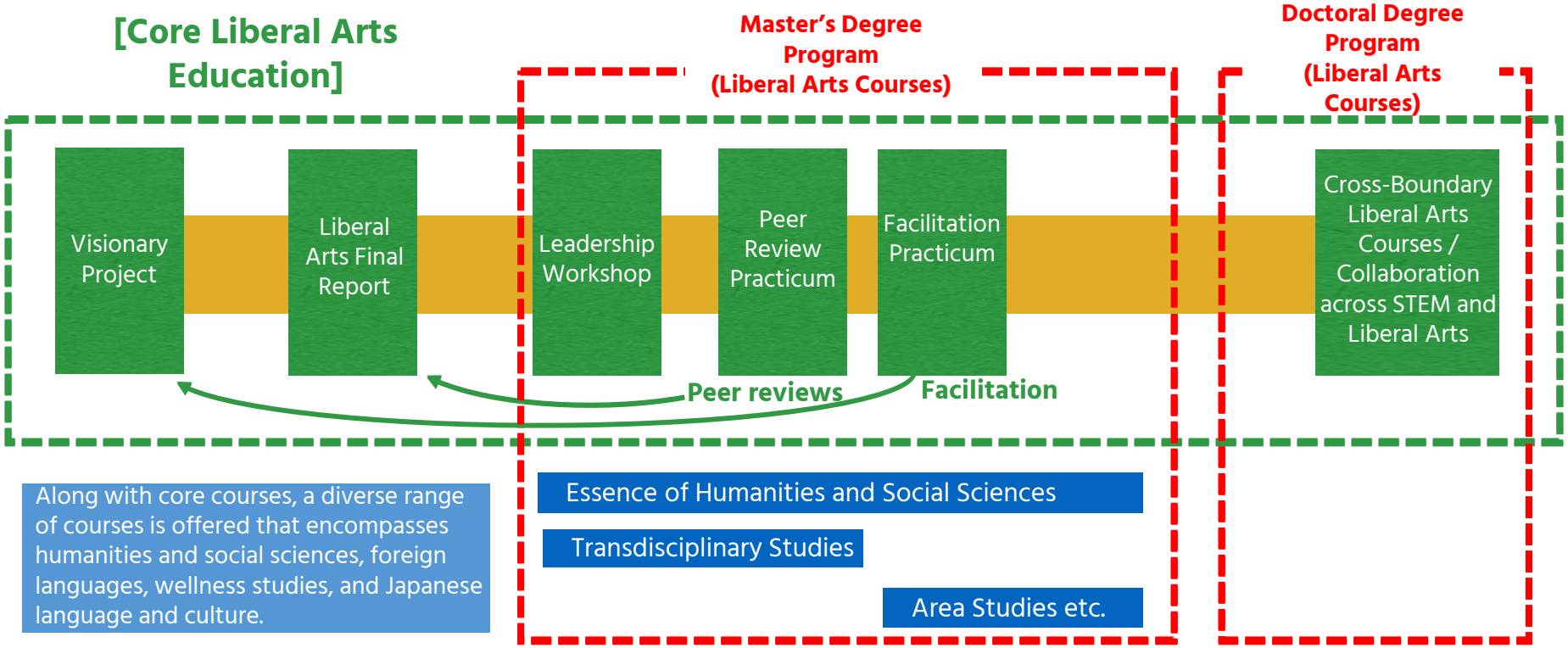
We provide numerous opportunities for group work in which students interact with each other, and develop leadership and facilitation skills.

Liberal Arts Education

(Liberal Arts Courses offered by ILA)

Institute of SCIENCE TOKYO

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 ＞

Institute of SCIENCE TOKYO

Leadership Workshop	Peer Review Practicum	Facilitation Practicum
Students will acquire the leadership skills to lead a team toward a goal while making the most of the abilities of your teammates. For students who pass the exam with the prescribed grades, practical subjects are provided to further improve their skills by making use of the abilities they have acquired.	Through support for writing papers, students will learn the basic knowledge of academic writing and acquire skills to draw out the writer's ideas through dialogue. **Support for those composing their "liberal arts final report"**	After learning facilitation theory and techniques, students will acquire facilitation skills by participating as facilitators in small group classes of the undergraduate course. **Facilitate the "Visionary Project"**

＜ Core Liberal Arts Education for Doctoral Students ＞

Cross-Boundary Liberal Arts Courses	Collaboration across STEM and Liberal Arts
Doctoral students in these courses work with researchers from different fields to make proposals 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.	We will invite guests who are active on the front lines of each field, and we will have research presentations and discussions by the guests, and group work by the students. We will explore new developments and possibilities in convergence science.

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 Core 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 Core Liberal Arts Courses and other liberal arts courses.

- Course sequence (in order of course level)

  Science Tokyo 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 spring, and 3Q or 4Q for students who enroll in fall – 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 after enrollment, i.e., in 3Q and 4Q for students who enroll in spring, and in 1Q and 2Q of the following year for students who enroll in fall.

- Core Liberal Arts Education

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

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

  500-level courses: Facilitation Practicum (1Q)

  To take the Peer Review Practicum and Facilitation Practicum, 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 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.

Q1/Q2 AY 2025 Pre-registration period
for Humanities and Social Science courses:
From 13:00 on Thursday, April 3 to 13:00 on Monday, April 7
For details, please be sure to check the orientation materials and videos for new students on the next page.

*Pre-registration notices will be sent by email. It will be sent to your Institute email address (ending in "m.isct"). Please check the email.

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

● Orientation for Liberal Arts (Humanities and Social Science) Courses for Master's Students ③

Orientation for new students entering in April 2025 will be conducted via online streaming.
All new master's students are required to watch.

【Orientation video streaming period】
Video available from Tuesday, April 1, 2025
【Orientation materials/video content include】
- **Explanation of liberal arts courses**
- **Explanation of the pre-registration system**

「Online Liberal Arts Course Guide」
https://bunkei.ila.titech.ac.jp/

Liberal arts courses adopt a pre-registration system. Unless you follow the pre-registration procedures, you may not be able to register your preferred liberal arts courses. Pre-registration for AY2025 1Q–2Q liberal arts courses will be open from April 3 to April 7.
A detailed information regarding the pre-registration system will be provided during the liberal arts course orientation. Please download and carefully read the orientation materials from the Online Liberal Arts Course Guide website, watch the orientation video, and complete the pre-registration.

Note: There will be no classes for **400-level** (master's level) liberal arts courses on Wednesday, April 9.
400-level liberal arts courses will begin on Wednesday, April 16, after the release of the results of pre-registration requests submitted by new first-year master's students. The first classes for 500-level courses (Wednesday, April 9) and Facilitation Practicum (Monday, April 7) will be held in accordance with the academic calendar. Please note that these courses are not open to M1 students.

● Liberal Arts (Humanities and Social Science) Courses for Doctoral Students ①

Institute of SCIENCE TOKYO

➢ Completion requirements

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

◘ “Cross-Boundary Liberal Arts Courses ” (越境型教養科目) (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 arrangements for absences due to sickness and other unavoidable reasons, please check the course syllabus.

◘ “Collaboration across STEM and Liberal Arts” (文理共創科目) (two credits per course)

※ Students enrolled in or after AY 2022 are not allowed to take one-credit courses.

- These courses will be held across 1Q to 4Q. They'll take the form of research meetings with guest lecturers from outside the university. Respective course schedules may be different from the regular course schedule and timetable. Please make sure to check the course schedule and prerequisites with the course syllabus in advance.

● Liberal Arts (Humanities and Social Science) Courses for Doctoral Students ②

Institute of SCIENCE TOKYO

➢ Enrollment caps and lotteries

(Common to both ”Cross-Boundary Liberal Arts Courses” and "Collaboration across STEM and Liberal Arts")

- 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 the Institute, including results of lottery selections, are sent to your Institute-provided email address (ending in “m.isct”). Make sure to set up your email account promptly and check all messages sent to the email address.

Inquiries: Institute for Liberal Arts *Common to both the master's and doctoral programs

■**Humanities and Social Science Courses** bunkei@jim.titech.ac.jp

■**Liberal Arts Core Courses** core.jimu@ila.titech.ac.jp

Humanities and Social Science Courses website: https://bunkei.ila.titech.ac.jp/

2) Japanese Language and Culture Courses

Institute of SCIENCE TOKYO

- 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 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 improv targeted areas like conversation, kanji, writin entrepreneurship, etc.

- To register for these courses, please refer to Japanese language and culture courses webs and follow the necessary steps:

Students who have higher Japanese fluency than the expected level for these courses are not eligible to register for the courses (including those who have graduated from our institute and other universities in Japan).

