

1. Overview

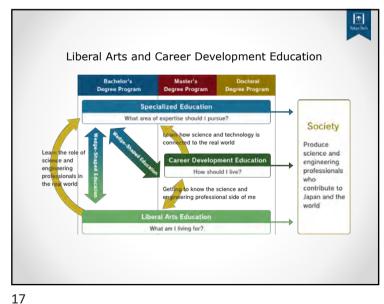
2. Education system

3. Research

4. International Students

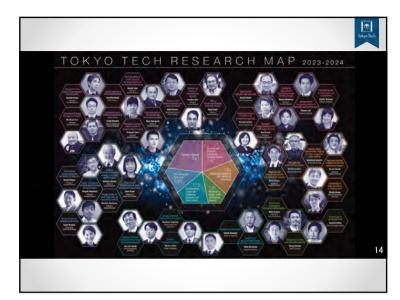
5. GSEP and your study ahead

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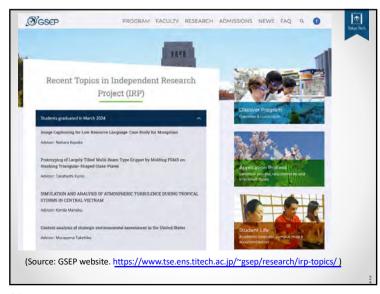






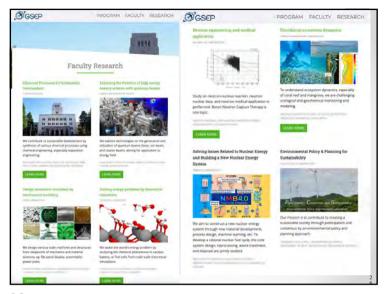


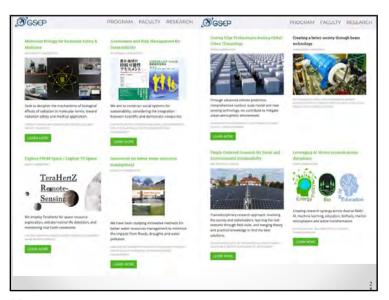
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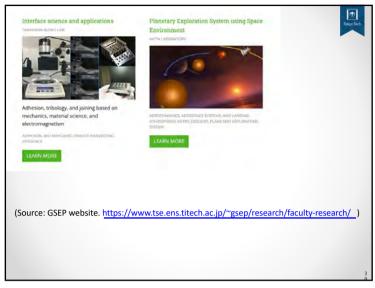
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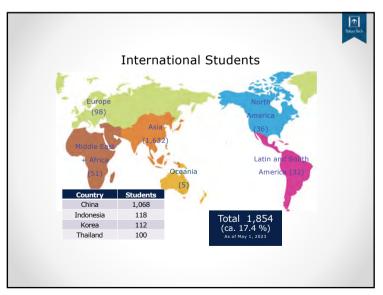












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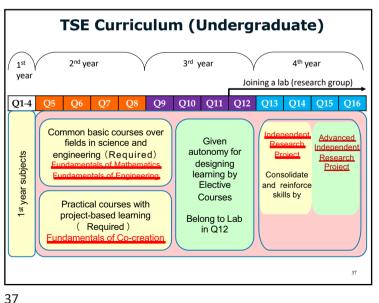


- GSEP students belong to the **Department of Transdisciplinary** Science and Engineering (TSE) which includes science, engineering, and management courses. GSEP is a transdisciplinary degree program not limited to any specific science or engineering field.
- GSEP students earn a degree of **Bachelor of Engineering** from TSE Department after they have completed all the units and course requirements in the undergraduate program.

TSE Dept. Website : http://educ.titech.ac.ip/tse/eng/









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TSE Curriculum

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

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

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

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Required Credits for	Undergraduate	major in TS	Ε
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Courses	Eligibility to engage in independent research project	Eligibility for graduation
Humanities and social science courses	9 credits	13 credits
Basic science and technology courses	14 credits	14 credits
English language courses	6 credits	9 credits
Second foreign language courses	2 credits	4 credits
Research-related courses of TSE	2 credits	12 Credits
	Research Opportunity in Laboratories (2 credits)	Research Opportunity in Laboratories (2 credits) Independent Research Project (4 credi
Common requirements by Tokyo	Tech	Advanced Independent Research Projet (6 credits)
Required courses (credits), designated by each undergraduate	Determined for each study program (For TSE, refer to the	Determined for each study program (For TSE, refer to the
major	Study Guide)	Study Guide)
	110 or more credits	128 units or more to graduate

