

Graduate School of Integrative Science and Engineering

Academic Year 2022

Schedule Second Semester

**General Entrance
Examination**

**Overseas Partner
Institution Admissions
Scheme**

Admission Guidelines

Mechanics

Electrical Engineering and Chemistry

Cooperative Major in Nuclear Energy

Natural Sciences

Architecture and Civil Engineering

Informatics

	February Examination Round	May Examination Round	June Examination Round
Application period	Friday, January 14 to Thursday, January 20, 2022. (Must be postmarked)	Monday, May 2 to Thursday, May 5, 2022. (Due NLT)	Friday, May 20 to Thursday, May 26, 2022. (Due NLT)
Screening(examination) dates	Thursday, February 24 to Saturday, February 26.	Wednesday, May 11.	Friday, June 24 to Saturday, June 25.
Notification of result	10:00 a.m., Friday, March 4.	10:00 a.m., Monday, May 23.*	10:00 a.m., Friday, July 1.
Enrollment deadline	Must be postmarked by Thursday, March 31.	Must be postmarked by Friday, June 10.	Must be postmarked by Friday, July 29.

* Another schedule will be instructed separately to applicants related to JICA.

Outline of the Establishment

Quoted from Article 3, School Regulations of the Graduate School of Tokyo City University—

Graduate School of Integrative Science and Engineering aims to train personnel who acquire advanced theories and practical skills related to science and engineering and who possess academic perspectives to contribute to society grounded in scientific technologies.

Educational Principle

At the United Nations General Assembly in September 2015, the 2030 Agenda for Sustainable Development was adopted as a new action plan for the next 15 years, which is essential for sustainable development. It lists 17 goals and 169 targets as Sustainable Development Goals (SDGs). The SDGs are universal goals and targets that not only developing countries but also developed countries themselves work on, and Japan has a system to actively work on it as a whole country. Naturally, it is necessary for university institutions to contribute to the SDGs, including the training of the next generation, and Tokyo City University is also participating in the United Nations University SDG University Collaboration Platform (SDG-UP). It goes without saying that the graduate school occupies a high position in the overall contribution of the university. The Graduate School of Integrative Science and Engineering, therefore, is based on the educational principle of training engineers and researchers who can respond to social demands. Furthermore, it is also required to develop engineers and researchers who have communication skills including language skills and management skills that enable cross-disciplinary collaboration and cross-border collaboration.

To respond to these social demands, the Graduate School of Integrative Science and Engineering utilizes the system of linked graduate schools with other research institutions and an overseas internship system, in addition to steady acquisition of specialized knowledge and skills. We aim to develop global human resources with a social perspective. We also have programs for working adults to strengthen our ties with society.

Educational Objectives

The Graduate School of Integrative Science and Engineering provides education to develop engineers and researchers who are needed in society and who can play an active part internationally. The school sets the educational objectives to equip students with the following skills. The educational objectives are to train engineers and researchers who possess (1) literacy in science and engineering, information technology, and communication skills including language skills, (2) presentation skills, and (3) problem-solving skills backed by specialized knowledge.

After obtaining a master's or doctoral degree, many people are expected to play an active role in the research and development (R&D) of their own specialized fields. Recent changes in daily life and society are highly dependent on advances in engineering technology and science and technology. For example, the spread of 5G and electric vehicles is about to significantly change daily life and society. Those involved in the R&D must always keep in mind the R&D to enrich human life, and for this will repeatedly set and solve issues. Ability development to support this is included in the educational objectives of the Graduate School of Integrative Science and Engineering.

Personnel to be Developed

□ Master's Course

Students are required to enroll in basic subjects in natural science and language, subjects that form the foundation of science technology, and the cultural subjects necessary to understand the connection between science, technology, and society. On that basis, students will take educational programs to obtain specialized knowledge and skills step by step. In addition, graduate school students are required to deepen and integrate their expertise. In each course of the Master's Course, students aim to develop their language skills to utilize their expertise and play an active role internationally. They will obtain extensive adaptability and practical skills to quickly respond to the changes in social structure. The objective is to train engineers and researchers with problem-solving skills as the personnel to be developed.

□ Doctoral Course

In addition to further deepening students' specialized knowledge and skills, the program offers an environment where they can acquire advanced research skills while nurturing communication and management skills through collaborative research with other universities, research institutions, and corporations. Each course guides students to prosper as engineers and researchers in universities and research institutions in and out of Japan, as well as the research division of corporations. Upon completion of the Doctoral Course, students will have the ability to explore a new domain by employing cutting-edge knowledge and skills to steadily resolve problems. The program provides support to students so that they can transform themselves for further development.

Expectations for the Future

In the undergraduate curriculum, students acquire the foundation for specialized science and engineering and accumulate the experience to use it in their graduation research. It is vital for students admitted to the graduate school to utilize their knowledge and skills to refine their wisdom by adding their own ingenuity. With that in mind, the school expects students to make continuous improvements as personnel who adopt the objectives above to develop as a person and engineer.

Admission Policy

Challenge the cutting-edge research area to contribute to society and create the future.

□ Master's Course

The Master's Course equips students with advanced specialized knowledge and nurtures their research skills by developing their language skills to be successful internationally. It also develops their extensive adaptability and practical skills to quickly respond to changes in the social structure. In addition, the educational goal of the program is to equip students with problem-solving skills and personal qualities to play an active role in society. For this reason, the Master's Course requires students to possess the following qualities and skills in order to be admitted to the program:

1. An understanding of the educational principles and educational objectives of the Graduate School of Integrative Science and Engineering.
2. Basic academic ability specializing in science and technology and a logical mind to see things from a multifaceted perspective.
3. A strong interest and desire to take on new challenges in unknown research fields.
4. Language skills and advanced ethics as necessary for engineers and researchers.

□ Doctoral Course

The educational goal of the Doctoral Course is to equip students with the skills to explore a new domain by utilizing their advanced knowledge and skills to steadily resolve problems. For this reason, the Doctoral Course requires students to fully acquire the above four qualities and skills from the Master's Course and to possess the following skills in order to be admitted to the program:

1. A broad range of specialized academic skills necessary to conduct research activities to acquire new knowledge.
2. The vitality to pursue research aimed at resolving problems to become an independent researcher.
3. The ability to get things done necessary to take a leadership role in society.
4. Basic communication skills to prosper internationally.

Curriculum Policy

In the Graduate School of Integrative Science and Engineering, the Master's Course aims to train engineers and researchers who are equipped with extensive adaptability and practical skills to respond quickly to the changes in the social structure by utilizing their high level specialized academic skills, language skills, and information utilization skills to bring solutions to problems. The Doctoral Course aims to train personnel equipped with research skills to steadily resolve problems in consideration of social needs by making use of their advanced knowledge and skills to explore a new domain. To achieve these goals, the programs formulate the curriculums in accordance with the following basic policies.

□ Master's Course

1. The program compiles comprehensive cultural subject groups and comprehensive basic subject groups for students to use their specialized knowledge in science and engineering and practical skills to help develop an international society. In addition to English language skills and information utilization skills, it offers subjects to equip students with an international mindset.
2. The program compiles specialized basic subject groups and specialized subject groups in each course to equip students with a high level of expertise and practical skills in a broad range of science and engineering areas to quickly respond to changes in the social structure. It aims to develop specialized basic knowledge from subjects in the specialized basic subject groups. It also offers subjects in the specialized subject groups to equip them with practical skills.
3. The program offers exercises and special research in each course to equip students with the skills to discover and resolve problems related to science and engineering in international society.

□ Doctoral Course

1. In each course, the program offers specialized studies to equip students with the skills to compile new findings related to engineering and to academically organize their specialized knowledge.
2. The program offers specialized research in each course to promote collaborative research with other universities and corporations to equip students with the research skills to explore a new domain. In addition, through technological exchanges with other research and development institutions, students work on resolving problems systematically in consideration of social needs by using their cutting-edge knowledge and skills.

Diploma Policy

In the Graduate School of Integrative Science and Engineering, the Master's Course aims to train engineers and researchers who are equipped with extensive adaptability and practical skills to respond quickly to the changes in the social structure by using their high specialized academic skills, language skills, and information utilization skills to bring solutions to problems. The Doctoral Course aims to train personnel equipped with research skills to steadily resolve problems in consideration of social needs by making use of their advanced knowledge and skills to explore a new domain. To achieve these goals, the programs grant degrees to those who complete the subjects to obtain prescribed skills in accordance with the following basic policies.

□ Master's Course

1. Students acquire more advanced specialized knowledge and practical skills related to science and engineering. They have the language skills and information utilization skills to help develop an international society.
2. Students possess a high level of expertise in a broad range of science and engineering to quickly respond to the changes in the social structure, as well as the practical skills to put the skills into practice.
3. Students have the skills to discover and resolve problems related to science and technology in an international society.

□ Doctoral Course

1. Students have the skills to compile findings obtained from new research related to science and engineering and to systemize knowledge on a deeper level.
2. Students have the research skills to resolve problems steadily and explore a new domain in consideration of social needs by utilizing their cutting-edge knowledge and skills through technological exchanges with other research and development institutions.

Academic Supervisors (TBD)