Japanese Language and Culture Courses for Graduate Students

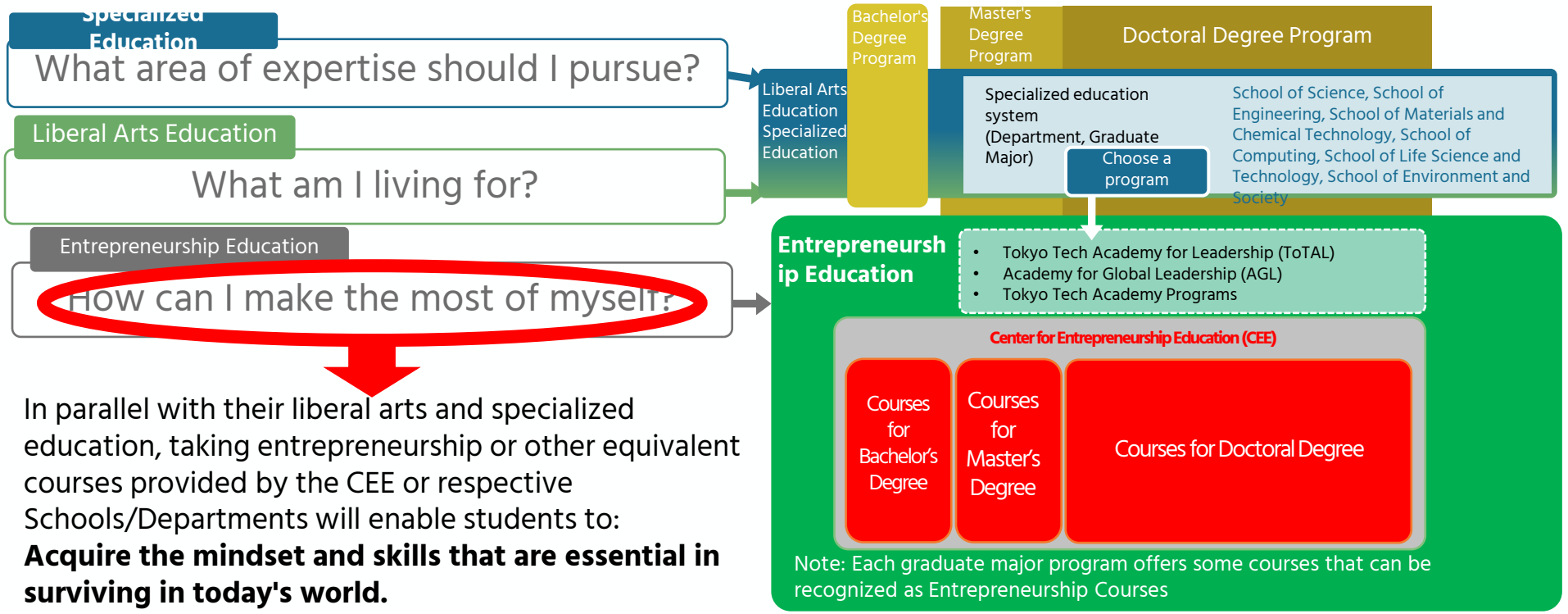
Basic		Pre-Inter	Intermediate			Pre-Advanced
B1, B2	B3, B4	I1, I2	I3, I4	I5, I6	I7, I8	U1 ~ U8
REGULAR COURSE						
400Lv	400Lv	400Lv	400Lv	500Lv	500Lv	
Basic Japanese 1,2	Basic Japanese 3,4	Intermediate Japanese 1,2	Intermediate Japanese 3,4	Intermediate Japanese 5,6	Intermediate Japanese 7,8	
SPECIFIC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

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

5. Entrepreneurship Courses

1) Entrepreneurship Courses

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



In parallel with their liberal arts and specialized education, taking entrepreneurship or other equivalent courses provided by the CEE or respective Schools/Departments will enable students to:
Acquire the mindset and skills that are essential in surviving in today's world.

【Definition of "Entrepreneurship" at Science Tokyo】

In order to live in global society in the "era of VUCA" (volatility, uncertainty, complexity, and ambiguity)*, along with one's field of expertise, it is necessary to have mindset and skills to develop and create new values and then to implement them in the real world. At Science Tokyo, 'entrepreneurship' is like a computer's operating system; a 'system of actions' is required regardless of the student's career path.

* The world of today is called the "era of VUCA", where the current society is facing complicated challenges related to globalization, environment due to the rapid development of science and technology.

Details of Mindsets and Skills to be Acquired

Institute of SCIENCE TOKYO

Through entrepreneurship education, Institute of Science Tokyo (formerly Tokyo Tech) expects students to develop the following mindsets and skills.

Foresight, Global Competencies, Leadership, Value Creation, and Career Development

Foresight	**Leadership**
Have a clear vision of a better future for society based on scientific and technological developments	Demonstrate leadership in building consensus among different stakeholders by recognizing hidden assumptions, respecting diversity and expressing subjective opinions based on their own values.
Global Competencies	**Value Creation**
By understanding the essence of global issues and their relationship with oneself, and through collecting, analyzing and elucidating, one should be able to make proposal for solution. Further, one shall be able to equip with collaborative skills with one(s) with different background (culture, custom, and language, etc.) based on respect and mutual understanding.	Based on insights into essential issues in their own area of expertise, they create new value by repeatedly proposing solutions, implementing them and verifying them from multiple perspectives. They also increase the probability of the process, bring it to fruition in the real world and achieve it with a sense of purpose.
	Career Development
	Find role models as references for their future and develop their future careers. Basic knowledge required for success in society, including industry and company analysis, organizational financial accounting, laws, standards and other regulations, entrepreneurship, ethics and SGDs. Social skills such as self-understanding and self-presentation, communication, critical thinking, writing, problem-solving and leadership.

● Entrepreneurship Education Core (Required) for Master's Students

Institute of SCIENCE TOKYO

➢ Required credits and Graduate Attributes (GAs)

- Students must attain at least two credits from the Entrepreneurship Courses provided by CEE or equivalent courses specified by their department to fulfill the requirements of their master's degree.
- Each course is assigned one of the two or both of the GAs below (GA0M, GA1M).
- Students must fulfill both of the GAs by acquiring two or more credits from these courses. For example, by taking a course that is assigned both GA0M and GA1M, the GA requirement will be fulfilled. On the other hand, by taking a course that is assigned neither of the two GAs, students will be awarded credit(s) but the GA requirement will not 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 in the Master's level Entrepreneurship courses

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 acquire the knowledge, skills, ethics, and entrepreneurship necessary for realizing your planned career and contribute to societal problem-solving while collaborating with other experts.

➢ 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.

● Entrepreneurship Education Core (Required) for Doctoral Students

Institute of SCIENCE TOKYO

➢ Required credits and Graduate Attributes (GAs)

- Students must attain at least four credits from the Entrepreneurship Courses provided by CEE or equivalent courses specified by their department to fulfill the requirements of their doctoral degree.
- Each course is assigned one of the two or both of the GAs below (GA0D, GA1D).
- Students must fulfill both of the GAs by acquiring four or more credits from these courses. For example, by taking a course that is assigned both GA0D and GA1D, the GA requirement will be fulfilled. On the other hand, by taking a course that is assigned neither of the two GAs, students will be awarded credit(s) but the GA requirement will not 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 in the Doctoral-level Entrepreneurship courses

GA0D: You can clearly plan your own career and contribute to realizing scientific, technological, or social innovation through a comprehensive understanding of the knowledge, skills, social responsibilities and ethnic 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, entrepreneurship, knowledge and expertise, and by developing social responsibility necessary for materializing your designed career.

➢ Study plan

- Students are advised to take courses corresponding to GA0D in the early period of the 1st year of their doctoral studies, and those corresponding to GA1D in later 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 this fellowship, you should take this course.

Steps to Take Entrepreneurship Courses

(For Both Master's and Doctoral Students)

The unique course code for the entrepreneurship courses offered by CEE starts with "ENT."

1. Check completion requirements regarding entrepreneurship courses for your major.

Please see the "Guide to Graduate Majors" section of the "Graduate School Study Guide" to check the details about completion requirements for your major.

1.Graduate School Study Guide

2. Check what kind of entrepreneurship courses are available

- See the "Liberal Arts and Basic Science Courses" section of the "Graduate School Study Guide" to check the entrepreneurship courses offered by CEE.
- See the "Guide to Graduate Majors" section of the "Graduate School Study Guide" to check the entrepreneurship 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

Portal site and Systems Required for Learning → Science & Engineering Portal (formerly Tokyo Tech Portal) → Tokyo Tech Portal → Web System for Students and Faculty →Schedule

3. Portal site and Systems Required for Learning

Inquiries (for master's and doctoral students):

Center for Entrepreneurship Education (CEE)

https://www.cee.titech.ac.jp/index01.html

info@cee.isct.ac.jp

Materials explaining the outline of the Entrepreneurship courses, how to enroll, and other related information for incoming graduate students will be made available on the CEE website above.

2) Advanced Entrepreneurship Education (Optional)

In addition to the required Entrepreneurship Education Core, two options (as of April 2025) are also available for those who are interested in advanced learning.
Please visit the CEE website for details : https://www.cee.titech.ac.jp/index01.html

➢ Global Education Option (GEO) for Master's Students

Students who wish to specifically strengthen their global competencies in entrepreneurship education can fulfill the requirements for the Entrepreneurship Education Core (Master's Program) by acquiring at least two credits from the GA courses and five or more credits from the corresponding GEO courses. In doing so, they will fulfill the GEO completion requirements, gain international experience through study abroad, and improve their foreign language skills.

We will explain more about GEO at GEO New Student Orientation.
Date and Time: April 16 (Wed) 17:40~
Venue: Please check the website on the right.

➢ Entrepreneurship Education Plus for Doctoral Students

Those who have acquired the required four credits from the Entrepreneurship Education Core (for doctoral students), and two or more credits from entrepreneurship or equivalent courses will be awarded the completion certificate of the Entrepreneurship Education Plus for Doctoral Students.

