

Tokyo Institute of Technology International Graduate Program (B) Commencing in September 2019 Overseas Application

**【Tokyo Institute of Technology–Tsinghua University
Joint Graduate Program; Master’s Program】**

1. General Prospectus

Launched on September 1, 2004, the Tokyo Institute of Technology–Tsinghua University Joint Graduate Program offers three distinct courses through Tokyo Institute of Technology and Tsinghua University, one of China’s leading universities (<http://www.tsinghua.edu.cn/publish/newthuen/index.html>). The program is designed for students to study in the course of their choice in order to acquire broader knowledge and understanding while conducting advanced research.

This program was founded upon the collaboration of two top science and technology universities, Tsinghua University in China and Tokyo Institute of Technology in Japan. Combining the advanced science and engineering expertise of each university while building a relationship of trust between China, a world superpower, and Japan, one of multiple leaders in Asia, will not only serve as a significant contribution to the development of the industries, economies, and cultures of the two countries, but also prove beneficial on a global scale. Nurturing individuals who possess comprehensive knowledge of the language, culture and society of both countries is imperative to accomplishing these aims.

2. Program

The Tokyo Institute of Technology–Tsinghua University Joint Graduate Program is one of Tokyo Tech’s International Graduate Programs. This dual degree program educates and confers degrees for Chinese and Japanese students enrolled in one of the three advanced interdisciplinary courses (Nanotechnology, Bioscience and Biotechnology, or Decision Science and Technology) offered through both universities. The language of instruction is generally in the host language of Chinese or Japanese. Lectures in English, although less common, may also be offered to participants in the program.

Students are required to conduct research at both universities and submit two theses,

one to each university, in order to earn their master's degrees.

Students enrolled in the dual degree program at Tokyo Institute of Technology are expected to successfully complete supervised studies in their department within 2.5 years.* To attain dual master's degrees, students need to earn the designated number of credits outlined by their department in a predetermined program of study, complete and receive approval of their research theses, and pass comprehensive final examinations at both universities.

*The timeframe for study at Tsinghua University for the dual degree program is three years.

3. Eligibility

International applicants who are not living in Japan during the time between the application and the enrollment periods and who satisfy the following conditions (1) AND (2) OR (3) OR (4) are eligible to apply for this program.

Please note that applicants may NOT (i) apply to a different Tokyo Tech program before receiving admission results or (ii) submit multiple applications to different master's programs for the same enrollment period. Applications in either of the above two cases will be rejected or revoked.

(1) Persons who have registered as Master's Program students at Tsinghua University or who are expected to do so as of September 24, 2019

(2) Persons who have successfully completed 16 years of school education abroad or who are expected to do so by September 24, 2019

(3) Persons who have successfully completed 15 years of education and obtained a degree equivalent to Bachelor's degree outside Japan or who are expected to do so by September 24, 2019 and are individually assessed and recognized by the relevant School of Tokyo Institute of Technology as having outstanding academic records

(4) Persons whose countries do not require 16 years of school education prior to completing an undergraduate-level education but satisfy both of the conditions noted below and are individually assessed and recognized by the relevant School of Tokyo Institute of Technology as having academic ability equivalent to or higher than that of the graduates of a Japanese university

a. Persons who have spent at least one year as a research student or research fellow at a university or research institution in or outside Japan after successfully obtaining a bachelor's degree or who are expected to do so by September 24, 2019

- b. Persons who are at least 22 years old by September 24, 2019

The admission of applicants expecting to graduate from a university or college will be revoked should the applicant fail to graduate by September 24, 2019.

4. Application Procedures

Prior to submitting the application materials, applicants must first contact the International Student Exchange Division at Tokyo Institute of Technology.

All documents listed below must be submitted by the application deadline of July 5 2019.

1. Completed Application Form (attached form, original, no photocopies)
2. Field of Study and Study Program (attached form)
3. Official Academic Transcripts from undergraduate school (originals or certified copies)
4. Certificate of Graduation or Expected Graduation from undergraduate school (original or certified copy)
5. Summary of Thesis (free format)
An outline of the thesis submitted for the applicant's undergraduate degree program
6. English Proficiency Test Score Report (original, no photocopies)
* Applicants are required to submit English proficiency test score reports from TOEFL-iBT, TOEFL-PBT, the revised TOEFL Paper-delivered Test, TOEIC L&R, or the IELTS Academic Module taken on or after July 6, 2017. Score reports from the Institutional Testing Program of TOEFL and TOEIC (TOEFL-ITP, TOEIC-ITP, TOEIC-IP) TOEIC S&W or other proficiency tests not specifically listed above will not be accepted.
7. Recommendation Letter from the dean of the applicant's home institution addressed to the President of Tokyo Institute of Technology (original, no photocopies)
8. Recommendation Letter from a supervisor, head of department, etc. to verify the applicant's potential (original, no photocopies)
9. Applicant's Passport (one photocopy of the page(s) with the applicant's name, nationality, date of birth, and photo)

Note:

- 1) Tokyo Institute of Technology will not accept or consider any documents received after the stated deadline or any incomplete applications.
- 2) Original documents written in a language other than English or Japanese must be accompanied by a certified English or Japanese translation. Translations should be certified by a public institution or the issuing university.