Department	Discipline	Title	Academic Supervisors	Department	Discipline	Title	Academic Supervisors		
Mechanics	Mechanical Engineering	Prof.	SHIRAKI Naoto	Cooperative Major in Nuclear Energy	Cooperative Major in Nuclear Energy	Prof.	OHTORI Yasuki		
		Prof.	FUJIMA Takuya			Prof.	KAWARABAYASHI Jun		
		Prof.	MAKI Tetsuo ○			Prof.	SATO Isamu		
		Prof.	MIHARA Yujii			Prof.	SUZUKI Toru		
		Assoc.Prof.	ITO Akemi			Prof.	TAKAKI Naoyuki		
		Assoc.Prof.	KAMEYAMA Yutaka			Prof.	NAKAMURA Izumi		
		Assoc.Prof.	KISHIMOTO Yoshinao			Assoc.Prof.	HAGURA Naoto		
		Assoc.Prof.	KOBAYASHI Yukiyoshi			Assoc.Prof.	MATSUURA Haruaki		
		Assoc.Prof.	SAKURAI Toshiaki			Assoc.Prof.	MUTA Hitoshi		
		Assoc.Prof.	SATO Hideaki			Prof.	IJIMA Masanori		
		Assoc.Prof.	SUGIMACHI Toshiyuki			Prof.	OSADA Takeshi		
		Assoc.Prof.	NISHIBE Koichi			Prof.	SUDO Seichi		
		Assoc.Prof.	FUJIMURA Tamio			Prof.	FUKUDA Tatsuya		
		Assoc.Prof.	MARUYAMA Satofumi			Prof.	YOSHIDA Masafumi		
	Mechanical Systems Engineering	Prof.	AKITA Koichi	Assoc.Prof.	TSUMURA Koji				
		Prof.	SHIMANO Kenjiro	Assoc.Prof.	NAKAJIMA Yasuhisa				
		Prof.	TANAKA Yasuhiro	Assoc.Prof.	NISHIMURA Daiki				
		Prof.	NONAKA Kenichiro	Assoc.Prof.	HATTORI Shin				
		Prof.	MIYAKE Hiroaki	Assoc.Prof.	HORIKOSHI Atsushi				
		Prof.	MIYASAKA Akihiro	Lect.	KADOTA Kenichi				
		Assoc.Prof.	KUMAGAI Masayoshi	Prof.	IWASHITA Go				
		Assoc.Prof.	SATO Daisuke	Prof.	OMI Yasuo				
		Assoc.Prof.	SHIRATORI Suguru	Prof.	KOBAYASHI Shigeo				
		Assoc.Prof.	SEKIGUCHI Kazuma	Prof.	KONDO Yasushi ○				
		Assoc.Prof.	NAGANO Hideaki	Prof.	TEZUKA Takaharu				
		Assoc.Prof.	YABUI Shota	Prof.	FUKUSHIMA Katsuya				
		Assoc.Prof.	WATANABE Rikio	Prof.	HORIBA Hiroshi				
		Lect.	HUKATA Kimio	Assoc.Prof.	OHMURA Tetsuya				
		Electrical Engineering and Chemistry	Electrical and Electronic Engineering	Prof.	IWAO Toru	Architecture and Civil Engineering	Architecture	Assoc.Prof.	SATO Sachie
				Prof.	SAWANO Kentaro			Assoc.Prof.	JIAO Yu
				Prof.	NAKAJIMA Tatsuhiro			Assoc.Prof.	NAKAGAWA Jun
				Prof.	NOHIRA Hiroshi			Lect.	OCHIAI Yo
Prof.	FUJITA Hiroyuki			Lect.	KATAGIRI Yuji				
Prof.	MITANI Yuichiro			Prof.	ITO Kazuya				
Assoc.Prof.	ISHIKAWA Ryouzuke			Prof.	SHIRAHATA Hiromi				
Assoc.Prof.	SUZUKI Kenji			Prof.	SUEMASA Naoaki				
Assoc.Prof.	TORII Susumu			Prof.	NAGAOKA Hiroshi				
Assoc.Prof.	HOSHI Yusuke			Prof.	MARUYAMA Osamu				
Lect.	SETO Kenshu			Prof.	YOSHIDA Ikumasa ○				
Lect.	Nico Surantha			Assoc.Prof.	AKIYAMA Yuki				
Lect.	Lim Ying Ying		Assoc.Prof.	INAGAKI Tomoyuki					
Biomedical Engineering	Prof.		KYOSO Masaki	Assoc.Prof.	KURIHARA Norihiko				
	Prof.		KIRYU Shogo	Assoc.Prof.	GOSO Takashi				
	Prof.		HAYASAKA Shinya	Assoc.Prof.	SEKIYA Hidehiko				
	Prof.		MORI Akira	Assoc.Prof.	MIKAMI Takahito				
	Prof.		WATADA Masaya	Prof.	ARAI Shuichi				
	Assoc.Prof.		MOMOZAWA Ai	Prof.	OYA Hidetoshi				
Applied Chemistry	Assoc.Prof.		YOKOYAMA Sousuke	Prof.	OKANO Yoshinobu				
	Lect.		KOBAYASHI Chihiro	Prof.	KAWAI Takazumi				
	Prof.		KANAZAWA Akihiko	Prof.	SAWAHASHI Mamoru				
	Prof.		KUROMA Takashi	Prof.	SAN Hao				
	Prof.		TAKAHASHI Masashi	Prof.	SHIBATA Tsugumichi				
	Prof.	MUNAKATA Fumio	Prof.	TAKAHASHI Hitotaka					
	Assoc.Prof.	IWAMURA Takeru	Prof.	TAGUCHI Akira					
	Assoc.Prof.	EBA Hiromi	Prof.	NAKANO Hidehiro					
	Assoc.Prof.	KOUZU Masato	Prof.	MUKAI Nobuhiko					
	Assoc.Prof.	KOBAYASHI Ryota	Prof.	YAMAGUCHI Atsuko					
	Assoc.Prof.	SHOTSUKI Masashi	Prof.	YOO Myungryun					
	Assoc.Prof.	HIDESHIMA Sho	Prof.	YOKOYAMA Takanori ○					
Informatics	Information Engineering	Assoc.Prof.	AIHARA Kensuke	Informatics	Information Engineering	Assoc.Prof.	CHANG Youngha		
		Assoc.Prof.	CHANG Youngha			Assoc.Prof.	CHEN Oribia		
		Assoc.Prof.	NINOMI Toshihiro			Assoc.Prof.	HAYASHI Masahiro		
		Assoc.Prof.	HAYASHI Masahiro			Assoc.Prof.	HIRANO Takuichi		
		Assoc.Prof.	HIRANO Takuichi			Prof.	SHIOMOTO Kohei		
		Prof.	SHIOMOTO Kohei			Prof.	JINNO Kenya		
		Prof.	JINNO Kenya			Prof.	TANAKA Hirokazu		
		Prof.	TANAKA Hirokazu			Prof.	BAO Yue		
		Prof.	BAO Yue			Prof.	HAMURA Masaki		
		Prof.	HAMURA Masaki			Prof.	MORI Hirohiko		
		Prof.	MORI Hirohiko						

*For educational reasons, some academic supervisors do not accept students every admissions round.

○ : Scheduled to retire in March 2024.

Academic Supervisors (TBD)

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		Prof.	MAKI Tetsuo ○			Prof.	SATO Isamu
		Prof.	MIHARA Yuji			Prof.	SUZUKI Toru
		Assoc.Prof.	ITO Akemi			Prof.	TAKAKI Naoyuki
		Assoc.Prof.	KAMEYAMA Yutaka			Prof.	NAKAMURA Izumi
		Assoc.Prof.	KISHIMOTO Yoshinao			Assoc.Prof.	HAGURA Naoto
		Assoc.Prof.	SATO Hideaki			Assoc.Prof.	MUTA Hitoshi
		Assoc.Prof.	SUGIMACHI Toshiyuki			Prof.	OSADA Takeshi
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	Mechanical Systems Engineering	Prof.	AKITA Koichi	Prof.	YOSHIDA Masafumi		
		Prof.	SHIMANO Kenjiro	Assoc.Prof.	TSUMURA Koji		
		Prof.	TANAKA Yasuhiro	Assoc.Prof.	NAKAJIMA Yasuhisa		
		Prof.	NONAKA Kenichiro	Assoc.Prof.	NISHIMURA Daiki		
		Prof.	MIYAKE Hiroaki	Assoc.Prof.	HATTORI Shin		
		Prof.	MIYASAKA Akihiro	Prof.	IWASHITA Go		
		Assoc.Prof.	KUMAGAI Masayoshi	Prof.	OMI Yasuo		
		Assoc.Prof.	SHIRATORI Suguru	Prof.	KOBAYASHI Shigeo		
		Assoc.Prof.	SEKIGUCHI Kazuma	Prof.	KONDO Yasushi ○		
Assoc.Prof.		NAGANO Hideaki	Assoc.Prof.	OHMURA Tetsuya			
Electrical Engineering and Chemistry	Electrical and Electronic Engineering	Assoc.Prof.	YABUI Shota	Assoc.Prof.	SATO Sachie		
		Lect.	HUJIKATA Kimio	Assoc.Prof.	JIAO Yu		
		Prof.	IWAO Toru	Assoc.Prof.	NAKAGAWA Jun		
		Prof.	SAWANO Kentaro	Lect.	KATAGIRI Yuji		
		Prof.	NAKAJIMA Tatsuhito	Prof.	ITO Kazuya		
		Prof.	NOHIRA Hiroshi	Prof.	SHIRAHATA Hiromi		
		Prof.	FUJITA Hiroyuki	Prof.	SUEMASA Naoaki		
		Prof.	MITANI Yuichiro	Prof.	NAGAOKA Hiroshi ◎		
		Assoc.Prof.	ISHIKAWA Ryousuke	Prof.	MARUYAMA Osamu ◎		
		Assoc.Prof.	SUZUKI Kenji	Prof.	YOSHIDA Ikumasa ○		
	Assoc.Prof.	TORII Susumu	Assoc.Prof.	AKIYAMA Yuki			
	Assoc.Prof.	HOSHI Yusuke	Assoc.Prof.	INAGAKI Tomoyuki			
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Prof.		KANAZAWA Akihiko	Prof.	SAN Hao			
Prof.		KUROIWA Takashi	Prof.	SHIBATA Tsugumichi ◎			
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	Assoc.Prof.	KOUZU Masato	Prof.	YAMAGUCHI Atsuko			
	Assoc.Prof.	KOBAYASHI Ryota	Prof.	YOO Myungryun			
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	Assoc.Prof.	HIDESHIMA Sho	Assoc.Prof.	AIHARA Kensuke			
	Architecture and Civil Engineering	Architecture	Assoc.Prof.	SETO Kenshu	Assoc.Prof.	CHANG Youngha	
			Lect.	Nico Surantha	Assoc.Prof.	CHEN Oribia	
			Lect.	Lim Ying Ying	Assoc.Prof.	NIINOMI Toshihiro	
			Prof.	KYOSO Masaki	Assoc.Prof.	HAYASHI Masahiro	
			Prof.	KIRYU Shogo ◎	Assoc.Prof.	HIRANO Takuichi	
Civil Engineering		Prof.	HAYASAKA Shinya	Prof.	SHIOMOTO Kohei		
		Prof.	MORI Akira △	Prof.	JINNO Kenya		
		Prof.	WATADA Masaya	Prof.	TANAKA Hirokazu		
		Prof.	KANAZAWA Akihiko	Prof.	BAO Yue ◎		
		Prof.	KUROIWA Takashi	Prof.	MORI Hirohiko		
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		Assoc.Prof.	EBA Hiromi	Prof.	BAO Yue ◎		
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		Assoc.Prof.	KOBAYASHI Ryota	Prof.	SHIOMOTO Kohei		
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		Prof.	KYOSO Masaki	Prof.	BAO Yue ◎		
		Prof.	KIRYU Shogo ◎	Prof.	MORI Hirohiko		

*For educational reasons, some academic supervisors do not accept students every admissions round.

○ : Scheduled to retire in March 2024.

◎ : Scheduled to retire in March 2025.

△ : Scheduled to retire in March 2026.

Number of Places and Examination Types

1. Number of Places

Graduate School	Department	Number of Places	
		Master's Course	Doctoral Course
Graduate School of Integrative Science and Engineering	Mechanics	60	8
	Electrical Engineering and Chemistry	66	8
	Cooperative Major in Nuclear Energy	15	4
	Natural Sciences	15	2
	Architecture and Civil Engineering	54	8
	Informatics	66	8

*The number of places includes all candidates for 2022.