6. Graduate Minor and Progressive Graduate Minor Program/DS & AI Program/ Graduate School Cross-disciplinary Courses

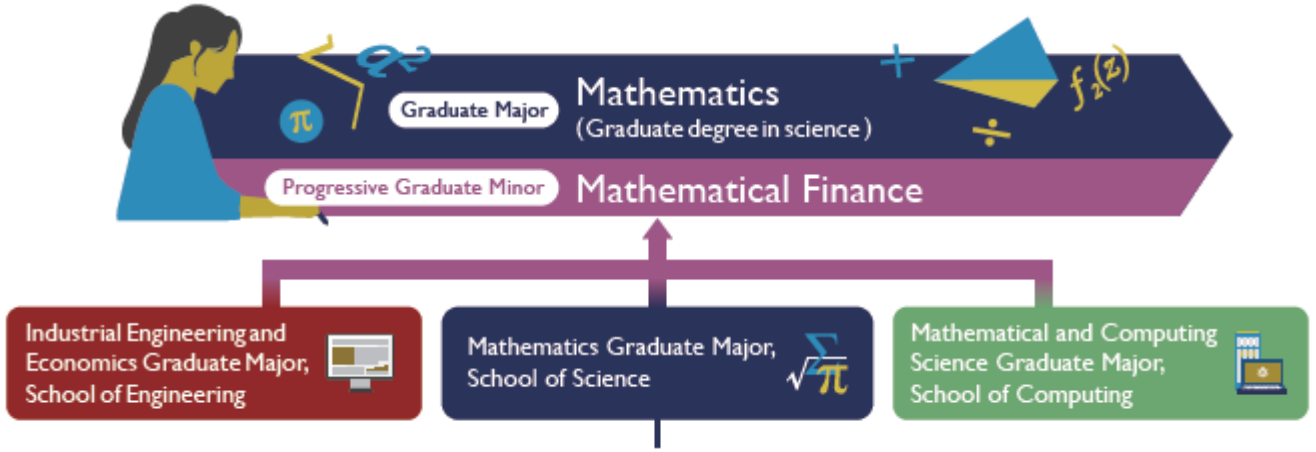
1) Graduate and Progressive Graduate Minors

Institute of SCIENCE TOKYO

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

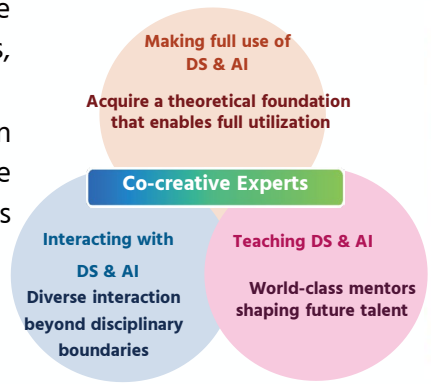


For the Mathematical Finance Graduate Major, the Department of Mathematics provides courses specifically designed for Mathematical Finance in addition to courses in Mathematics (i.e., courses for the Mathematics Graduate Major).

2) University-Wide Education Program in Data Science and Artificial Intelligence

Institute of SCIENCE TOKYO

In today's fast-paced digital transformation (DX) world, data science and AI constitute indispensable knowledge and technologies in diverse areas such as social dynamics, industry, and R&D. Center for Data Science and Artificial Intelligence Education provides a University-Wide Education Program that aims to cultivate **"Co-creative Experts"** who can (1) make full use of DS & AI, (2) interact with DS & AI, and (3) teach DS & AI, by offering the most advanced data science and AI (DS & AI) knowledge and technologies across disciplines and systematically, **beyond the field each student is specialized in**.



Registration to Expert Level and Expert Level Plus requires an application.
If you aim to become **"Co-creative Experts"** who creates value for society through DS & AI, visit the URL：https://www.dsai.titech.ac.jp/en/program/

Expert Level structure

Fundamentals courses

- Fundamentals of (Progressive) DS
- Fundamentals of (Progressive) AI

1 credit for each

- Exercises in Fundamentals of (Progressive) DS
- Exercises in Fundamentals of (Progressive) AI

1 credit for each

Applied and Practical courses

- (Progressive) Applied and Practical DS and AI Ⅰ～Ⅲ

1 credit for each

Co-creative courses

- Internship A～C (DS&AI)

1 credit for each

For more information on courses and completion requirements,
visit the URL：https://www.dsai.titech.ac.jp/en/program/expert/

Students will receive an open badge upon completion of the program

Expert Level Plus structure

(Progressive) Advanced DS and AI I — 1 credit

In addition to the knowledge acquired in the fundamental AI courses, students will experience in-depth learning on advanced and latest AI theories and technologies.

(Progressive) Advanced DS and AI II — 1 credit

The course will cover a wide range of important DS theories and techniques that are not included in the fundamental DS courses.

(Progressive) Advanced DS and AI III — 1 credit

Students learn AI Ethics in the Information Society, information legal system, and technologies to realize responsible AI.

(Progressive) Advanced DS and AI IV — 1 credit

To develop leaders in various fields, students learn the fundamentals of using DS & AI in business.（Opened in AY2025）

The new courses 'DS&AI Doctorial Forum 1-3' are also provided. For more information on courses and completion requirements, visit the URL below.
https://www.dsai.titech.ac.jp/en/program/expert-plus/

Students will receive an open badge upon completion of the program

Center for Data Science and Artificial Intelligence Education https://www.dsai.titech.ac.jp/en/

3) Graduate School Cross-disciplinary Courses (spring semester FY2025)

List of the courses:

https://science-tokyo.app.box.com/file/1798789725029?s=zpg3vwc7e2dkz0vbdxttnpc25gqg73cj

7. Specially Offered Degree Programs for Graduate Students

1) Academy for Leadership (ToTAL)

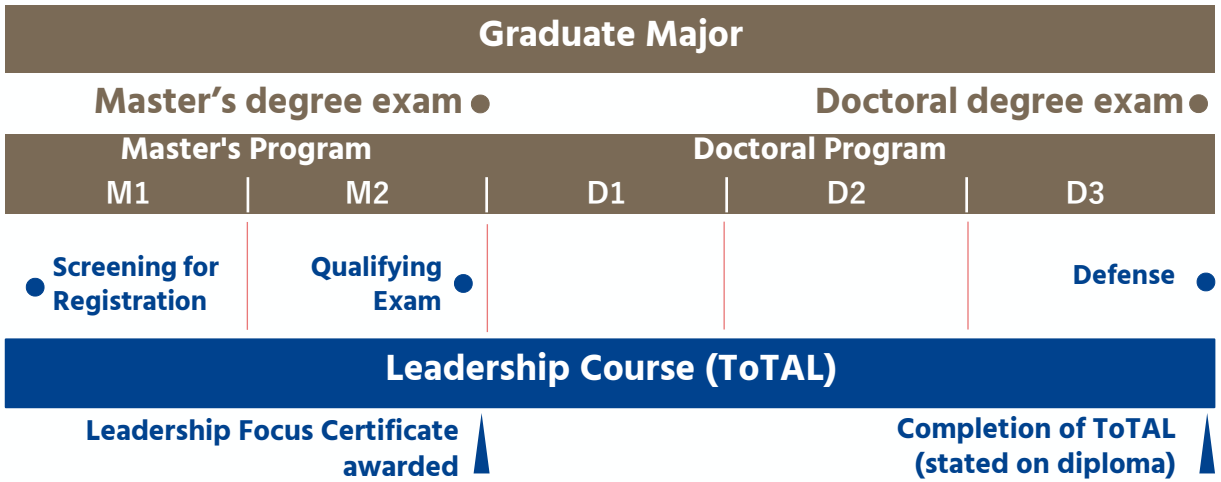
Institute of SCIENCE TOKYO

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.
If you do not complete your doctoral degree program, completion of the ToTAL program will not be authorized.

Academy for Leadership (ToTAL) Curriculum outline

Institute of SCIENCE TOKYO

BRIEFING SESSIONS

Tuesday, April 15, 17:30 – 18:30
(In Japanese, S2-202, Ookayama Campus and online)

Thursday, April 17, 17:30 – 18:30
(In English, J2-305, Suzukakedai Campus and online)

*This will be the final round of applications for this program.
*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.)
Note: Financial support after April 2028 is to be decided.

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).





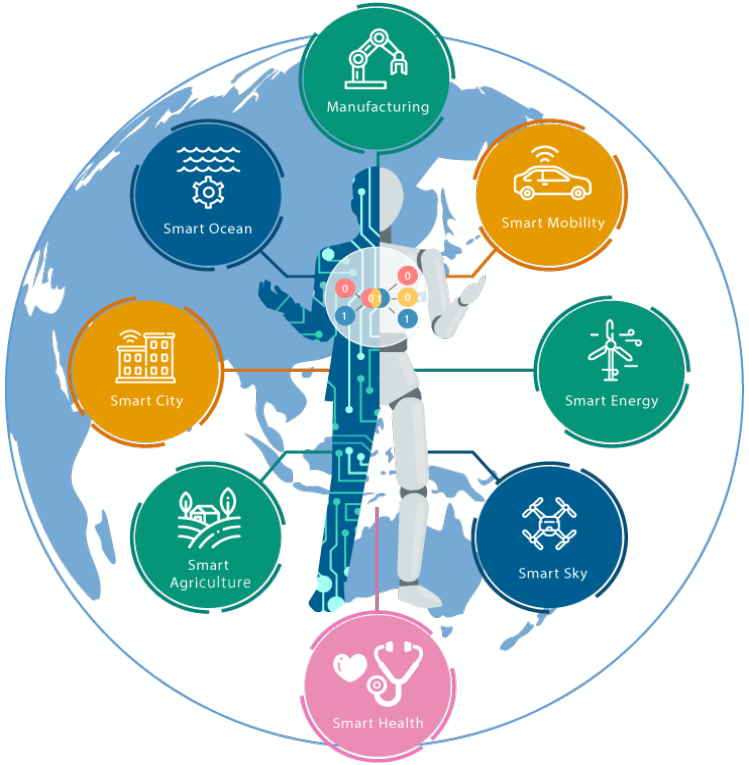
Academy for Leadership (ToTAL)
http://www.total.titech.ac.jp/en/

2) WISE for Super Smart Society

Make core skills rooted in Quantum Science & Artificial Intelligence available to all academics