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

Requirements for engaging in Independent Research Project (IRP)

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

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

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!New rules adapted for graduation for the student 22B or later (so 24B too)! Independent Research Project (IRP, 4 credits) and Advanced Independent Research Project (A-IRP, 6 credits) become compulsory courses. Must take IRP first from April of the 4th year only and then take A-IRP in the standard graduation procedure If a student could not satisfy the requirements to start IRP by the end of 4th quarter of the 3rd year, the student A qualified student for early graduation with 3 years study can take IRP-S (8 credits) Standard graduation with 4 years study Standard ndependent Research Project (IRP) Advanced Independent Research Project(A-IRP) (6 credits) after pa (4 years study) Early graduation endent Research Project S (IRP-S) Early graduation with 3.5 years study (3 years or 3.5 anced Independent Research Early graduation with 3.5 years study Project(A-IRP) (6 credits) for the studer with 3.5 years stud who wish to graduate with 3,5 years st checked at the end of 2Q of the 3st year ndependent Research Project S (IRP-S) Early graduation with 3 years study 2Q 4Q 44 3rd year

Requirements for graduation in the Department of TSE

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

- 1. All **30 credits** of required subjects (*) in the list of the subjects in the Department of TSE should be obtained.
- "Research Opportunity in Laboratories (2 credits)", "Independent Research Project (4 credits)", and "Advanced Independent Research Project (6 credits)" must be completed with credits.
- 54 credits, including 30 credits of required subjects (②), in the major course in the list of the subjects in the Department of TSE should be obtained.
- 4. 128 credits should be obtained in total.

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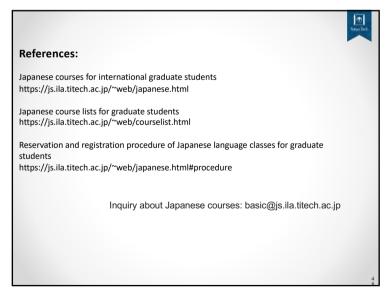
Required Liberal Arts course credits for GSEP

- Special arrangements have been set for GSEP students regarding liberal arts courses.
- Roughly speaking, GSEP students only need to concern whether a course is listed as in 200s or in 300s. Do not worry about the categories of liberal arts courses (three categories.)
- GSEP students take Japanese language course as a first foreign language courses. ALL GSEP students are highly recommended to pass JLPT N2 by the time of their graduation. You do not need to use Japanese but higher Japanese proficiency will bring more options to you later.
- Review the requirements and special arrangements through the link below:
- https://www.titech.ac.ip/english/student/pdf/20b.pdf

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Japanese Class

2) For beginner

2) For beginner learner (B1 and B2 level): The first class for Japanese 1 will be held on April 9th, 13:30-

Classes will be held face-to-face at Ookavama Campus.

2) For students who have studied Japanese before (B3~ level): according to your Japanese language level, the coordinator will recommend you attending one or two intermediate-level classes open for graduate students.

Consultation session will be held after the orientation on Apr. 3.

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

Guide (Slide 5-7):

https://docs.google.com/presentation/d/1sr20whU18n2CaPiyBaC9CbRDJOuoOJOF/edit?usp=sharing&ouid=102660635403088944014&rtpof=true&sd=true

4. Japanese 9 (300-level)

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

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Research Ethics Education

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

• Level 1: 1st year to 3rd year in bachelor's program (before starting Independent Research Project (IRP))

Level 2: 4th year in bachelor's program (from the start of IRP) to master's program

Level 3: Doctoral program

Liberal Arts Courses

© Tokyo Tech Visionary Project (LAH.C101)

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

Major course group

OProcesses for Creation in Science and Technology

[School of Environment and Society] (XES.P101)

OSchool of Environment and Society Academic Group Literacy (XES.A101)

Research Opportunities at Laboratories (TSE.Z381)Independent Research Project (TSE.Z389)

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

Required courses
 - Electives

Research Ethics Education

Online learning

Following on-line courses are also recommended:

0SPOC Tokyo Tech Science, Engineering, AI & Data Ethics: Level 1-2 https://edge.edx.org/courses/coursev1:TokyoTechX+2020TT-ethics+2020O1/about

0eL CoRE (JSPS) Level 1-2 (Research ethics education materials)
https://www.jsps.go.jp/j-kousei/rinri.html

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Online Bulletin

TSE department on-campus website http://www.tse.ens.titech.ac.jp/en/

(Note: GSEP students are automatically the TSE department students from the second year.)