2. The Outline of Entrance Examinations

Course	Outline
Master's Course	<p>General screening Candidates are selected based on the performance of a written examination, interview, and the screening of application documents. For applicants from overseas who have approval by the Dean of the Graduate School of Integrative Science and Engineering, a short essay to be completed online may be imposed instead of a written examination. Applicants for the Japanese Government (MEXT) Scholarship, who have passed the initial screening by the embassy may be given an interview before the examination date at the discretion of the Dean of the Graduate School of Integrative Science and Engineering.</p> <p>[Selection method] (1) Screening of application documents (2) Written examination (3) Interview</p>
	<p>Screening for working adults Candidates with sufficient work experience (a minimum of two years) at the time of the application are selected based on the overall performance of the screening of application documents and interview including an oral examination.</p> <p>[Selection method] (1) Screening of application documents (2) Interview (including an oral examination)</p>
	<p>Overseas Partner Institution Admission Scheme Candidates who received recommendations from both of the following are selected based on the overall evaluation of the screening of application documents and interview.</p> <ul style="list-style-type: none"> • The president of the university or undergraduate school to which the applicant belongs. • The head of the department to which the applicant belongs. <p>[Selection method] (1) Screening of application documents (2) Interview</p>

Course	Outline
Doctoral Course	<p>General screening Candidates are selected based on the performance of an interview including an oral examination and the screening of application documents. Applicants for the Japanese Government (MEXT) Scholarship, who have passed the initial screening by the embassy may be given an interview before the examination date at the discretion of the Dean of the Graduate School of Integrative Science and Engineering.</p> <p>[Selection method] (1) Screening of application documents (2) Interview (including an oral examination)</p>
	<p>Screening for working adults Candidates with sufficient work experience (a minimum of two years) at the time of the application are selected based on the overall performance of the screening of application documents and interview including an oral examination.</p> <p>[Selection method] (1) Screening of application documents (2) Interview (including an oral examination)</p>
	<p>Overseas Partner Institution Admission Scheme Candidates who received the recommendations from both of the following are selected based on the overall evaluation of the screening of application documents and interview.</p> <ul style="list-style-type: none"> • The president of the university or graduate school to which the applicant belongs. • The head of the department to which the applicant belongs. <p>[Selection method] (1) Screening of application documents (2) Interview</p>

Screening		Schedule Second Semester		
		February Examination Round ^{*1}	May Examination Round ^{*2}	June Examination Round
Master's Course	General screening	●	The following applicants are eligible • JICA scholarship recipient • The Tokyu Group Foundation recipient • government - scholarship recipients	●
	Screening for working adults	●	—	●
	Overseas Partner Institution Admission Scheme	●	●	—
Doctoral Course	General screening	●	—	●
	Screening for working adults	●	—	●
	Overseas Partner Institution Admission Scheme	●	●	—
Application period		Friday, January 14 to Thursday, January 20, 2022. (Must be postmarked)	Monday, May 2 to Thursday, May 5, 2022. (Due NLT)	Friday, May 20 to Thursday, May 26, 2022. (Due NLT)
Examination dates		Thursday, February 24 to Saturday, February 26.	Wednesday, May 11.	Friday, June 24 to Saturday, June 25.
Notification of result		10:00 a.m., Friday, March 4.	10:00 a.m., Monday, May 23. ^{*3}	10:00 a.m., Friday, July 1.
Enrollment deadline		Must be postmarked by Thursday, March 31.	Must be postmarked by Friday, June 10. ^{*3}	Must be postmarked by Friday, July 29.
Examination center		Tokyo City University Setagaya Campus ^{*4}		

*1 February Examination Round will be held on the same schedule of Schedule C 2022.

*2 May Examination Round will be held on the same schedule of Schedule A 2023, and only applicants related to JICA, The Tokyu Foundation, or applicants designated by our university can take the examination.

*3 Another schedule will be instructed separately to applicants related to JICA.

*4 Applicants applying from outside Japan can take the exam online.

Applicants for the Japanese Government (MEXT) Scholarship, who have passed the initial screening by the embassy may be given an interview before the examination date at the discretion of the Dean of the Graduate School of Integrative Science and Engineering.

Examination may be carried out online, etc., with special instructions.

Please prepare an environment in advance where all of the following conditions are met in case you are instructed to do so.

1. You can prepare an internet environment where you can send and receive video and audio on the day of your own examination, and a quiet environment and equipment (web camera, earphones, microphone, etc.) where you can take the examination and have an interview.
2. You can open and edit files created with Microsoft Office (Word, Excel, etc.).
3. You can open files created with Adobe pdf.
4. You can save, photograph, and send your own answer with clear characters and charts (your mobile phone can be used).

3. General screening Eligibility and screening method

• Eligibility

Master's Course

Applicants who fall under any of the following criteria shall be eligible for admission to the Master's Course of the Graduate School.

- 1) Applicants who have already graduated or are a candidate for graduation from university by September 20, 2022.
- 2) Applicants who have been granted a bachelor's degree by the National Institution for Academic Degrees and Quality Enhancement of Higher Education.
- 3) Applicants who have completed a 16-year school education course in a foreign country or are a candidate for completion by September 20, 2022.
- 4) Applicants who have completed a 16-year education course of a foreign country by taking, in Japan, a correspondence course provided by a school of that country.
- 5) Applicants who have completed a course of a foreign school designated as equivalent to a foreign university in Japan (a foreign university branch in Japan designated by the Minister of Education, Culture, Sports, Science and Technology)
- 6) Applicants who have been granted a degree equivalent to a bachelor's degree by completing a course of at least three years of study at a foreign university (the evaluation must be made by an institution who has been accredited by the government or relevant organization of the foreign country with respect to the overall status of its education and research activities, etc., or be designated separately by the Minister of Education, Culture, Sports, Science and Technology as equivalent to such evaluation). *
- 7) Applicants who have completed more than four years of a specialist course at a vocational school, which meets the criteria specified by the Minister of Education, Culture, Sports, Science and Technology, and designated separately by the Minister of Education, Culture, Sports, Science and Technology after the date specified by the Minister of Education, Culture, Sports, Science and Technology.
- 8) Applicants who have been appointed by the Minister of Education, Culture, Sports, Science and Technology.
- 9) Applicants who have been recognized to have abilities equivalent to those who have completed university by our Graduate School. *

Doctoral Course

Applicants who fall under any of the following criteria shall be eligible for admission to the Doctoral Course of the Graduate School.

- 1) Applicants who hold a master's degree or professional degree, or those who are a candidate for completion by September 20, 2022.
- 2) Applicants who have been granted a master's degree or a degree equivalent to a professional degree outside of Japan, or those who are a candidate for completion by the end of September 20, 2022.
- 3) Applicants who have been granted a master's degree or a degree equivalent to a professional degree by taking correspondence courses provided by a school outside of Japan in Japan.
- 4) Applicants who have been granted a master's degree or a degree equivalent to a professional degree by taking correspondence courses provided by a school outside of Japan in Japan as specified as equivalent to a graduate school outside of Japan.
- 5) Applicants who have completed the courses of the United Nations University and have been granted a degree equivalent to a master's degree.
- 6) Applicants who have been appointed by the Minister of Education, Culture, Sports, Science and Technology.
- 7) Applicants who have been recognized by the Graduate School as having abilities equivalent to those who have completed a master's degree or professional degree.*

* Please be sure to inquire 30 days prior to the start of the application to determine eligibility.

• Screening method

Master's Course

Examination date		Time	Subject
February	June		
Thursday, February 24	Friday, June 24	12:30 p.m. to 5:00 p.m.	Architectural Design (Only for the Architecture discipline of the Architecture and Civil Engineering Department)
Friday, February 25	Saturday, June 25.	10:00 a.m. to 11:30 a.m.	Foreign language (English) ^{*1}
		12:30 p.m. to 3:30 p.m.	Specialized subject ^{*2 *3}
Saturday, February 26		From 1:00 p.m. (Japan time)	Interview
	Saturday, June 25.	From 5:00 p.m.(Japan time)	

*1: For the examination of foreign language subject (English), applicants may use their own English - Japanese dictionary (Applicants from overseas can use a dictionary of English and their native language). However, the use of an electronic dictionary is not allowed.

*2: For the examination of specialized subjects, applicants may use their own function calculator.

*3: When Architectural Design is selected as a specialized subject (2), the exam time is 12:30 p.m. to 2:00 p.m.

Different instructions may be given to applicants applying from outside Japan.

For applicants from overseas who have approval by the Dean of the Graduate School of Integrative Science and Engineering, a short essay to be completed online may be imposed instead of a written examination.

Applicants for the Japanese Government (MEXT) Scholarship, who have passed the initial screening by the embassy may be given an interview before the examination date at the discretion of the Dean of the Graduate School of Integrative Science and Engineering.

Doctoral Course

Examination date		Time	Subject
February	June		
Saturday, February 26		From 1:00 p.m. (Japan time)	Interview (including an oral examination)
	Saturday, June 25.	From 5:00 p.m. (Japan time)	

* Different instructions may be given to applicants applying from outside Japan.

4. Screening for working adults

Eligibility and screening method

• Eligibility

Master's Course

Candidates have sufficient work experience (a minimum of two years) at the time of the application and are eligible for general screening.

Doctoral Course

Candidates have sufficient work experience (a minimum of two years) at the time of the application and are eligible for general screening.

• Screening method

Master's Course / Doctoral Course

Examination date		Time	Subject
February	June		
Saturday, February 26		From 1:00 p.m. (Japan time)	Interview (including an oral examination)
	Saturday, June 25.	From 5:00 p.m. (Japan time)	

* Different instructions may be given to applicants applying from outside Japan.

* The school offers a tuition reduction and exemption system (only for the minimum years required for graduation). The school conducts screening upon request from the applicants. The Doctoral Course may offer a 90% reduction in the annual tuition, and the Master's Course may offer a 50% reduction in the annual tuition.

5. Overseas Partner Institution Admissions Scheme

Eligibility and screening method

• Eligibility

Master's Course / Doctoral Course

Candidates who received recommendations from both of the following and are eligible for general screening.

- The president of the overseas partner institutions or its graduate school to which the applicant belongs.
- The head of the department to which the applicant belongs.

• Screening method

Master's Course / Doctoral Course

Examination date		Time	Subject
February	May		
Saturday, February 26		From 1:00 p.m. (Japan time)	Interview
	Wednesday, May 11.	From 1:30 p.m. (Japan time)	

Notes for applicants from overseas

Applicants who are not resident in Japan may take the interview (and an oral examination) via Zoom. Please arrange this with the university when applying.

Examination Subjects and Notes [Master's Course General screening]

Department	Discipline Date Friday, February 25. Saturday, June 25.	Subjects		
Mechanics	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
	12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): Industrial mechanics The questions will be drawn from the following subject areas: the equilibrium of forces, equilibrium of moment, truss, distribution force, center of gravity and moment of inertia, translation and revolution of rigid body, rigid-body dynamics, frictional force, and conservation of mechanical energy.</p> <p>◆ Specialized subject (2): Resolve an academic supervisor's subject provided on a separate list.</p>	
	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
	12:30 p.m. to 3:30 p.m.	Specialized subjects	<p>◆ Specialized subject (1): Mathematics and Engineering mechanics Mathematics: The questions will be drawn from the subject areas of linear algebras, calculus (including differential equation), vector analysis and Fourier analysis. Engineering mechanics: A set of problems covering static and dynamics for rigid-body will be provided including vector analysis, force and the moment of force, center of gravity, the equilibrium of rigid body, frictional force and work, principle of virtual work, kinematics of rigid body, translation of rigid bodies and the equation of revolving motion, d'Alembert's principle, and conservation of mechanical energy and momentum. ◆ Specialized subject (2): Electrophysics and a subject specified by the academic supervisor Electrophysics: The questions will be drawn from the subject areas of electromagnetics (Coulomb's law, electric field, electrostatic capacity, magnetic field, Lorentz force, and electromagnetic induction). Subject specified by the academic supervisor: Resolve an academic supervisor's subject provided on a separate list.</p>	
Electrical Engineering and Chemistry	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
	12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): Fundamental electricity The multiple-choice questions will be drawn from the following subject areas: Electric circuits (direct current circuits, AC circuits, three-phase circuits, mutual induction and bridge circuits, distorted waves, the transient of direct current circuits and AC circuits, two-terminal pair circuits), and electromagnetics (Coulomb's law, Gauss's law, electric field, electrostatic capacity, magnetic field, and electromagnetic induction and inductance). ◆ Specialized subject (2): Resolve an academic supervisor's subject provided on a separate list.</p>	
	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
	12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): Candidates selects from fundamental electricity, fundamental medical instruments to answer. Fundamental electricity: The multiple-choice questions will be drawn from the following subject areas: Electric circuits (direct current circuits, AC circuits, three-phase circuits, mutual induction and bridge circuits, distorted waves, transient of direct current circuits and AC circuits, two-terminal pair circuits) and electromagnetics (Coulomb's law, Gauss's law, electric field, electrostatic capacity, magnetic field, and electromagnetic induction and inductance). Fundamental medical instruments: The questions will be drawn from fundamental mechanics, kinematics, and medical materials. ◆ Specialized subject (2): Resolve an academic supervisor's subject provided on a separate list.</p>	