Encourage original research spanning the domains of cyber and physical space

Enhance the big picture from quantum science to Super Smart Society

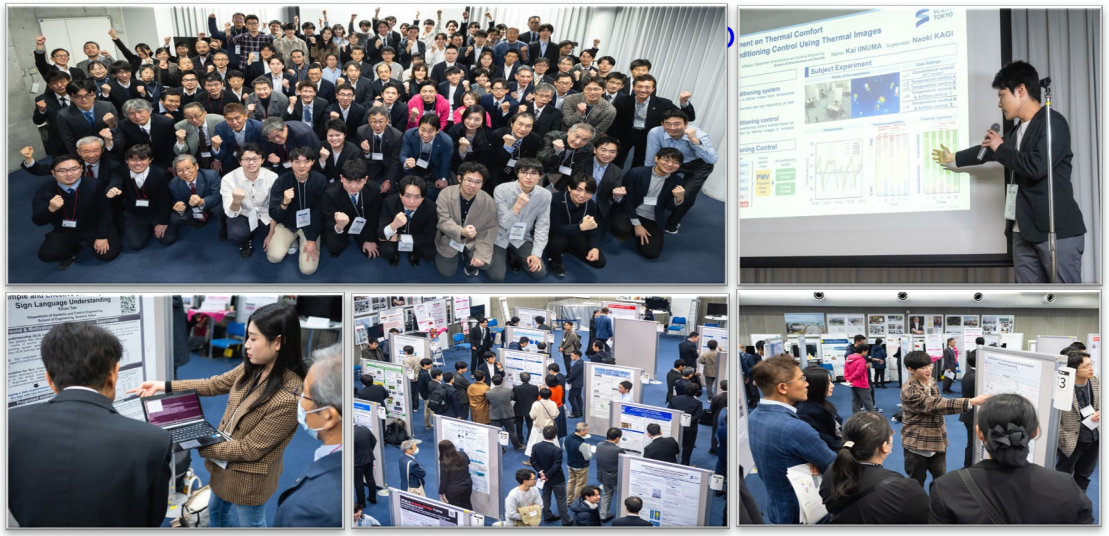


Innovate interdisciplinary research to create Super Smart Society

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)

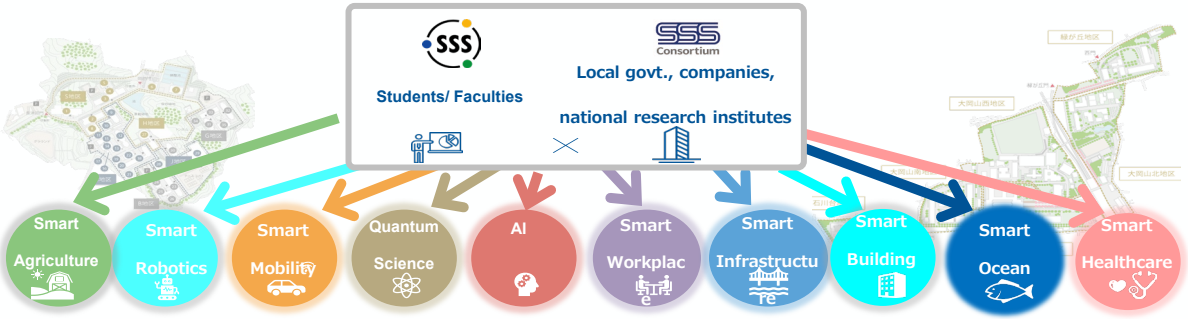


new perspectives and ideas can be gained and has also led to joint research.

Super Smart Society Promotion Consortium partners →

Intensive practice for interdisciplinary research planning

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

Institute of SCIENCE TOKYO

"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 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 supports 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 Academy of Super Smart Society:
https://www.wise-sss.titech.ac.jp/en/admissions/support/

3) 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

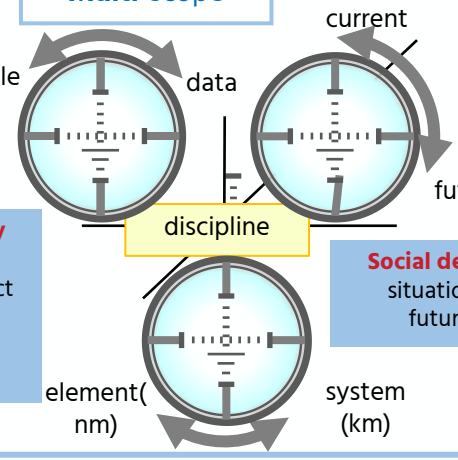
Big Data Science Scope
(AI analysis + data science)
Principle
↕
big data

Multi-scope

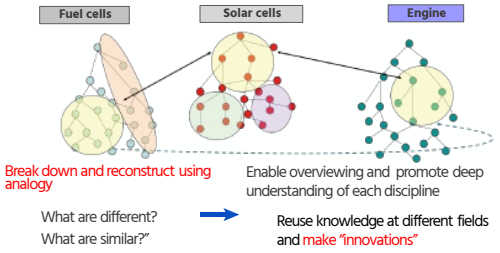
Big Data Science Scope
→AI analysis + data science

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

Social design scope
situation analysis + future vision



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



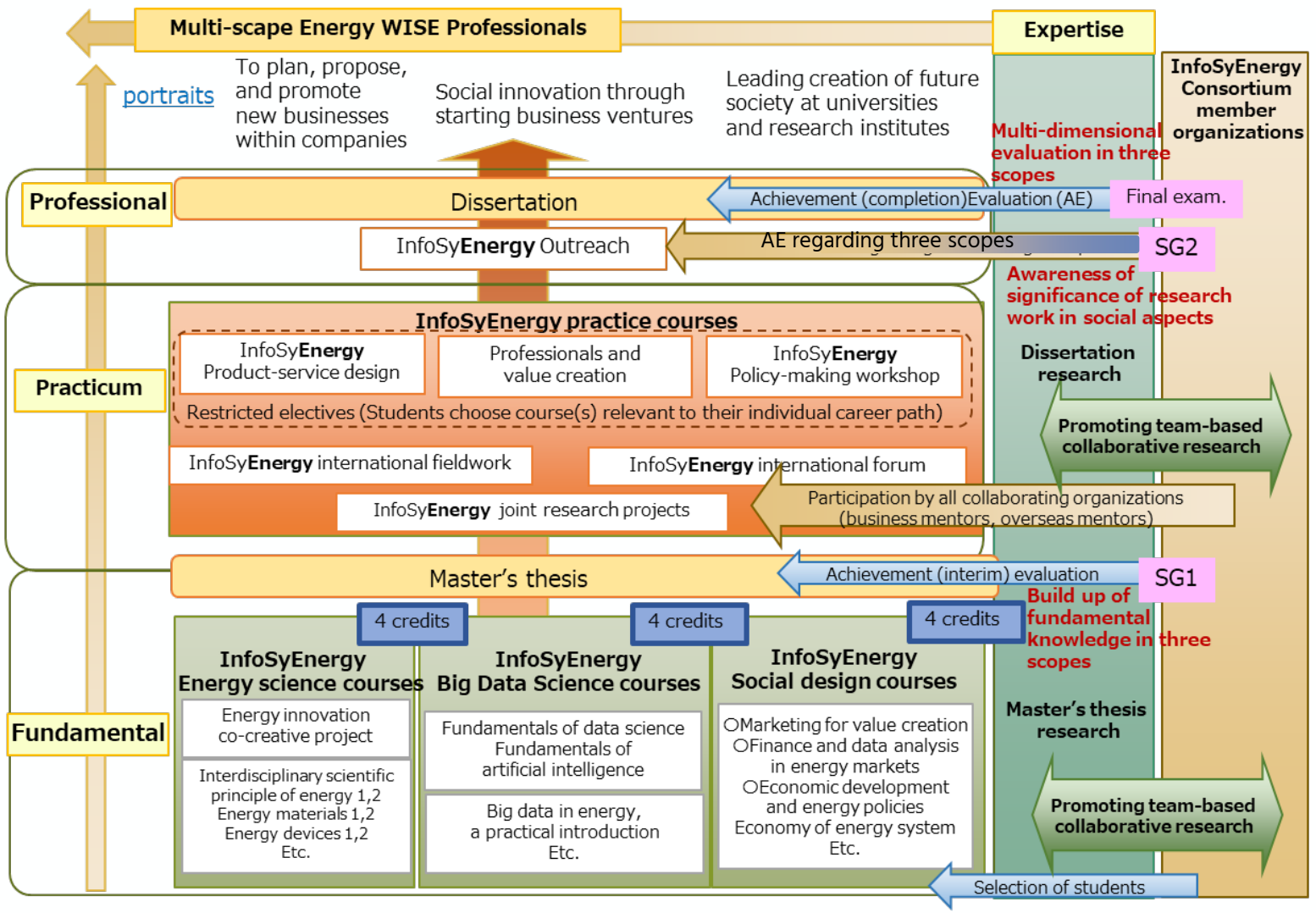
- Principles extracted from the trends by big data analysis
- Trends in the big data understood through principles

Academy of Energy and Informatics

Multi-scope

Multi-scope・Energy WISE Professionals are experts 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

Academy of Energy and Informatics

③ Financial Support for ISE Program Students & Selection of Students

Institute of SCIENCE TOKYO

➢ Financial Support for Students Enrolled in the ISE Program

- Provide support (grant) of up to 2.53 million yen per year to doctoral degree students who are recognized as having high research ability and potential. The amount include the Tsubame scholarship (480,000 yen/year) 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 "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

✓ Targets : Master's degree program students, Professional Master's degree students, and Doctoral degree program students

✓ Selection : Students who wish to enter the ISE program must pass the following two screenings.

<2 stage selection>

1. **Initial screening** (selection of ISE Candidate student) : 2 Times / Year (April, October)
2. **Final screening** (Selection from ISE-Candidate student to ISE students): 2 Times / Year (Spring~, March~)

※Please check our website for more details.

Academy of Energy and Informatics

4) Graduate Major in Materials and Information Sciences

In order to foster outstanding individuals, the Institute established the Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI) in April 2019 under the auspices of MEXT's WISE Program.