3) Submitted documents will not be returned under any circumstances. Tokyo Tech will not provide photocopies of the submitted documents. Please keep a copy of all documents for personal reference. Should a document not be re-issuable, please submit a certified copy instead.

5. Admission Decision

The admission decision will be made based on the application, academic transcripts, related documents, and screening and interview processes, including an Internet-based interview. Notification of admission results will be sent to all applicants in late September.

6. Application, Admission and Tuition Fees

In principle, students admitted to this program are not required to pay application, admission or tuition fees.

*For reference, the fees are as follows.

Application Fee	¥30,000 (JPY)
Admission Fee	¥282,000 (JPY)
Tuition Fee (per year)	¥635,400 (JPY)

(Application, admission and tuition fees are subject to change.)

7. Scholarship

A limited number of participants on this program may be eligible to receive a monthly stipend during their stay in Japan. The stipend amount is subject to change. As a reference, recipients will most likely receive a stipend package* of around ¥80,000 (JPY) per month.

For further information, please contact the International Student Exchange Division.

* The package usually consists of the scholarship and accommodation fee.

8. Further Information

Detailed information on campus life at Tokyo Institute of Technology can be found on the following website:https://www.titech.ac.jp/english/graduate_school/campus_life/

Inquiries

International Student Exchange Division

Tokyo Institute of Technology

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Course Name	Nanotechnology Course
Type of Degree	Master of (Science, Engineering, Arts)
Program Outline	<p>The Nanotechnology Course is designed for graduate students in Materials Science and Engineering and Chemical Engineering. Complementary lectures for Materials Science are offered. Students are expected to complete two theses, one for submission to Tokyo Institute of Technology and another for submission to Tsinghua University, upon receiving academic guidance from professors.</p> <p>The main research fields include synthesis, fabrication, processing and characterization of functional and environmental materials, including ferroelectrics, magnetics, polymer science, ceramics, nanocomposite, metals and intermetallics.</p>
Departments	<p>Dept. of Electrical and Electronic Engineering (http://educ.titech.ac.jp/ee/eng/)</p> <p>Dept. of Materials Science and Engineering (http://educ.titech.ac.jp/mat/eng/)</p> <p>Dept. of Chemical Science and Engineering (http://educ.titech.ac.jp/cap/eng/)</p>
Number of Admitted Students	A few students
Inquiry	<p>Prof. Ken Nakajima email: nakajima.k.aa@m.titech.ac.jp</p>

Course Name	Bioscience & Biotechnology Course
Type of Degree	Master of (Science, Engineering, Arts)
Program Outline	The Bioscience & Biotechnology Course is based in the departments of Tokyo Institute of Technology's School of Life Science and Technology and related departments at Tsinghua University. Two Master's degrees of Science or Engineering, one from Tokyo Institute of Technology and another from Tsinghua University, will be awarded to students who acquire the necessary credits and submit a separate master's thesis to both universities. Students in the Bioscience & Biotechnology Course will study under supervision of professors from both universities.
Departments	Dept. of Life Science and Technology (http://educ.titech.ac.jp/bio/eng/)
Number of Admitted Students	A few students
Inquiry	Prof. Toshiaki Kamachi email: tkamachi@bio.titech.ac.jp

Course Name	Decision Science & Technology Course
Type of Degree	Master of (Science, Engineering, Arts)
Program Outline	<p>The Decision Science & Technology Course aims to analyze and solve various problems resulting from the interface between highly developed science, technology and society; to theoretically formulate the existing problems in the hyper-industrial society; and, to provide concrete solutions to today's technological issues. Topics explored include deterioration of the global environment caused by the use of technology, conflicts attributable to technological control by technologically-advanced nations, and the emergence of new technologies that alter the fundamentals of humanity, such as genetic engineering. Such forces of technology are severely straining the relationship between human beings and the technological world, and scientists need to explore these critical issues in greater depth.</p> <p>The program comprises the fields of the humanities, philosophy and history of science and technology, social sciences, design, social engineering, management engineering, education, and value and decision science, as well as other fundamental academic fields.</p>
Departments	<p>Dept. of Industrial Engineering and Economics (http://educ.titech.ac.jp/iee/eng/)</p> <p>Dept. of Architecture and Building Engineering (http://educ.titech.ac.jp/arch/eng/)</p> <p>Dept. of Civil and Environmental Engineering (http://educ.titech.ac.jp/cv/eng/)</p> <p>Dept. of Social and Human Sciences (http://educ.titech.ac.jp/shs/eng/)</p>
Number of Admitted Students	A few students
Inquiry	<p>Prof. Takehiro Inohara</p> <p>email: inohara.t.aa@m.titech.ac.jp</p>