Department	Discipline	Date	Subjects		
Electrical Engineering and Chemistry	Applied Chemistry	Friday, February 25. Saturday, June 25.	Foreign-Language subject	English	Required
		10:00 a.m. to 11:30 a.m.	Specialized subject	<p>◆ Specialized subject (1): Candidates select two questions from five questions of solid-state chemistry, electrochemistry, interfacial chemistry, polymer chemistry, and biochemistry to answer.</p> <p>Solid-state chemistry: Crystal chemistry (including lattice defect), thermodynamics of solid-phase reaction, diffusion phenomena, and material properties (mainly the phenomena of electric conduction, semiconductor properties, and the phenomena of dielectric.)</p> <p>Electrochemistry: The characteristics of electrolyte solution, electrochemical equilibrium, electrode reaction theories, and batteries and electrolysis.</p> <p>Interfacial chemistry: Surface tension and interfacial phenomena, surfactants and molecular assembly, adsorption phenomena, and the state of solid surface.</p> <p>Polymer chemistry: The structure and properties of polymer, polymer synthesis, polymer reaction, and the functionality of polymer materials.</p> <p>Biochemistry: The structure and characteristics of biomolecules (saccharinity, protein, nucleic acid, and lipids), enzymes, flow of genetic information, and biological membranes.</p> <p>◆ Specialized subject (2): Candidates must select from five questions from chemical thermodynamics, quantum chemistry, physical chemistry, organic chemistry, and inorganic chemistry, including a question from an academic advisor's subject provided on a separate list to answer a total of three questions.</p>	
Cooperative Major in Nuclear Energy	Cooperative Major in Nuclear Energy	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
		12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): Fundamental nuclear energy and radiation Candidates select four questions voluntary from nuclear power engineering (two questions), radioactivity and radiation (one question), physics (one question), chemistry (one question) and mathematics (one question) to answer.</p> <p>◆ Specialized subject (2): Resolve an academic supervisor's subject provided on a separate list.</p>	
Natural Sciences	Natural Sciences	10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
		12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): On the day of the examination, please select two out of five questions covering mathematics, physics, chemistry, biology, and geology. Mathematics: Mathematical analysis, algebra, geometry Physics: Quantum mechanics, statistical mechanics Chemistry: Physical chemistry, organic chemistry, inorganic chemistry Biology: Zoology, botany, microbiology Geology: Geoscience, space science</p> <p>◆ Specialized subject (2): Please select one of the academic supervisor's subjects provided on a separate list.</p>	
Architecture and Civil Engineering	Architecture	Thursday, February 24. Friday, June 24. 12:30 p.m. to 5:00 p.m.	Specialized subject (2)	Architectural Design	Take an exam by selecting Architectural Design from the academic supervisor's subjects. In addition, note that the exam date is February 24 or June 24.
		Friday, February 25. Saturday, June 25. 10:00 a.m. to 11:30 a.m.	Foreign-Language subject	English	Required
		Friday, February 25. Saturday, June 25. 12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆ Specialized subject (1): Specialized comprehensive subject Six questions will be drawn from architectural planning, architectural history and theory, six questions from architectural structure studies, six questions from building construction materials and techniques and six questions from architectural environmental studies and architectural equipment studies, totaling 24 questions. In addition, if Architectural Design is selected as a specialized subject (2), note that the exam for specialized subject (2) will be given on a separate date, and the exam time will be only for specialized subject (1).</p> <p>◆ Specialized subject (2): Please select one of the academic supervisor's subjects provided on a separate list. Applicants taking Architectural Design need to be mindful that the exam date is February 24 or June 24.</p>	
		If Architectural Design is selected as a specialized subject (2) 12:30 p.m. to 2:00 p.m.			

Department	Discipline	Date		Subjects	
		Friday, February 25.	Saturday, June 24		
Architecture and Civil Engineering	Civil Engineering	10:00 a.m. to 11:30 a.m.	Foreign-Language Subject	English	Required
		12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆Specialized subject (1): Specialized comprehensive subject</p> <p>Candidates select two out of five questions from hydraulics, concrete technology, structural mechanics, geotechnology, and city planning studies on the day of the examination to answer.</p> <p>◆Specialized subject (2):</p> <p>Resolve an academic supervisor's subject provided on a separate list.</p>	
Informatics	Information Engineering	10:00 a.m. to 11:30 a.m.	Foreign-Language Subject	English	Required
		12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆Specialized subject (1): Candidates selects from fundamental electricity, the introduction to computer, and fundamental statistical data to answer.</p> <p>Fundamental electricity:</p> <p>The multiple-choice questions will be drawn from the following subject areas: Electric circuits (direct current circuits, AC circuits, three-phase circuits, mutual induction and bridge circuits, distorted waves, the transient of direct current circuits and AC circuits, two-terminal pair circuits) and electromagnetics (Coulomb's law, Gauss's law, electric field, electrostatic capacity, magnetic field, and electromagnetic induction and inductance).</p> <p>Introduction to computer:</p> <p>The questions will be drawn from Fundamental Computer Studies in Science and Technology written by Inagaki and published by Corona Publishing.</p> <p>Fundamental statistical data:</p> <p>The questions will be drawn from representative values (averages, deceneration, standard deviation, coefficient of correlation and regression lines), probability distribution and expected values, deceneration (normal distribution, uniform distribution, exponential distribution, t-distribution, chi-squared distribution, binomial distribution, and Poisson distribution), and the interval estimation and hypothesis testing of population mean, and population variance.</p> <p>◆Specialized subject (2):</p> <p>Resolve an academic supervisor's subject provided on a separate list.</p>	
Systems Information Engineering	Systems Information Engineering	10:00 a.m. to 11:30 a.m.	Foreign-Language Subject	English	Required
		12:30 p.m. to 3:30 p.m.	Specialized subject	<p>◆Specialized subject (1): Candidates selects from the introduction to computer and fundamental statistical data to answer.</p> <p>Introduction to computer:</p> <p>The questions will be drawn from the fundamental computer studies in science and technology written by Inagaki and published by Corona Publishing.</p> <p>Fundamental statistical data:</p> <p>The questions will be drawn from representative values (averages, deceneration, standard deviation, coefficient of correlation and regression lines), probability distribution and expected values, deceneration (normal distribution, uniform distribution, exponential distribution, t-distribution, chi-squared distribution, binomial distribution, and Poisson distribution), and interval estimation and hypothesis testing of population means and population variance.</p> <p>◆Specialized subject (2):</p> <p>Resolve an academic supervisor's subject provided on a separate list.</p>	

Notes

1. Please choose if you wish to take the foreign language subject (English) or to be exempted from the exam at the time of application.
2. For the examination of foreign language subject (English), applicants may use their own English - Japanese dictionary (Applicants from overseas can use a dictionary of English and their native language). However, the use of an electronic dictionary is not allowed.
3. For the examination of specialized subjects, applicants may use their own function calculator.
4. In cases where candidates do not take all subjects for academic assessment, they are not allowed to take an interview.
5. A candidate who is unsuccessful in their application but meets the benchmark for the foreign language subject can apply to be exempted from the English language examination for their next attempt.

For details, please contact the Academic Support Center, Setagaya Campus, before submitting the application.

List of subjects by academic supervisors Master's Course General screening

On the day of the examinations, candidates must take the examinations for the courses and domains instructed by academic supervisors as provided in the list of examination subjects. Candidates will receive a zero score if they do not answer questions for the subjects by academic supervisors according to the instructions.