The TAC-MI program is a seamless educational program provided throughout graduate learning, which aims to empower students to become multitalented individuals capable of promoting creative, interdisciplinary research in materials science and informatics.

In April 2025, the TAC-MI program will be further developed, and a **new interdisciplinary graduate major for doctoral students** "**Materials and Information Sciences**" will be established.

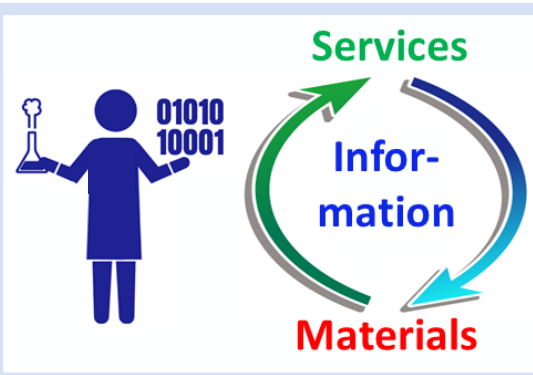
In this graduate major, we provide practical education with an eye on social services in collaboration with partners from industry, and will enable students to connect information and materials by utilizing information science and multifaceted thinking, as well as by taking a broad perspective. **We will also offer the scholarship and RA salary that helps students enrolled in this graduate major** to be financially independent and allows them to concentrate on their studies.

① Objectives

[Material × Information] Multitalented Individuals Development

Our society seeks industrial innovation that makes a sustainable future possible.
It will be enabled by **multitalented individuals** capable of generating new ideas by leveraging academic expertise in materials and information, using the unique Japanese *monotsukuri* mindset.
We aim to cultivate **multitalented individuals** capable of promoting unique, interdisciplinary research in materials and information technology.

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



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

② Features

Develop outstanding doctoral students needed by society

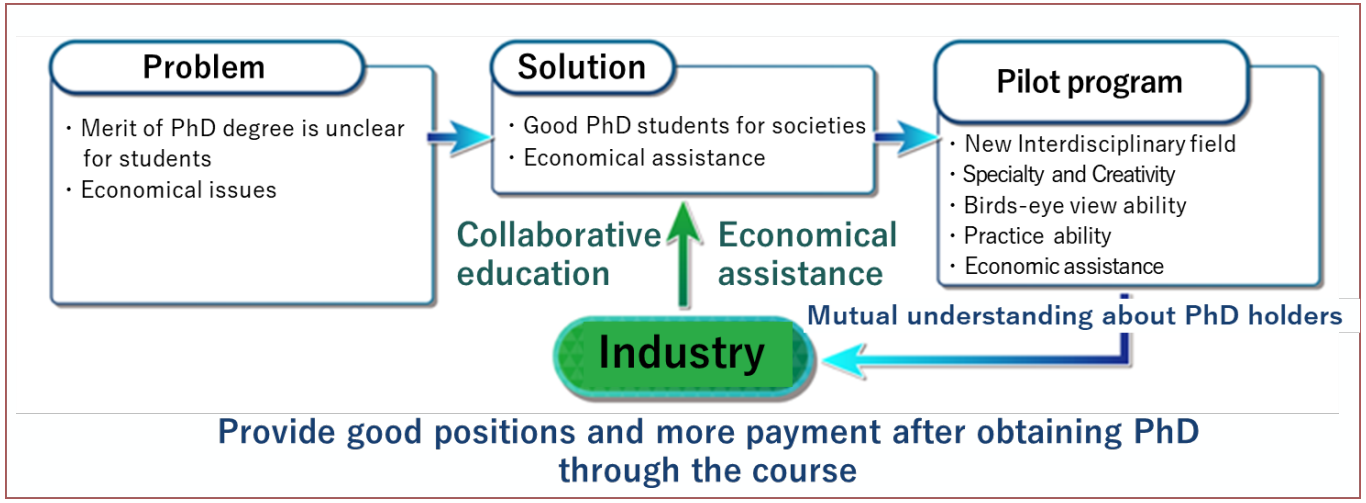
In collaboration with partners from industry, We will develop outstanding doctoral students needed by society.

We will actively accept support from industrial member companies in order to provide education and financial support to students to cultivate their creativity, broad perspective, practical ability, and global leadership.

On the other hand, industrial partner companies can make opportunities for their researchers to join lectures and exercises.

After the presentations, students conduct interviews with their industrial mentors and receive advice on research, career paths, and other topics.

Presentation at the interim report with participants from various research fields



Science Tokyo Original Practice School in Materials Informatics

Faculty members and students work together at a company for 6 weeks. Together, they collect a large volume of information from across the company and solve its most pressing problems by utilizing students' knowledge and experience obtained during their studies at this program. A prerequisite is that students must acquire the necessary knowledge and skills. The experience of making proposals to solve company's latest critical issues within a fixed period strongly helps research for doctoral thesis.

③ Financial support for students

We will also offer the scholarship and RA salary that helps students enrolled in this graduate major to be financially independent and allows them to concentrate on their studies.

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

- **Up to 2,480,000 yen per year will be provided in total by Scholarship and Science Tokyo Tsubame Scholarship etc.**

(2) Financial Support For JSPS DC1/DC2, MEXT Scholarship foreign students, Students selected for "Science Tokyo SPRING" or "Science Tokyo BOOST":

Interdisciplinary graduate major for doctoral students "Materials and Information Sciences"

This graduate major is a further development of the curriculum of the TAC-MI program.

If you wish to enroll in this graduate major, please apply for the eligibility screening during the master's program.

First-year master's students can also apply for the eligibility screening.

For more information, please visit TAC-MI website.

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

＊The enrollment examination for the TAC-MI program ended in AY2023.

5) Briefing Sessions

Check the Academy's website for the latest information.

1. Academy for Leadership (ToTAL) program

ToTAL is accepting applications for AY 2025. (This will be the final round of applications for this program.)
For details, attend a briefing session on April 15 or April 17.
Visit the ToTAL website for more information.

https://www.total.titech.ac.jp/en/briefing/
E-mail: total.jim@total.titech.ac.jp

2. Academy of Super Smart Society (WISE-SSS) program

WISE-SSS admits students twice a year, for the spring and fall semesters, though in some cases there may be additional opportunities to enroll.
The student application briefing session for Fall 2025 is scheduled to be held on 23rd April 2025. Attend a session and gather information on how to enroll in the Academy.
Check the website for more information.

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

Institute of SCIENCE TOKYO

3. Academy of Energy and Informatics (ISE) program

ISE selects “candidate students” twice a 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.

We have scheduled briefing session to learn about the selection process **on Monday, April 7 and Wednesday, April 9, both from 12:30-13:30.**

Pre-registration is required. Please visit our website for more information.

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

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

4. Graduate major in Materials and Information Sciences

A new interdisciplinary graduate major for doctoral students, “Materials and Information Sciences,” will begin accepting students in April 2025.

Students wishing to enroll in this major must undergo an eligibility screening prior to entering the doctoral program. Applications for the eligibility screening can be made from the first year of the master’s program.

A briefing session for the Graduate Major in Materials and Information Sciences is scheduled to be held on **Wednesday, April 16, 2025**.

For further details, please visit TAC-MI website and direct any inquiries to the email address below.

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

E-mail : tac-mi@jim.titech.ac.jp

8. Financial Support

1) Financial Support

Institute of SCIENCE TOKYO

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 Science Tokyo. However, there is a maximum number of working hours.

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

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

Enrollment fee
Students who meet the following conditions may apply for an exemption from half of the enrollment fee or postponement of the payment
- Students recognized as excelling at their studies but who are in financial difficulty and cannot make payments.

Note: Students who complete a master's program at Science Tokyo in the fall semester and enter a doctoral program in spring are exempt from paying the enrollment fee again.
Tuition fee: Students who meet the above conditions may also apply for an exemption from all or half of the tuition fee, or postponement of the payment.

For details, visit the Science Tokyo website.

Financial Support

3. Scholarships

(1) 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.

(2) Science Tokyo Tsubame Scholarship for Doctoral Students

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

Available to doctoral students in the School of Science and Engineering (as of 2024)
Note: Eligibility restrictions apply
Scholarship amount: ¥480,000 per year (for the second year and after, ¥480,000 or ¥635,400 per year)

For details, visit the Science Tokyo website.

2) 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. In addition, fellows can, in principle, receive an annual research fund of up to 4.5 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, 2026 will open in mid-February 2025.

If you are selected as a JSPS Research Fellow (DC1, DC2), you will be fully exempt from tuition fees during the period of your scholarship.
This system is unique to Science Tokyo, and does not apply to students enrolling in graduate programs at other schools.

Fellowship categories

DC1

Applicants must be equivalent to a first-year doctoral student (with less than 12 months in the doctoral program) at the beginning of the fellowship*

DC2

Applicants must be equivalent to a second-year doctoral student or higher (with a minimum of 12 months and less than 36 months in the doctoral program) at the beginning of the fellowship*

(*April 1, 2026 for the AY 2026 fellowship)

Screening is performed for each category. (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)

Institute of SCIENCE TOKYO

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 up to 4.5 million yen in research expenses per academic year during their fellowships.
These funds can only be used to conduct research because subsidies are for research purposes. Submit a research plan document to apply. (Only JSPS Fellows who apply for the grant at the time of their application for the fellowship are eligible to receive it.) The actual grant amount will be determined following an evaluation of the research plan.

There are restrictions for receiving the payment. Research fellows must carefully check the compliance requirements in advance.
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

https://www.jsps.go.jp/english/index.html

JSPS survey excerpted results (as of April 1, 2023)
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)

Institute of SCIENCE TOKYO

The next round of applications will be for the 2026 academic year. Official guidelines have not been released yet, but a typical schedule is included below for reference.