For GSEP students

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

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Health and mental well-being

Keeping good health and mental well-being is important for your study.

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

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

- https://www.titech.ac.jp/english/students/health
- https://www.titech.ac.jp/english/enrolled/health/ coronavirus.html

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Lecture schedule in 2024 Spring Semester 2024 First Quarter Classes: April 6-May 27, May 30-June 1 April 4-April 5. Preparation period for classes May 2. Monday classes will be held May 25. No classes due to Homecoming Day Quarter-end exams and makeup classes for 1Q *Jun 4,5: Preparatory day for courses that hold weekly classes Second Quarter Classes: June 10-July 29 July 30-August 6: Quarter-end exams and makeup classes for 2Q *August 6: Preparatory day for courses that hold weekly classes Summer break: August 7-September 30

Third Quarter Clas	ses: October 3-November 21,23,25-27	
October 2	Preparation period for classes	
October 17	Monday classes will be held	
November 2-5	No classes due to Tokyo Tech Festival	
November 23	Saturday classes will be held	
November 22:25	Quarter and exams and makeup classes for 3Q	
December 5	*November 29 December 5: Pregaratory day for courses that hold weekly classes	
Classes in 2025: Jan	uary 4-February 3	
January 17,18	No classes will be held due to university Admission Common Test (大学入学共過テスト) and preparation	
February 4-12	Quarterrend exams and makeup classes for 4Q *February 12: Preparatory day for courses that hold weekly classes.	

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					Introductory Physics Laboratory (MZ) I credit (for 10-10)	
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GSEP 1st Year Timetable (1Q)

Course registration procedure will be explained by assigned GSEP faculty at a separate session.

Int Quarter 2024 (For GSEP 1st Year Students)

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Important notes

- Activation of Tokyo Tech e-mail address (****@m.titech.ac.jp) is important.
 The procedure will be explained on April 4 and each of you will do this from 15:40 at PC room above the 7-11 Convenience Store on O-okayama campus.
- Tokyo Tech e-mail address (****@m.titech.ac.jp) is connected to your Slack account as well.
- Official announcement and information from Tokyo Tech and GSEP will be always sent to your Tokyo Tech e-mail address. Please check it at least once a day. Slack is also used for announcement supplementally.
- Important announcement and instructions will be sent to you via T2SCHOLA, the Tokyo Tech Learning Management System.
- T2SCHOLA is accessible after logging-in Tokyo Tech Portal

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GSEP Mailing List and Group Messaging (Slack)

The ML for your batch will be created accordingly.

Please also join GSEP slack channel for all current GSEP students, faculty and staff after your Tokyo Tech e-mail account is activated.

Slack channel is used for sharing event announcements, urgent instructions and/or casual purposes etc.

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Extracurricular Activities

GSEP students can join different student clubs and circles in Tokyo Tech. Many countries have their own student associations in Tokyo Tech that can offer support to new incoming students from their own country

TISA and SAGE are two of the most active international student associations in Tokyo Tech

Tokyo Tech International Student Association (TISA)



TISA is an organization dedicated to connecting all international students and working to enhance this multicultural experience at Tokyo Tech.

Student Association for Global Exchange (SAGE)



exchange between students of Tokyo Tech and other universities through a variety of events and activities.



The Commons, Lunch Meeting, and Off-campus Project

Creative Commons Room at Ishikawadai 6

On the 4th floor, a common room for GSEP students is available for use until 6PM on weekdays.

Please follow the rules strictly regarding usage.

Lunch Meetings

To encourage communication and support from the faculty, this will be held on a regular basis and as a request from students. Take the chance to join

Off-campus educational project

Various sites will be visited for three-days after the final exam of Q4. It is also an opportunity to receive feedback from you for the improvement of GSEP.

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GSEP Creative Commons



- GSEP students can use the Commons room for group meeting, self-studying, etc.
- There is no trash bin in the room. Please take your trash with you when you leave.
- Keep it clean and orderly.
- CCTV installed for security.
- No staying overnight in GSEP Commons.
- Please sign distributed 'Oath' if you agree with the rules.
- · Passcode to enter the lounge will be given to GSEP students as needed

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GSEP Website

http://www.tse.ens.titech.ac.jp/~gsep/

GSEP Facebook Page

https://www.facebook.com/gseptokyotech

Inquiry: contact at

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gsep-contact@tse.ens.titech.ac.jp