Department	Discipline	Academic Supervisors	Subject name	The scope of the examination
Mechanics	Mechanical Engineering	KISHIMOTO Yoshinao	Strength of materials	The questions will be drawn from (1) the stress and the strain of object by tensile/compressive deformation, (2) the stress and the deflection of beam by bending and (3) the Mohr's stress circle.
		KOBAYASHI Yukiyooshi		
		MAKI Tetsuo	Mechanical Dynamics	The questions will be drawn from kinetics including kinematics in rigid-body and the vibration engineering of MDOF spring.
		SAKURAI Toshiaki		
		SUGIMACHI Toshiyuki		
		NISHIBE Koichi	Fluid Mechanics	The questions will be drawn from the physical properties of fluids, statics of fluids, basis of fluid motion, measuring method of fluids, theories of momentum, fluid friction, flow of duct lines, dimensional analysis and similarity law, and the flow around objects.
		FUJIMURA Tamiro		
		MIHARA Yuji	Thermodynamics	The questions will be drawn from temperatures and heat quantity, the first law of thermodynamics, the second law of thermodynamics, ideal gas, and gas cycle.
		ITO Akemi		
		SHIRAKI Naoto		
	FUJIMA Takuya	Engineering Materials	The questions will be drawn from the crystal structure and binding of materials, strength and deformation of materials, equilibrium diagram, production and processing of materials, diffusion and high-temperature deformation, phase transformation and heat processing, material testing method, fracture mechanics, material analysis method, and functional materials.	
	MARUYAMA Satofumi			
	KAMEYAMA Yutaka			
	SATO Hideaki	Surface engineering and machining	The questions will be drawn from mechanical technology, surface finishing, environmental conservation and waste disposal.	
	Mechanical Systems Engineering	Control Engineering	NONAKA Kenichiro	Step response of systems, frequency response, Bode diagram, stability, and block diagram.
			SEKIGUCHI Kazuma	
		Material Mechanics and Materials for Machinery	MIYASAKA Akhiro	Stress and deformation on the tension, compression, twisting and deflection of materials, combined stress (Mohr's stress circle), metal and crystal architecture, equilibrium diagram and production method and property of steel materials.
			AKITA Koichi	
		Electric-Electronic Circuit	KUMAGAI Masayoshi	DC circuits (Ohm's law, Kirchhoff's law, Principle of superposition, and Thevenin's theorem), AC circuits (phasors, phasor diagram, complex number expression, impedance, instantaneous value and electricity), the basis of electronic circuits (diode, transistor, op-amp, and logic circuits).
			TANAKA Yasuhiro	
Thermodynamics and Fluid Mechanics		MIYAKE Hiroaki	Thermodynamics: The first and second laws of thermodynamics, state changes, cycles, entropy, and exergy. Fluid mechanics: Hydrostatic equilibrium, the equation of continuity, Bernoulli's equation, the law of conservation of momentum, energy loss, and fluid force exerted on objects.	
		HUKATA Kimio		
Mechanics and Mechanical Vibrations		SHIMANO Kenjiro	The questions will be drawn from the kinematics and dynamics of planar closed-loop mechanisms and manipulators as well as the dynamics of one and three-degree-of-freedom vibration systems.	
		NAGANO Hideaki		
	WATANABE Rikio			
	SHIRATORI Suguru			
Electrical Engineering and Chemistry	Electrical and Electronic Engineering	SATO Daisuke		
		YABUI Shota		
		Nanoelectronics Engineering	SAWANO Kentarou	The questions will cover basic electron physics and semiconductor devices.
			NOHIRA Hiroshi	
			FUJITA Hiroyuki	
			MITANI Yuichiro	
			ISHIKAWA Ryosuke	
		Electrical Machinery Engineering	HOSHI Yusuke	Several questions covering basic area of electrical machinery and power electronics, as well as classical control theory and modern control theory, will be given as multiple-choice questions.
			SUZUKI Kenji	
		Power System Engineering	TORII Susumu	The questions will cover basic terminology of power system engineering, load-flow calculation of the transmission lines of the trunk transmission power system, voltage calculation of the main connected with renewable energy power, and the basic knowledge of grid connection inverters for renewable energy power.
	NAKAJIMA Tatsuhito			
	Plasma Application Engineering	IWAO Toru	The examination will cover the basic area of electrical discharge engineering, plasma engineering, high-voltage engineering, high-current engineering, electric power generation and electric power transformation engineering, and electronic measurement in multiple-choice questions.	
		Nico Surantha		
	High Current Energy Engineering		The questions will cover the basic areas of discharge plasma engineering, high-voltage engineering, high-current engineering, power generation and transformation engineering, electronic measurement, AI, big data and mathematical data science, cyber-physical DX, and energy digital transformation.	
	Circuit Design	SETO Kenshu	The questions will cover circuit design using a calculator and software.	
		Lim Ying Ying		
	Flexible Electronics Applications		Electromagnetism: Maxwell's equations Electric circuits: high frequency transmission lines, microstrip line, coplanar line, impedance matching	
	Biomedical Engineering	Clinical Instrument Engineering	MORI Akira	The questions will cover clinical medical technology, life support and assistive technology, as well as the area of related technology.
WATADA Masaya				
Medical Electronics		KIRYU Shogo	The questions will cover the basis of acoustic technology, resonance phenomena and resonance circuits, and electromagnetic induction.	
		KYOSO Masaki		
Bio Instrumentation			The questions will cover brain neurophysiology, electrophysiology, biosignal processing, bioinstrumentation, and electronic circuits.	
Biomaterials and Bioengineering		MOMOZAWA Ai	The questions will cover biomaterials and related area.	
		HAYASAKA Shinya		
Introduction to Clinical Medicine	YOKOYAMA Sousuke	The questions will cover clinical research design, data analysis in clinical medicine research, and epidemiology.		
	KOBAYASHI Chihiro			
Applied Chemistry	Cell and Tissue Engineering	KOUZU Masato	The questions will cover biochemistry and related area.	
		HIDESHIMA Sho		
	Chemical Thermodynamics		The questions will cover gas properties, various thermodynamic functions (enthalpy, entropy, and Gibbs energy), thermochemical equations, chemical equilibrium, and phase equilibrium.	
	Quantum Chemistry	EBA Hiromi	The questions will cover optical particulates and wave nature of matter, orbit and energy level of electrons, wave functions and Schrödinger equation, hydrogen atom and many-electron atom, periodic law, molecular orbital method and electronic structure and the properties of substances.	
		KUROIWA Takashi		
	Physical Chemistry	TAKAHASHI Masashi	The questions will cover the kinetic theory of molecules (Maxwell-Boltzmann distribution, the collision of gaseous molecules, transport property of ideal gas), the chemical kinetics (reaction rate equation, reaction mechanism, elementary reaction and complex reaction, and temperature dependence of reaction rates), and the chemical bond theory (molecular orbital method, hybrid orbital, the polarity of covalent bond, ionic binding and ionic crystal).	
		MUNAKATA Fumio		
	Organic Chemistry	KANAZAWA Akihiko	The questions will cover the nomenclatures of organic compounds, the structure of organic compounds, properties of organic compounds, and organic reaction mechanism.	
		IWAMURA Takeru		
Inorganic Chemistry	SHIOTSUKI Masashi	The questions will cover the structure of many-electron atom, covalent binding and ion binding, crystal structure and stability, and each element.		
	KOBAYASHI Ryota			
Cooperative Major in Nuclear Energy	Cooperative Major in Nuclear Energy	TAKAKI Naoyuki	Nuclear System Engineering	The questions will cover nuclear reaction, reactor physics, and nuclear power plant engineering.
		KAWARABAYASHI Jun	Radiation Measurement and Applied Radiation Engineering	The questions will cover ionizing radiation measurement engineering, accelerator engineering and ionizing radiation physics.
		HAGURA Naoto		
		MATSUURA Haruaki	Nuclear Decommissioning, Reprocessing, Fuel Cycle, Topend and Backend Engineering	The questions will cover radiochemistry, nuclear fuel cycle, radioactive waste disposal, nuclear fuel engineering and nuclear decommissioning.
		SATO Isamu		
		OHTORI Yasuki	Nuclear Structural and Seismic Engineering	The questions will cover structural and seismic engineering for nuclear facilities
		NAKAMURA Izumi		
		SUZUKI Tohru	Nuclear Safety Engineering	The questions will cover nuclear safety, heat transfer flow, stochastic risk assessment, and severe accidents.
MUTA Hitoshi				

Department	Discipline	Academic Supervisors	Subject name	The scope of the examination
Natural Sciences	Natural Sciences	IJIMA Masanori	Polymer Chemistry	The questions will cover conformation, thermal properties, and the mechanical properties of macromolecules.
		SUDO Seichi	Solution Chemistry	The questions will cover the mechanical properties, electromagnetic properties, optical properties, and thermodynamic properties of aqueous solution.
		FUKUDA Tatsuya	Evolutionary Biology	The questions will cover the evolution, transmission, classifications, and biology of organisms.
		YOSHIDA Masafumi	Analytical Chemistry	The questions will cover the extraction, separation, and instrumental analysis of chemicals.
		TSUMURA Kohji	Astronomy	The questions will cover astronomy and planetary science.
		NAKAJIMA Yasuhisa	Geoscience	The questions will cover the formation process of planets, orogeny, plate tectonics, petrology, sedimentology, stratigraphy, and paleontology.
		NISHIMURA Daiki	Nuclear Physics	The questions will cover atomic nucleus, radioactivity, and accelerators.
		HATTORI Shin	Algebra and Geometry	The questions will cover linear algebra, infinitesimal calculus, vector calculus, complex function studies, aggregation and topology, groups, rings, fields, and modules.
		HORIKOSHI Atsushi	Theoretical Physics 1	The questions will cover quantum mechanics, and statistical mechanics.
		OSADA Takeshi	Theoretical Physics 2	The questions will cover analytical mechanics, quantum mechanics, and the theory of relativity.
Architecture and Civil Engineering	Architecture	KADOTA Kenichi	Space Science	The questions will cover astronomy and cosmic ray.
		TEZUKA Takaharu	Architectural Design	The questions will cover the characteristics of excellent architectures, origin and theories.
		FUKUSHIMA Katsuya		
		HORIBA Hiroshi		
		NAKAGAWA Jun	Architectural Planning and Architectural History	The questions will cover various architectural plans, urban planning, history and theory.
		KATAGIRI Yuiji		
		OOMURA Tetsuya	Architectural Structure	The questions will cover material mechanics and statically indeterminate structural mechanics.
		JIAO Yu	Building Construction Materials and Techniques	The questions will cover building construction methods, building materials and building production.
		OMI Yasuo		
		SATO Sachie		
	OCHIAI Yo	Architectural Environment Facilities	The questions will cover thermal environment, air environment, light environment, visual environment, air-conditioning facilities, ventilation facilities, sanitary facilities and lighting facilities.	
	IVASHITA Go			
	KOBAYASHI Shigeo			
	KONDO Yasushi	Structural Safety Engineering	The questions will cover statically determinate structure and statically structural mechanics concerning material mechanics, beam, truss and Rahmen.	
	SHIRAHATA Hiromi			
	MARUYAMA Osamu			
	YOSHIDA Ikumasa	Disaster Reduction Engineering	The questions will cover basic items concerning various mechanics and the disaster reduction such as seismic engineering.	
	KURIHARA Norihiko			
	SEKIYA Hidehiko			
	ITOH Kazuya	Ground Environment Engineering	The questions will cover geotechnology (mainly basic characteristics, compaction, permeation, compression, consolidation, shear of soil, liquefaction, earth pressure, support force, and slope failure) and related areas.	
SUEMASA Naoki				
NAGAOKA Hiroshi	Aquatic Environment Engineering	Examinees may select one area from the following two areas: A: Aquatic environment engineering (water quality conversion process in the waters, laws and regulations concerning the aquatic environment, conservation measures for the aquatic environment, etc.), water supply engineering, and sewerage engineering. B: Coastal engineering (basic properties of ocean waves, beach process, coastal protection facilities, coastal disaster prevention.)		
MIKAMI Takahito				
GOSO Takashi	Construction Management	The questions will cover construction management (mainly infrastructure management, project management, procurement issues, public policies, construction market, construction industry and construction companies, and the management of design and construction technology) and related areas.		
AKIYAMA Yuki	Urban planning and Transportation Planning	The questions will cover urban planning, urban transportation planning and transportation engineering.		
INAGAKI Tomoyuki				
Informatics	Information Engineering	OYA Hidetoshi	Control System Engineering	The questions will cover the fundamentals of classical control engineering and modern control theory.
		TAGUCHI Akira	Applied Mathematics①	The questions will cover the areas of analog / digital system analysis.
		NINOMI Toshihiro	Applied Mathematics②	The questions will cover the areas of information theory and coding theory
		AIHRA Kensuke	Applied Mathematics③	The questions will cover the areas of numerical analysis and mathematical optimization.
		NAKANO Hidehiro	Electronic Computer Engineering	Several questions covering computer systems, computer architecture, and related area will be given as multiple-choice questions.
		CHEN Oribia	Computer Software	The questions will cover the basic technology of operating systems including process management, process coordination, memory management and storage management.
		YOO Myungryun		
		YOKOYAMA Takanori		
		MUKAI Nobuhiko	Computer Vision and Graphics	The questions will cover the Image Processing Technology written by Murakami and published by Tokyo Denki University Press and Computer Graphics from the Basics written by Mukai and published by Nisshin Publishing.
		CHANG Youngha	Knowledge Information Engineering	Several questions will cover the areas of pattern recognition, natural language processing and artificial intelligence.
	ARAI Shuichi			
	SAWAHASHI Mamoru	Communication System Engineering (1)	The questions will cover communication engineering, digital modulation method and multi access.	
	OKANO Yoshinobu	Communication System Engineering (2)	The questions will cover electromagnetic wave theory and electrical wave engineering.	
	HAYASHI Masahiro	Communication System Engineering (3)	The questions will cover communication reliability engineering, data processing related to reliability, and measures for communication reliability.	
	HIRANO Takuichi	Communication System Engineering (4)	The questions will cover signal processing and wireless circuits.	
	SAN Hao	Integration System Engineering	Several questions will be drawn from the areas of circuit theory, electronic circuits, and integrated circuitry engineering.	
	SHIBATA Tsugumichi			
	KAWAI Takazumi			
	TAKAHASHI Hirotaka	Data Science	Several questions will cover the areas of machine learning, database and signal processing.	
	YAMAGUCHI Atsuko			
Systems Information Engineering	Systems Information Engineering	MORI Hirohiko	Human Media Engineering	The questions will be drawn from the first chapter of Human Machine Interface Design written by Makoto Yoshida and published by Kyoritsu Publishing and the first and the second chapters of Human Computer Interaction written by Kenichi Okada, et al. and published by Ohmsha.
		SHIOMOTO Kohei	Network Information Engineering①	The questions will cover the basic knowledge about computer network mainly on TCP/IP technology, as well as the latest trends and knowledge about communication network technology and its application.
		JINNO Kenya	Network Information Engineering②	The questions will cover the areas of machine learning, optimization theory, and nonlinear dynamical system theory.
		BAO Yue	Vision System Engineering	The questions will cover projection transformation, perspective transformation, binarization, median filter and pattern matching('Gazō Shori Kōgaku. Kiso.' Keiji Taniguchi, Kyoritsu Shuppan), as well as outline extraction, labeling and brightness, chromaticness and hue of color image('Practical Image Processing Learning by C-laguage' Seiki Inoue etc., Ohmsha).
		HAMURA Masaki	Service Design Engineering	The questions will cover the basic concept and the methodology about product-service design in the informatics field.References: 'Service Design: From Insight to Implementation' written by Andy Polaine(Maruzen Publishing) and 'THIS IS SERVICE DESIGN THINKING.' written by Marc Stickdorn(BNN, Inc.)
		TANAKA Hirokazu	Brain Information Engineering	The questions will cover the mathematical modelization of living things based on optimization theory and the statistical estimation theory from the field of Brain Information Engineering .References: 'Keisanronteki Shinkeikagaku' written by TANAKA Hirokazu(Morikitaaruzen Publishing)

Application Procedures and Notes on Examination Center

1. Validation of the consent of application

*Refer to the appendix, Academic Supervisors (TBD).