Early February 2025	**JSPS releases application guidelines**
Mid-April 2025	**JSPS begins accepting applications through its e-application system**
Mid-May 2025	**Internal deadline for applications**
October 2025	**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 2026	**Second selection results come out** (Those informally accepted, those wait-listed, and those not accepted)
February 2026	**Successful waitlisted applicants announced**
April 1, 2026	**Fellowships begin**

・Science Tokyo 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 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

Institute of SCIENCE TOKYO 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,
Institute of SCIENCE TOKYO.
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@adm.isct.ac.jp

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

9. Study Abroad, Language and Writing Support

1) Study Abroad

● Global Education Division

At Global Education Division(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 Science Tokyo webpage or 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 Science Tokyo 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 Science Tokyo 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

2) Learning Foreign Languages

Institute of SCIENCE TOKYO

- Foreign Languages 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.

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., U.S., and/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.

- Foreign Languages 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.

3) Nihongo Space

Institute of SCIENCE TOKYO

Nihongo Space is offering support and space for activities such as conversation practice, personal tutorials (consultation on writing and advice on studying Japanese), and Japanese self-study table.

Venue:	Day and time:
Ookayama Campus: International Student Lounge at West Bldg.1	Every Wed. and Thu. (12:40-14:00)
Suzukakedai Campus: G1-116	Details to be posted on our webpage below


Conversation Practice


Personal tutorials

- **Conversation practice**

You can practice Japanese conversation with Language Partners who are students of Science Tokyo supporting this program.

- **Personal tutorials**

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

- **Japanese self-study table**

You can join Japanese self-study table for previewing and reviewing Japanese lessons, as well as for other Japanese study purposes.

You can find more details on our webpage: https://js.ila.titech.ac.jp/~web/nspace.html

4) Writing Center

Institute of SCIENCE TOKYO

Website

Writing tutors are here for you！

- Place：Ookayama Campus TAKI Plaza Basement 1st Floor
- Session time：50 mins in-person, 40 mins online
- Languages：Japanese and English（check the website for details）

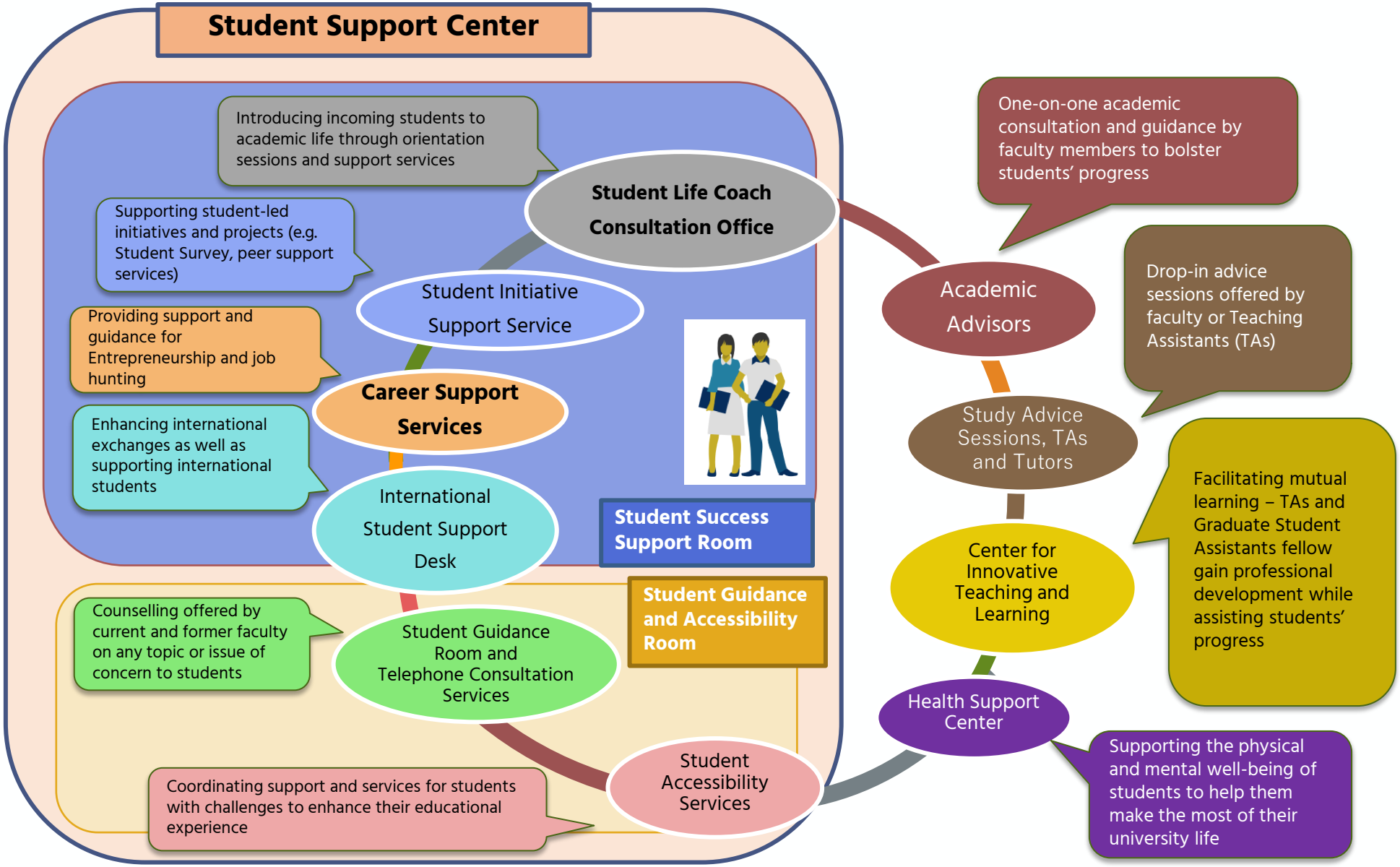
Q. What is the "Writing Center" for?
A. The Writing Center is an educational institution where tutors, trained in academic writing, work with you to improve your writing through dialogue.

Q. What kind of writing do they review?
A. You can consult on any kind of academic writing at any stage, including lecture reports, various papers, and study abroad applications! Please make a reservation on our website!

10. To Further Enrich Your Grad Life at Science Tokyo

1) Support Systems and Counseling Services

Institute of SCIENCE TOKYO



Student Support Center: https://www.isct.ac.jp/en/001/about/organizations/student-support-center

2) Libraries

- When starting in-depth research at Science Tokyo, graduate students are encouraged to visit the library website to effectively utilize the vast amount of resources there. Even if you are already familiar with the library, we encourage you to revisit our website and explore the resources available.

  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

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

➢ 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

Science Tokyo provides access to several e-resources (databases, e-books, e-journals, etc.) listed in the link below. Ookayama and Suzukakedai campus students can access these e-resources on campus, as well as off 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

3) Liberal Arts Library

Institute of SCIENCE TOKYO

- 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 Monday to Friday

(excluding national holidays and year-end/New Year holidays; also closed from 13:15 to 14:15 during summer and other long breaks)

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

X (formerlyTwitter)
@TokyoTechILALib

4) SCIENCE TOKYO MUSEUM AND ARCHIVES

← MUSEUM (Centennial Hall)

Kazuo Shinohara's world-famous architecture!

2nd Floor：History of Science Tokyo
Electrical Optical Communication
Kazuo Shinohara

1st Floor： Free open space and campus shop

Basement Floor： Exhibition of achievements by Tokyo Tech alumni and faculty (from living national treasures to Nobel laureates)

➢ MUSEUM Learn about historical achievements!

Place：Science Tokyo Museum（Just adjacent the Ookayama main gate）
Open Hours： Mon.- Fri. 10:30 - 16:30 (excluding holidays) Free Admission

➢ ARCHIVE Browse the archives and explore the history of engineering education!

Place：G5 Building, 7th Floor（Yokohama Campus）
For more information visit URL: http://www.cent.titech.ac.jp/pg1166.html

5) TSUBAME Computing Services

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

- TSUBAME 4.0, which will be fully operational in April 2024, will likely achieve approximately 5.5 times more accelerated computing performance than its predecessor TSUBAME 3.0 (matrix operation at 64-bit double precision). Its capability is expected to be utilized by faculty and students at Science Tokyo, as well as universities, research institutions and corporations across Japan in various fields including manufacturing, disaster prevention, medicine and artificial intelligence.

  https://www.gsic.titech.ac.jp/en/tsubame

6) Online Education：MOOC

(Massive Open Online Course)

- MOOCs are open to anyone with internet access. Over 200,000 courses are offered by more than 1,300 universities around the world.

- A number of courses are provided in English (including those with English subtitles).

- Institute of Science Tokyo (formerly Tokyo Institute of Technology) offers access to 18 MOOCs. Many graduate students are involved in the development of MOOCs as paid assistants (TA, GSA (Graduate Student Assistants)).

For details, visit the Online Content Research and Development Section website.

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

7) Entrepreneurship Development Programs

➢ Entrepreneurship Development Programs

Various courses and events are provided to meet the needs of participants — one may wish to gain the entrepreneurship mindset in order to progress to the next level, another may look to experience social implementation of new values through practical courses. Also suitable for those who already have a clear idea of what they want to accomplish and are aiming to start a social/commercial business.

https://www.titech.ac.jp/english/0/students/entrepreneurship

8) Entrepreneurship Support

➢ For Aspiring Entrepreneurs

A variety of support services are offered for students interested in entrepreneurship. For detailed information on the support available, please visit the Student Support site of the Center for Innovation Design. You'll find practical resources ranging from funding support programs to entrepreneurial support spaces, event information, and guidelines on entrepreneurial procedures, including commonly overlooked considerations.

➢ Entrepreneurial Support Programs and Spaces for Students

Institute of SCIENCE TOKYO

■"Go Startup" - Entrepreneurship Consultation Room

This is a consultation service designed to assist students interested in entrepreneurship through advice and coaching, helping to guide them towards launching their own startups. Feel free to make use of this resource.

■"STARTech" Hands-on Entrepreneurial Workshop

A practical workshop for students eager to dive into entrepreneurship. Through discussions with veteran entrepreneurs and lectures on startup businesses, you'll refine your business plan.

■SCIENCE TOKYO START-UP CHALLENGE 2025

This program is designed to support students aspiring to become entrepreneurs by validating their ideas and business models, and helping them make an impact on a global scale. The maximum support amount is 1 million yen. We look forward to receiving compelling proposals from motivated students.

■Science Tokyo Venture Studio

This program is designed for researchers who w to use their curiosity in science and technology to make a difference in society. Working alongside experts and researchers from various fields, participants will identify societal challenges and devise solutions, aiming to establish companies that could become unicorns.

Incubation Studio「INDEST」

A hub for students, faculty, and startups engaged in entrepreneurial activities

A three-floor space offering shared coworking areas, dedicated desks, semi-private and private offices.
Business registration is also possible.
A variety of workshops and events offered every month!

①Event ②Facilities ③Moving-in

JR Tamachi St., 1 minute on foot

8) Student Support Services by Alumni Associations

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

➢ Tokyo Tech Alumni Association (Kuramae-Kogyokai)

- Orientation sessions for newly-enrolled students by the Student Life Coaches (alumni)
- Student Subcommittee
  The members are current students, and are involved in planning and running student exchange events, as well as writing articles for the Kuramae Journal (Journal of Tokyo Tech Alumni Association).
- Lectures from alumni at Ookayama and Suzukakedai Campuses
- Student support through club activities, etc. (Support for the Science Tokyo Fund and fundraising activities)
- Job-hunting Support (Job-hunting events, career counseling by Kuramae Advisors (alumni))

➢ Departmental Alumni Associations

- Subcommittees from eighteen-department alumni associations provide lectures and career support.

➢ Lab Alumni Associations

➢ Club-activity Alumni Associations

9) Taki Plaza—Where Students Can Connect

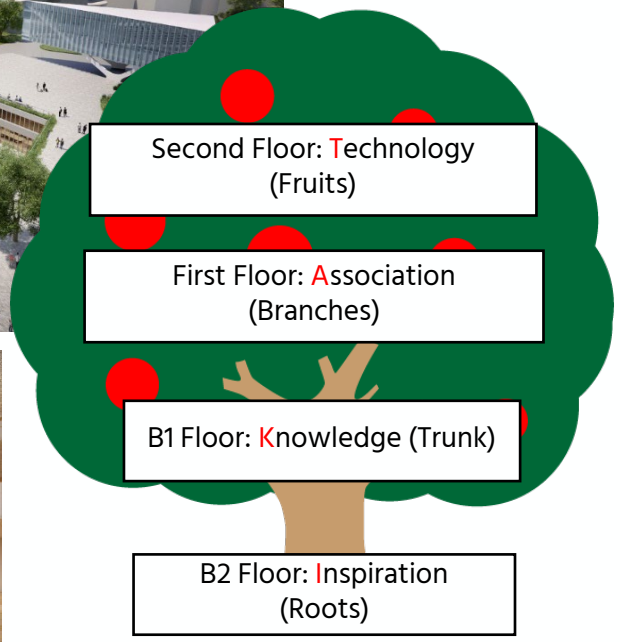
Institute of SCIENCE TOKYO

Landmark of Ookayama Campus

Hisao & Hiroko Taki Plaza, commonly known as Taki Plaza, is a student exchange facility.

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

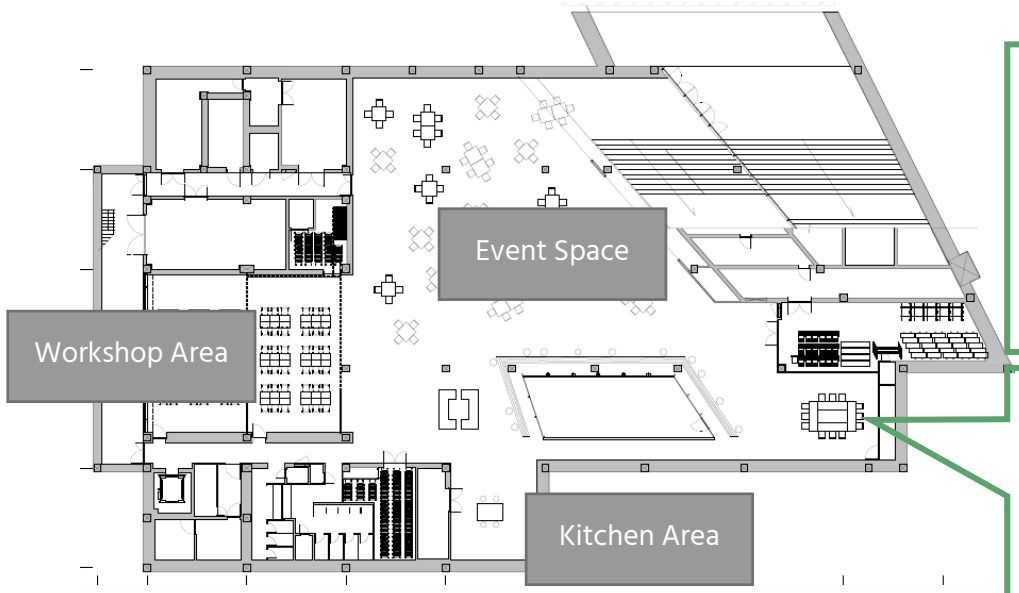
Second Floor: Creative space
Motivated students come together to create ideas (technology) that will blossom.

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.)

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

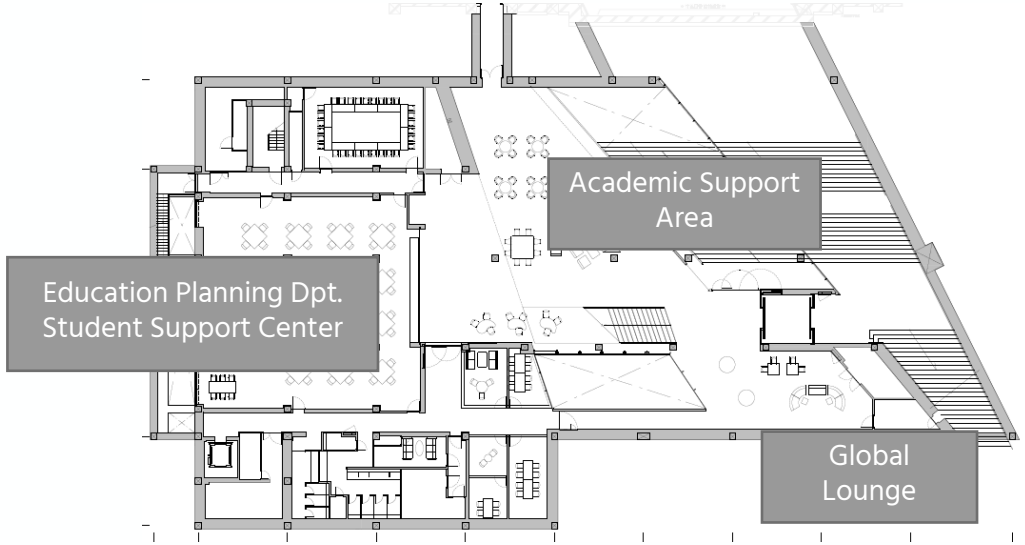
B2 Underground Level



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.

B1 Underground Level

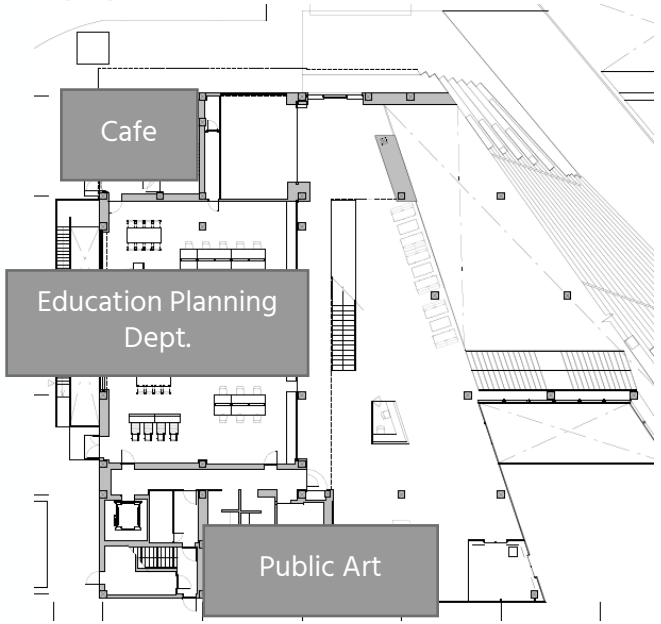


In the academic support area, students can find support and information on academic matters, study-abroad programs, and job searches offered by student life coaches and consultation services.