Applicants must consult with an academic supervisor for the course they are applying for prior to the submission of their application and get the permission for application from the academic supervisor by e-mail.

* Academic supervisors marked with a circle, a double circle or a delta on the separate list "Academic Supervisors (TBD)" may be subject to change during the academic year.

If the applicants are applying for the course taught by these academic supervisors, permission by the staff who will subsequently take over the research guidance is also required.

2. Application Fee

JPY 35,000 — Please pay the application fee using the application fee payment system.

An additional payment fee of JPY 990 will be required at the time of the payment of the application fee.

URL <http://www.guide.52school.com/guidance/pay-tcu-g/>

3. List of application documents

Applicants must submit the documents marked with ● in the space provided under "Intended for" in the following table.

Please be careful because the documents may differ depending on the programs and examination types.

*The following transcripts, certificates, and other documents must be issued within three months from the date of the application.

	Intended for		Prescribed Forms	Application Documents	Notes
	Master's Course	Doctoral Course			
1	●	●	Form A	Application Form	Specify the name of the course applying for and get the permission for application from the academic supervisor by e-mail.
1'	●	●	—	Permission e-mail	Enclose a copy of the e-mail by which the permission for application is got from the academic supervisor.
2	●	●	Form B	Application Fee	JPY 35,000 Please pay the application fee using the application fee payment system, and affix a receipt on the Form B.
3	●	●		Secondary Form (Photograph Ticket)	Affix a photograph taken within three months of submission of the application. The photograph must be taken from the waist up, directly facing the camera, and bareheaded. (Four cm in height and three cm in width). Affix the photograph in the prescribed section of Form B.
4	●	●	Form C	Statement of Purpose	Specifically state the reasons for applying. (Be sure to prepare the statement to fit the format.)
5	●	●	—	Transcripts	Applicants for the Master's Course Applicants' transcripts obtained from undergraduate studies at a university. Applicants for the Doctoral Course Applicants' transcripts obtained from undergraduate studies at a university, as well as ones from a graduate school. *Applicants who graduated from a technical college must submit transcripts from the school. <For international students, please refer to 9. "Notes for International Students" described below.>
6	●	●	—	Graduation Certificate and Certificate or Expected Graduation	Applicants for the Master's Course Submit a graduation certificate (graduation and degree certificate) or a certificate of expected graduation obtained from undergraduate studies of a university. Applicants for the Doctoral Course Submit a completion certificate for a graduate school or Master's Course, or a certificate of expected graduation. <For international students, please refer to 9. "Notes for International Students" described below.>
7	● Intended for the applicants of the [Screening for working adults]	● Intended for the applicants of the [Screening for working adults]	Form D	Curriculum Vitae	Submit either Form D (filled out by the applicant) or Form E (filled out by a person acquainted with the applicant.) *Submit Form E sealed in an envelope.
8	● Intended for the applicants of the [Screening for working adults]	● Intended for the applicants of the [Screening for working adults]	Form E	Letter of Recommendation	In addition, other types of form are also accepted if the forms include all items on the prescribed forms. * Applicants who wish to apply for the tuition reduction and exemption system must check the box for "Yes."

	Intended for		Prescribed Forms	Application Documents	Notes
	Master's Course	Doctoral Course			
9	● Intended for the applicants for [Overseas Partner Institution Admissions Scheme]	● Intended for the applicants for [Overseas Partner Institution Admissions Scheme]	Form F	Letter of Recommendation	When the applicants wish to apply under the Overseas Partner Institution Admissions Scheme submit the recommendation letter jointly signed by <ul style="list-style-type: none"> • The president of the university or graduate school to which the applicant belongs. • The head of the department to which the applicant belongs.
10	—	●	Form G	The summary of research in the Master's Course, etc. and research plans in the Doctoral Course.	* Applicants for screening for working adults may list a summary of their most recent research in the section for the summary of research in the Master's Course, etc.
11	● Intended for international students	● Intended for international students	Form H	Survey form for the circumstances of international students	Applicants must attach copies of the relevant pages (pages showing their name, photograph, signature, etc.) of their passport or copies of both sides of their residence card to confirm their nationality, resident status, etc.
12	●	●	Form I	Address stickers for an examination ticket	Clearly state the address for sending an examination ticket, acceptance letter, and other documents related to admission.
13	● If applicable	—	—	Certificate of accreditation exam TOEIC official certificate	Applicants who want to be exempted from taking the examinations for a foreign language subject (English) need to submit. <See the following> 5. The exemption for the English examination with the TOEIC tests 6. Exemption of examination subjects with a subject accreditation examination
14	● Graduated from Chinese universities	● Graduated from Chinese universities	—	Qualification Certificate	Please submit the certificate issued by CHSI. When submitting an electronic version of the certificate, only the one sent directly from CHESICC to our university's Academic Support Center will be valid. <Please refer to "9. Notes for international students " below.
15	● Graduated from Chinese universities	● Graduated from Chinese universities	—	Transcript of results	Please submit the certificate issued by CHSI. When submitting an electronic version of the certificate, only the one sent directly from CHESICC to our university's Academic Support Center will be valid. <Please refer to "9. Notes for international students " below.
16	—	● Graduated from Chinese universities	—	Credentials Report	(Doctoral course only) Please submit the certificate issued by CDGDC. If you submit an electronic version of the certificate, only the one sent directly from CDGDC to our university's Academic Support Center will be valid. <Please refer to "9. Notes for international students " below.

4. Notes on Application

Note 1: To pay the application fee, access the following website (<http://www.guide.52school.com/guidance/pay-tcu-g/>). Upon registration, visit your nearest convenience store (7-Eleven, Lawson, FamilyMart, Ministop, daily-yamazaki, and Seicomart) or Pay-Easy (ATMs of Japan Post Bank and banks in Japan with a Pay-Easy sign). You may also pay with a credit card. An additional payment fee of JPY 990 will be required at the time of the payment of the application fee.

*The application fee cannot be paid via the teller at bank institutions.

*Please note that the application fee, once paid, shall not be refunded under any circumstances.

*If the applicant's family member or acquaintance completes the application procedures on behalf of the applicant, the application documents must include information about the applicant.

Note 2: Although the submission of medical examination reports is not required at the time of the submission of the application, please contact the Academic Support Center prior to the submission if special consideration is required for taking the examination or schooling due to physical disabilities.

Note 3: Even if the applicants graduated from a university overseas and have only one original of their application documents, we will always check the original. In this case, please notify before applying.

In principle, submitted documents will not be returned, but applicants who wish to have their documents returned should consult with us in advance.

Note 4: Those who do not have a status of residence in Japan may need to delay your entry into Japan because of the necessity to apply for a new visa.

Note 5: Only one screening can be applied for each application period. In addition, only one academic supervisor can be listed in the "Academic Supervisors (TBD)" section of Form A (except for those who are scheduled to retire while in school). Multiple supervisors cannot be listed.

Note 6: If you have any questions, please contact the Graduate School Entrance Examination, Academic Support Center, Setagaya Campus.

e-mail: sckyoumu@tcu.ac.jp

5. Applying for exemption of the English examination with a TOEIC score

Master's Course only

Applicants who have a score for the TOEIC tests (The Secure Program Test and IP Test [TOEIC Institutional Program] are accepted), which is higher than the standards set by the graduate school may be exempted from taking the English subject test. Please be sure to contact the Academic Support Center about the standard score prior to the submission of the application. However, only the scores after April 1 of two academic years before the entrance examination are accepted.

The Secure Program Test

The Institute for International Business Communication, a nonprofit organization, administers the TOEIC tests ten times a year (January, March, April, May, June, July, September, October, November, and December) in 80 cities across the nation. The application may be submitted on the Internet and at convenience stores. For details, please refer to the website of the TOEIC Steering Committee below.

The IP Test

The TOEIC Institutional Program

As with the above, the organizers, which are organizations (corporations, schools, etc.) with a corporate entity, administer the test (limited to a group test of 10 people or more) to their members. In addition, the validity of the test result is considered equivalent to the regular Secure Program Test. Tokyo City University administers the test on each campus several times a year. For details on the administration and how to apply, please individually check the information posted separately.

*Please note that test scores taken online will not be accepted.

Inquiries about TOEIC Tests

The IIBC Tests Steering Center, The Institute for International Business Communication
Sanno Grand Building, 2-14-2, Nagata-cho, Chiyoda-ku, Tokyo 100-0014
Phone: (03) 5521-6033
(10 a.m. to 5 p.m. Closed on Saturdays, Sundays, and public holidays)
FAX : 03-3581-4783 URL: <http://www.toeic.or.jp>

6. Exemption of examination subjects with a subject accreditation examination

Applicants who are currently admitted to an undergraduate course of Tokyo City University, postgraduates, and graduates and have taken a subject certification examination with a satisfactory score will be issued with an accreditation examination certificate to certify success in the examination for the relevant subject.

By submitting the accreditation examination certificate to the Graduate School of Integrative Science and Engineering at the time of taking the admission examination, the applicants may be exempted from taking the examinations for a foreign-language subject (English).

7. Confirmation of receipt and acceptance of application documents

Please confirm the arrival of the application documents by using the tracking number of the registered mail or letter pack. Incomplete documents will not be accepted, so please check carefully before submitting your application. Please note that we will not be able to respond to inquiries regarding confirmation of receipt or individual acceptance.

8. Mailing of Examination Voucher

You will also be notified of your examination number by e-mail.

If you do not receive notification at least one week before the test date, please contact the following Graduate School Entrance Examination, Academic Support Center, Setagaya Campus by e-mail at sckyoumu@tcu.ac.jp

For the entrance examination held in May, you will be notified by e-mail at least two days before (May 9).

If you do not have an address in Japan, this e-mail may be substituted for the examination voucher.

9. Notes for international students

Application documents: 5	Transcripts
Application documents: 6	Graduation Certificate / Certificate of Expected Graduation

The following information is intended for applicants who have graduated (completed) or will graduate (have completed) from a university outside Japan.

1. Please be sure to submit your transcripts and graduation (completion) certificate issued by your last school in your country. If you receive a certificate, be sure to submit the one with the official seal of the school. (If the certificate contains multiple pages, all pages need to have the official seal.)
2. Please submit the original transcript or a certified true copy (a copy certified as a true copy of the original by the school from which you graduated, the embassy, or other public institution) of your transcript and graduation certificate.
3. If the document is written in a language other than Japanese or English, please provide a Japanese or English translation. The translation must be certified by an official organization such as an embassy that it is consistent with the meaning of the original.
4. In addition to the Certificate of Graduation, please submit a copy of the Diploma if possible.
5. If the name, date of birth, etc. on the certificate differs from that on the passport, please obtain proof of identity from the embassy or other public institution.
6. The certificate must be issued within three months prior to the date of application. However, this does not apply if only one original copy is available, so please enclose a note explaining the circumstances.
7. Those who do not have a status of residence in Japan will need to apply for a new visa, which may delay their entry into Japan.
8. Applicants from undergraduate, master's, and doctoral courses at our university do not need to submit transcripts and graduation (completion) certificates for the relevant courses, but they do need to submit transcripts and graduation (completion) certificates for courses they did not study at our university.