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

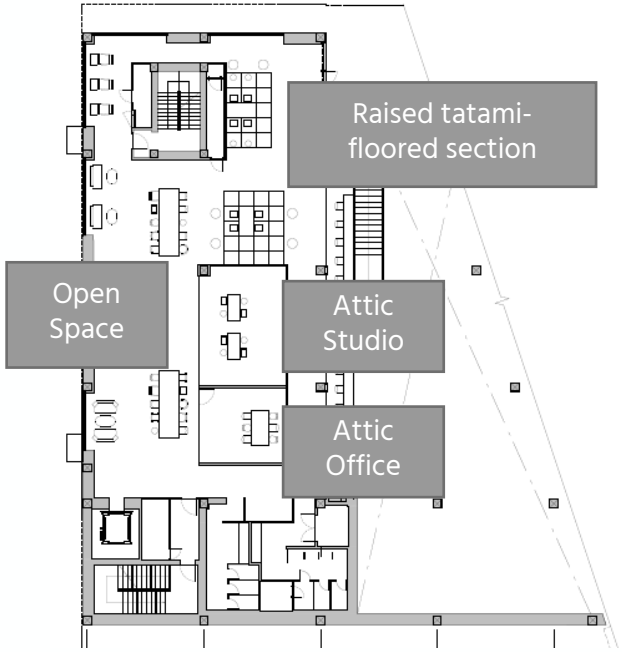
There are also reception desks handling matters concerning extracurricular activities, studying abroad, insurance services, dormitories, career counseling, etc.

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 an open space with an attic studio, where students can materialize their ideas.

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

The Second Floor

10) Group study rooms at Ookayama Campus

Common Facilities	East Area	East Area	East Area	West Ares
	★Ookayama Library	★Taki Plaza 2F (long desk by the stairs)	★Taki Plaza B2	★Liberal Arts Library
Photo		 	 	 
Hours	See the library Home Page	See Taki Plaza Home Page	See Taki Plaza Home Page Note: Not available during events.	See the library Home Page

More details of study rooms (for groups/individuals) on campus can be found on the Science Tokyo website (Current students – Facilities – Place to Study on Campus).

https://www.titech.ac.jp/english/student-support/students/facilities/study-room

11) Support for International Exchange

Institute of SCIENCE TOKYO

➢ Global Lounge

The Global Lounge, near the Taki Plaza B1 entrance, is designed to boost international exchanges among students.

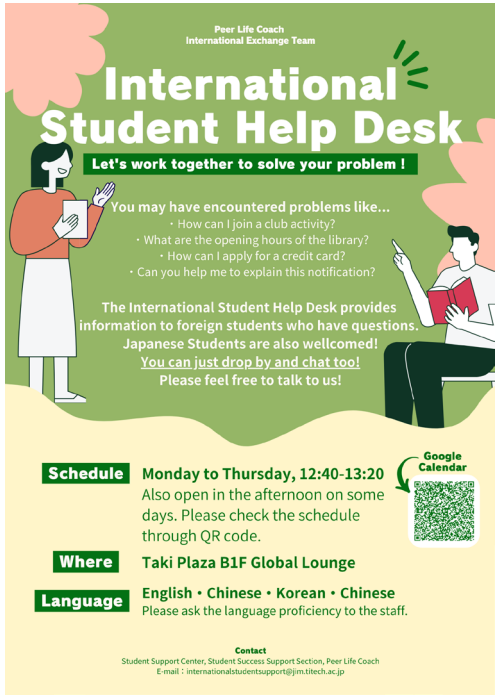
- Students may freely use this place as a lounge when there are no events.
- Food and drinks are NOT permitted.

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

Opening hours follow the opening hours of Taki Plaza.

➢ Help Desk for International Students by
➢ Peer Life Coaches

Peer Life Coaches will help new comers adjust to life in Japan based on their experiences. The Help Desk at the Global Lounge at **Taki Plaza** will be open during lunch time. You can find the updated schedule from the QR code. **Helpdesk will be specially open on the first week of April. Slack-version Helpdesk will be also available as of April 2.**

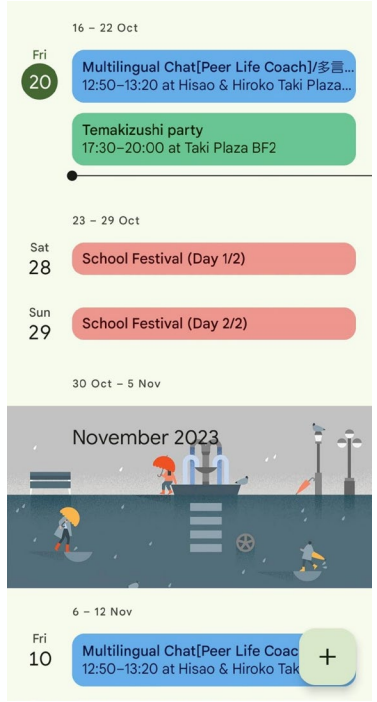


➢ English Café

Free-talking online sessions with English teachers regularly held during the lunch break.
(You can Eat lunch during the session!)
Please join the following slack channel to receive the information.
#cl-international-café
The schedule is uploaded on the website too.
https://www.fl.ila.titech.ac.jp/cafe_e.html
(Institute for Liberal Arts)

➢ Science Tokyo - International Exchange Event Calendar

This Google calendar lets you check international exchange events held by the Science Tokyo students. Please scan the QR code and register to get information!



➢ Multilingual Chat by Peer Life Coaches

This is a brief lunch-break event held at Taki Plaza B1 floor for both international and Japanese students. The participants can choose the language from English, Chinese, Korean and Japanese and make small groups to chat. You can find the updated schedule on the International Exchange Event Calendar. Just come and join and enjoy talking!

12) Seminars organized/co-organized by the Student Support Center

➢ 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. In the AY2024, seminars were held in both Ookayama and Suzukakedai Campuses.

➢ MONOTSUKURI Seminar

The programs are organized by the Collaboration Center for Design and Manufacturing and Support Center, with the cooperation of companies in which former Tokyo Tech alumni are playing significant roles. There were four seminars at Taki Plaza and other venues in the AY2024.

Click the link below to see the details.
https://www.titech.ac.jp/english/student-support/students/counseling/concierge#Seminars

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11. Two-year General Timeline for Master's students/Report Request from Student Division

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

Institute of SCIENCE TOKYO

(This is made based on a schedule in academic year 2024. 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, 2Q	・Internship seminars ・K-seek (industry and internship event organized by Tokyo Tech Alumni Association)	・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 ・Summer-break Career Guidance	・Career Support Seminars for international students	・Quarter-end exams and makeup classes for 3Q ・K-find (Corporate research session sponsored by Kuramae)		・Quarter-end exams and makeup classes for 4Q		・Job-hunting season opens ・K-Meet (Career information session organized by Tokyo Tech Alumni Association)

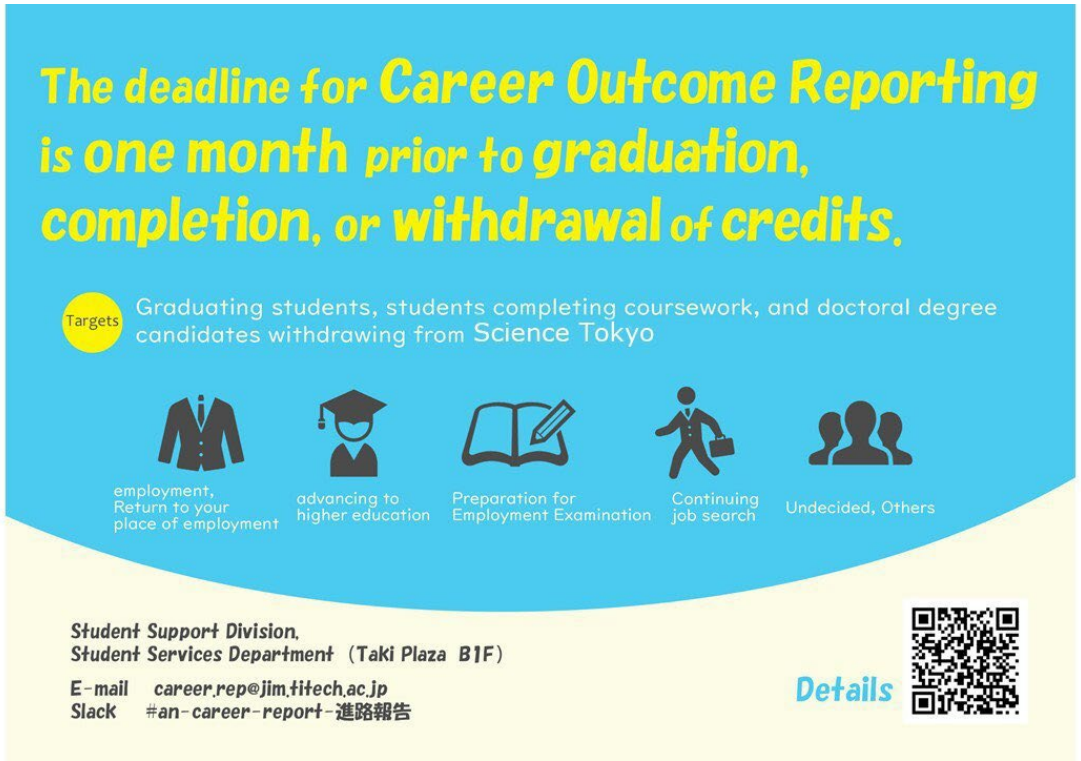
M2

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 ・K-Meet 3 (Career matching forum organized by Tokyo Tech Alumni Association)	・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

2) Career Outcome Report

We requests all graduating master's and doctoral students, as well as doctoral degree candidates withdrawing from Science Tokyo , to submit their career outcome report one month before they leave Science Tokyo .

The data collected will be used as important resources for surveys mandated by the Japanese government, analyzing employment outcomes, and calculating the Science Tokyo position in the World University Rankings. Moreover, the data will greatly help our junior students when planning their career paths. We appreciate your understanding and cooperation.



For career outcome reporting, check the link below:
https://www.titech.ac.jp/english/student-support/students/career/report

For other career support information, visit the link below:
https://www.titech.ac.jp/english/student-support/students/career

Other Inquiries to:
Support Planning Group of the Student Support Division
Email: career.rep@jim.titech.ac.jp
Slack: #an-career-report-進路報告