For graduates of universities in the People's Republic of China

Applicants for the Master's Program: Please submit 1 to 4 (for undergraduate courses)

Applicants for the Doctoral Course: Please submit 1 to 6 (for the undergraduate course and the Master's Course)

Master's & Doctoral	1	Original or certified true copy of the certificate of graduation (completion) Must be issued by the university from which you graduated and have an 18-digit number on it.
	2	Verification Report of China Higher Education Qualification Certificate It must be issued by CHSI (China Higher-education Information and Student Information) and written in English. If you wish to submit the Online Verification Report of China Higher Education Qualification Certificate, please read the following instructions carefully.
	3	Original or certified true copy of Transcript of Results A document issued by the university from which you graduated. If you have transferred to another institution, please submit the results of the institution from which you transferred.
	4	Verification Report of China Higher Education Student's Academic Transcript It must be issued by CHSI (China Higher Education Student Information Network) and written in English. If you wish to submit the Online Verification Report of China Higher Education Student's Academic Transcript, please read the following instructions carefully.
Doctoral	5	Original or certified true copy of the Certificate of Degree Must be issued by the university from which you completed and contain a 16-digit number.
	6	Credentials Report Issued by CDGDC (China Academic Degrees and Graduate Education Development Center) and written in English. If you wish to submit an Online Credentials Report, please read the following instructions carefully.

Please note that it may take up to 5 weeks to receive the "Verification Report of China Higher Education Qualification Certificate", "Verification Report of China Higher Education Student's Academic Transcript", and "Credentials Report". If the above documents are not submitted within the application period, your application may not be accepted.

■ About the Verification Report of China Higher Education Qualification Certificate and Verification Report of China Higher Education Student's Academic Transcript

It is handled by CHSI (<https://www.chsi.com.cn/en/pyr>).

In Japan, you can apply for issuance at the CHSI Japan Representative Office (<http://www.chsi.jp>).

If you wish to submit the certificate in electronic format, please arrange for it to be sent directly from CHESICC (China Higher Education Student Information and Career Center) to our university's Academic Support Center (sckyoumu@tcu.ac.jp) via e-mail within the application period. E-mails forwarded by applicants will not be accepted as application documents. Please note that applications received after the application period may not be accepted. Please check the details of the procedure by yourself.

■ About the Credentials Report

It is handled by CDGDC (<https://www.chinadegrees.cn/cqva/gateway.html>).

If you wish to submit the certificate in electronic format, please arrange for it to be sent directly from CDGDC (China Academic Degrees and Graduate Education Development Center) to our university's Academic Support Center (sckyoumu@tcu.ac.jp) via e-mail within the application period. E-mails forwarded by applicants will not be accepted as application documents. Please note that applications received after the application period may not be accepted. Please check the details of the procedure by yourself.

10. Application period and locations Only by mail

	February Examination Round	May Examination Round	June Examination Round
By mail	▽ Application period (Must be postmarked) Friday, January 14 to Thursday, January 20, 2022.	▽ Application period (Due NLT) Monday, May 2 to Thursday, May 5, 2022.	▽ Application period (Due NLT) Friday, May 20 to Thursday, May 26, 2022.
	Send to: 1-28-1 Tamazutsumi, Setagaya-ku, Tokyo 158-8557 Graduate School Entrance Examination, Tokyo City University Academic Support Center * Please mail by registered express mail or Letter Pack Plus (520 yen, red) (Letter Pack Light is not acceptable) .		
By E-Mail and mail *Only for applicants from overseas.	Application period(by E-Mail) Friday, January 14 to Thursday, January 20, 2022.	Application period(by E-Mail) Monday, May 2 to Thursday, May 5, 2022.	Application period(by E-Mail) Friday, May 20 to Thursday, May 26, 2022.
	▽ Application period(by E-Mail) *Complete and send all the required documents (Word files) to the address below by E-Mail. *When applying please write [your name] and [the course you are applying for] in the subject line. *We also need your original application documents. When finishing the E-Mail Application please post them to us by the deadline as below.		
	▽ Application Materials Receipt Deadline Thursday, January 27, 2022.	▽ Application Materials Receipt Deadline Thursday, May 12, 2022.	▽ Application Materials Receipt Deadline Thursday, June 2, 2022.
	▽ Application Materials Receipt Deadline *Print out the required documents sent by E-Mail, affix a receipt on the Form B and send them to the address below. *You must submit your documents both by E-Mail and physical mail. If either is missing your application may not be accepted.		
	Send E-Mail to: sckyoumu@tcu.ac.jp Send application materials to: 1-28-1 Tamazutsumi, Setagaya-ku, Tokyo 158-8557 Graduate School Entrance Examination, Tokyo City University Academic Support Center * Please mail by EMS (Express Mail Services), DHL, FedEx or other courier service.		

<Notes>

Please note that inadequate or incomplete application documents may not be accepted. After the application documents are submitted, the content of submitted documents cannot be changed or the return of submitted documents is not permitted. The refund of the application fee is not accepted. After submission, **if an examination ticket has not been arrived at least one week before the examination date, please contact the Academic Support Center immediately.** For the entrance examination held in May, you will be notified by e-mail at least two days before (May 9). If you do not have an address in Japan, this e-mail may be substituted for the examination voucher. Different instructions may be given to applicants applying from outside Japan.

<For applicants from overseas>

The examinee's number and the detail of the examination will be sent by E-Mail up to two weeks before the examination. When the E-Mail is not received, please send an e-mail (sckyoumu@tcu.ac.jp) to us.

11. Notes on taking examinations

(1) The start time of examination

Applicants must check the date and time of the examination and examination subjects. Please be careful because a different date, time, and location may be scheduled.

(2) Examination room

Applicants must check the examination room individually using the posting on campus on the day of the examination.

(3) Notes on taking examinations

- (a) Please be sure to enter the examination room 15 minutes before the start of the examination and be seated at the desk showing your identification number. Place your examination ticket on the desk and await instructions from an examination supervisor.
- (b) Applicants may not enter the room if they are more than 20 minutes late after the examination begins. Please contact the Academic Support Center if you are late more than 20 minutes due to unavoidable circumstances.
- (b) The examination subjects are according to your application form and are not permitted to be changed.
- (d) For writing materials, applicants may use black pencils (mechanical pencil), erasers, rulers, compass, pencil sharpener, and any other materials permitted in advance.
- (e) Electronic devices, such as cell phones, must be turned off prior to entering the examination room. If applicants have their electronic devices on them or in their hands without placing them in their bags, it may be considered cheating.
- (f) Applicants must write their examination number only on all question sheets, answer sheets, and calculation sheets without writing down their names.
- (g) No food or drink is allowed in the examination room.

(4) Interview and an oral examination

- (a) Please be sure to be in the waiting room 15 minutes before the interview starts. If applicants are late for the assembly time, they are considered absent and may not take the interview.
*If you cannot make it to the interview because of a delay in public transportation, please be sure to contact the Graduate School Entrance Examination, Tokyo City University Academic Support Center.
- (b) Applicants must move from the waiting room for the interview to the interview room as instructed by the school staff. Applicants may not return to the waiting room for the interview after the interview.
- (c) No talking, food, or drink is allowed in the waiting room for the interview. In addition, the use of cell phones, smartphones, computers, and other electronic devices is prohibited. It is deemed cheating if applicants do not comply.

(5) Applicants applying from outside Japan

- (a) Different instructions may be given.
- (b) Examination may be carried out online, etc., with special instructions.

Please prepare an environment in advance where all of the following conditions are met in case you are instructed to do so.

1. You can prepare an internet environment where you can send and receive video and audio on the day of your own examination, and a quiet environment and equipment (web camera, earphones, microphone, etc.) where you can take the examination and have an interview.
2. You can open and edit files created with Microsoft Office (Word, Excel, etc.).
3. You can open files created with Adobe pdf.
4. You can save, photograph, and send your own answer with clear characters and charts (your mobile phone can be used).

12. Other notes

(1) In the case where unforeseen circumstances occur on the day of the examination:

If separate measures are implemented depending on circumstances, please check the following website individually:
<https://www.asc.tcu.ac.jp/>

(2) In the case where applicants are affected with infectious disease specified in the School Health and Safety Act to suspend from school.

Applicants who have an infectious disease as specified in the School Health and Safety Act and are suspended from school on the day of the examination and have not recovered from such infection are advised not to take an examination because of the risk of infecting other examinees and the supervisors. However, this shall not apply where the school doctor or other doctors have approved as having no risk of transmission based on medical conditions. In addition, even when applicants do not take an examination for the above reason, we will not provide a supplementary examination or refund the application fee.

13. Browsing previous examination questions

Past exam questions can be viewed on the following website through the campus network.

If you are a current student of the university, you will need a VPN connection to view them from off-campus, so please refer to the Information Technology Center website to set up your VPN connection.

If you are not on campus, please contact the Setagaya Campus Academic Support Center directly.

Browsing previous examination questions (The website is in Japanese)

Tokyo City University: <http://www.tcu.ac.jp/> Home >>> To Current Students >>> Setagaya Campus Website >>>

Related Organizations and Research Centers >>> Libraries >>> Web Usage Services >>>

Entrance Examination Questions for the Graduate School of Integrative Science and Engineering

From May to October, Tokyo City University sets moderate temperatures for indoor air-conditioning systems, and staff work without wearing a tie to support the need for energy conservation and as part of the prevention of global warming and energy conservation. On the day of the examination, school staff and examinees are advised to wear no tie and jacket. Thank you for your understanding and cooperation.

Notification of result and Enrollment Procedure, etc.

1. Notification of result

	February Examination Round	May Examination Round	June Examination Round
Notification of result	10:00 a.m., Friday, March 4.	10: 00 a.m., Monday, May 23.	10: 00 a.m., Friday, July 1.
Enrollment deadline	Must be postmarked by Thursday, March 31.	Must be postmarked by Friday, June 10.	Must be postmarked by Friday, July 29.

The identification numbers of successful applicants will be posted on the campuses. The acceptance letter and enrollment procedure documents will be sent to successful applicants by express mail. Another schedule will be instructed separately to applicants related to JICA on May Examination Round.

2. Enrollment procedures

- (1) To enroll in the graduate school, successful applicants must submit enrollment procedure documents and pay enrollment fees before the prescribed deadline.
- (2) The deadlines for enrollment procedure are shown in the table above. However, in case of unavoidable circumstances, the payment deadline of enrollment fees except for the entrance fee shall be extended up to Friday, August 19, 2022(only for successful applicants of June Examination Round).
- (3) The submission of enrollment procedure documents and the payment of enrollment fees must be completed by mail and wire transfer. For details, please refer to the guidelines for enrollment procedure to graduate school, which is included with the letter of acceptance.
- (4) About payment amount (Reference: Payment amount for students for Academic Year 2022)

Category Payment amount	Year enrolled (Tuition for the second semester)	Year following the year of enrollment	Expected year of completion (Tuition for the first semester)
Entrance fee	240,000	—	—
Tuition	595,000	1,190,000 When paying in installments First semester: 595,000 Second semester: 595,000	595,000
Total	835,000	1,190,000	595,000

- (a) Students who wish to pay their tuition in installments for the year following the year of enrollment may pay for the second semester by October 20. The details will be announced separately at the beginning of the relevant academic year.
- (b) The students who will graduate from Tokyo City University (those who are expected to graduate or complete in September 2022) are exempted from the entrance fee of JPY 240,000 in accordance with the tuition regulations for the Graduate School of Tokyo City University. In addition, they may be exempted from tuition by the application of the same regulations.
- (c) Please note that the entrance fee and tuition, once paid, shall not be refunded under any circumstances.
- (5) Privately funded international students (with the resident status of Student, or those expected to obtain it) may be eligible for a reduction and exemption of tuition as special financial assistance. Students who wish to use the reduction and exemption of tuition must follow the prescribed procedure after enrollment. In addition, the reduction and exemption of tuition for the first year will be applied to the tuition for the second semester. Even if the students wish to use the reduction and exemption of tuition, please complete the enrollment procedure by paying the above amount in installments.
- (6) For privately-financed international students who have graduated from an overseas partner university and meet certain conditions, tuition fee reduction and exemption measures may be offered to reduce their financial burden and foster talented human resources. If you wish to be exempted from tuition fees, please follow the prescribed procedures after enrollment. The tuition reduction for the first year will be applied to the tuition for the second semester. Even if you wish to receive the reduction, please complete the admission procedures with the amount of the above installment payment.
- (7) Students enrolled under the Screening for working adults may be eligible for reduction and exemption of tuition.
- (8) Research assistant system
The school offers a research assistant system (limited number) for students in the Doctoral Course. Research assistants follow the instructions of the academic supervisor to help with research and education. They will receive a monthly allowance.
- (9) The declination of enrollment
After completion of the enrollment procedures, the school will refund the tuition payment, except for the entrance fee, if students wish to decline enrollment for unavoidable reasons and they submit an enrollment declination request by 17:00 p.m., Monday, September 19, 2022, in principle. For details, please refer to the guidelines for enrollment procedure to graduate school, which is included with the letter of acceptance.

3. Scholarship programs

- Applicants graduating from Tokyo City University (Those who are expected to graduate or complete their studies in September 2022) are exempted from the entrance fee.
- For the Doctoral Program and the Master's Program, there is a scholarship system that provides tuition exemption to students with outstanding academic ability and character (see Table 1 below). Students who enter the university are eligible for this scholarship. In addition, there are other tuition reduction/exemption and scholarship programs as shown in the table below (2) to (6).
- There are two types of scholarships: interest-free (Type 1) and interest-bearing (Type 2).

(1) Scholarship for graduate school student (unique to TCU)

Course	School year	Amount of tuition exemption	Remarks
Doctoral Course	D5	100% or 50% of tuition	Internal students only.
	D4		
	D3		
Master's Course	M2		
	M1		

(2) The reduction and exemption of tuition for students who enrolled in the screening for working adults (unique to TCU)

Course	School year	Amount of tuition exemption	Remarks
Doctoral Course	D5	90% of tuition	Students who enrolled in the screening for working adults who wish to receive the reduction and exemption of tuition.
	D4		
	D3		
Master's Course	M2	50% of tuition	
	M1		

(3) Private tuition fee reduction for foreign students (unique to TCU)

Eligibility	Amount of tuition exemption	Remarks
A person who satisfies all of the following a) Applicants who graduate for the Overseas Partner Institution. b) A final GPA is more than 3.0 the Overseas Partner Institution. c) Students enrolled in a graduate school of TCU.	75% of tuition	The committee will select candidates. Final decision lies with the president.
A person who satisfies all of the following a) Applicants who graduate for the Overseas Partner Institution. b) A final GPA is more than 2.5 but less than 3.0 not yet mature at the Overseas Partner Institution. c) Students enrolled in a graduate school of TCU.	50% of tuition	
Students enrolled in an undergraduate or graduate school.	30% of tuition	

(4) Imaizumi Scholarship (unique to TCU)

Course	School year	Annual amount	Remarks
Doctoral Course	D5	Up to 500,000 yen *1	Major maybe designated Internal applicants only (excluding graduate school scholars) 1: Selection is made by the department chairperson's meeting, and then decided by the Dean of the graduate school.
	D4		
	D3		
Master's Course	M2		
	M1		

(5) Toshiaki Sano International Exchange Scholarship (unique to TCU)

Course	School year	Annual amount	Remarks
Doctoral Course Master's Course (International student)	School wide	Up to 50% of the annual tuition *2	Privately funded international students from Asian countries. (However, students studying in the Civil Engineering take top priority.) 2. The President of the University will decide the selection by the Council of Department Chairs.

(6) Other scholarships (Below are some of the grant-type scholarship programs)

Organization name	Monthly/annual amount	Condition
JGC-S Scholarship Foundation	JPY 300,000(annually)	Students studying science and technology who are recognized as both academically and personally outstanding, and in good health, and those who are in need of financial provision of the scholarship from the foundation. In principle, they shall be under the age of 30.
Rotary Yoneyama Memorial Foundation	JPY 140,000(monthly)	Under 45 years old with excellent academic results. Must be willing and ready to learn about other cultures and communication, and be of sufficient health to study overseas.
Scholarship for Privately Financed International Students (JASSO)	JPY 48,000(monthly)	Students recognized as both academically and personally outstanding who are acknowledged to be in need of financial support to study abroad.
The Moritani Scholarship Foundation	JPY 120,000(monthly)	Students who are enrolled in universities in Tokyo or reside in Tokyo and recognized as both academically and personally outstanding, and those who have difficulty paying for their tuition.

4. Handling of personal information of applicants

Personal information, including address and name, collected through procedure documents will be used by the university to contact, send handouts, and for statistical purposes. The university will not use personal information outside of these operations. The university also place strict controls on personal information.

5. The number of credits required to complete each program

Master's Course

Practice	4 credits	*1
Special research	8 credits	
Subtotal	12 credits	*2
Class subjects	18 credits or more	*3
Total	30 credits or more	

Doctoral Course

Specialized studies	8 credits
Research	16 credits
Total	24 credits

*For the Cooperative Major in Nuclear Energy, two credits for exercises for *1, 10 credits for *2, and 20 credits for *3.

6. Information disclosure of the results of admission examination

The results of the general entrance examination for the graduate school implemented by the school will be disclosed to the applicant via his/her personal information. Applicants who wish to see the results shall follow the request procedure below. There are two ways of receiving the results of the admission examination, which are (a) the receipt of the results in person on TCU campus (free), and (b) the receipt of the results by mail. Please refer to section (3) (b) (iii) below because the methods of receiving examination results differ depending on each request procedure.

- (1) Eligible applicants for the disclosure of personal information: Applicants who failed the general entrance examination for the graduate school implemented by TCU are eligible.
- (2) Personal information to be disclosed by taking the request procedure: The scores for examination subjects and the result of interview and an oral examination.
- (3) How to request personal information
 - (a) Request period: September 21 to September 30, 2022(Must be postmarked by the last day.)
 - (b) Request procedure: Include the documents below and mail to the TCU Academic Support Center by registered mail.
 - (i) The application for the disclosure of entrance examination result (any format) including the items below:
Identification number (Write down in series if there are more than one identification number), full name, date of birth, the name of university graduated, and contact information (address and telephone number).
 - (ii) A copy of the examination ticket issued by the school
When requesting the results of more than one entrance examination, include copies of the examination tickets (A4-sized paper) for the relevant entrance examination.
 - (iii) a. Applicants who wish to receive the results in person on TCU campus (free)
One postcard: The postcard should be addressed to the person requesting the results. This postcard serves both as a notification to those who have completed the billing process to inform about the receipt schedule and as a receipt of entrance examination results. For a postcard without postage, please affix a postal stamp of JPY 63. Be sure to write down the address (including the postal code) and full name.
b. Applicants who wish to receive the results by mail (postage fee: JPY 440)
One A4-sized envelope: The envelope should be addressed to the address and full name of the person requesting the results and affixed with a postal stamp of JPY 440. This envelope will be used to mail the entrance examination result to the person who completed the request procedure. Write down the sender's address (including the postal code) and full name, affix with a postal stamp, and fold it in half before dispatch.
- (4) Receipt method of personal information
 - (a) Receipt period: November 1 to November 30, 2022 (except for Sundays and public holidays).
The person who completed the request to receive the results on the TCU campus in person will receive a postcard mentioned in the preceding (3), (b), (iii), a. In addition, those who wish to receive the results by mail will receive an A4-sized envelope mentioned in the preceding (3), (b), (iii), b. (It will be mailed within the receipt period above.)
 - (b) Receipt location: TCU Academic Support Center (Setagaya Campus). In principle, the results will be handed to the relevant applicant.
 - (c) What to bring when picking up in person: Student identification or health insurance ID card that can be used to prove the examination ticket (certification) belongs to the applicant of the relevant entrance examination.

About Double Doctoral Degree Program

Double Doctoral Degree program of Tokyo City University and Sirindhorn International Institute of Technology (SIIT), Thammasat University as follows.

Applicants for the doctoral program are eligible.

1. Program Name

Double Doctoral Degree Program between Sirindhorn International Institute of Technology (SIIT), Thammasat University and Tokyo City University (TCU).

2. Overview of the Double Doctoral Degree Program

This program is a Double Doctoral Degree program that allows you to obtain two doctoral degrees at both Tokyo City University Graduate Schools in Japan and Sirindhorn International Institute of Technology (SIIT), Thammasat University in Thailand. Participating students are enrolled as doctoral students at both universities.

Under the guidance of the professors, students aim to obtain a doctoral degree at each university

University	Degree
Tokyo City University	Doctor of Engineering
	Doctor of Science
	Doctor of Environmental Informatics
	Doctor of Urban Life Studies
	Doctor of Philosophy (Ph.D.)
SIIT, Thammasat University	Doctor of Philosophy Program in Engineering and Technology

3. Standard Schedule

Students participating in this program will move between Japan-Thailand campuses during their studies. It takes four years to complete both doctoral programs.

The standard schedule from admission to degree conferment is as follows.

Schedule	
2022 February	Entrance examination at TCU, Japan
2022 June	Admission procedure at SIIT (no examination)
2022 August	Enrolled in SIIT
2022 September	Enrolled in TCU
2023 September	Move to SIIT, Thailand
2025 September	Move to TCU, Japan
2026 April	Submission of dissertation at TCU
2026 August	Submission of dissertation at SIIT
2026 September	Doctoral degree conferment at SIIT (tentative)
2026 September	Doctoral degree conferment at TCU

4. Payment

Students who have completed the master's program at Tokyo City University Graduate School are required to pay tuition fees (4 years) to Tokyo City University. Tuition fees to Thammasat University will be exempted.

5. Number of places for the program

A few.

6. Notes

1. If you wish to apply for this program, please be sure to consult with your current academic advisor, and the dean of the graduate school in advance, depending on your desired graduate school. Please be sure to consult them in advance.

The GPA in the master's program must be 3.0 or higher in the master's program.

Graduate School of Integrative Science and Engineering

Professor Akira Taguchi, Dean of the Graduate School of Integrative Science and Engineering

ataguchi@tcu.ac.jp

2. The language used in this program is either Japanese or English.

3. Those who wish to apply for this program must take the General Entrance Examination or the Overseas Partner Institution Admissions Scheme.

4. To participate in this program, you must pass the entrance examinations of both universities.

5. Those who apply for this program need to establish a study plan and research plan before applying. Details will be announced after prior consultation.

6. This program is only available to those who have completed the master's program at Tokyo City University, or those who have completed the master's program at SIIT, Thammasat University



Tokyo City University

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