

APPLICATION PROCEDURES
International Doctoral Degree Program
Graduate School of Engineering
TOYOHASHI UNIVERSITY OF TECHNOLOGY
For the Academic Year 2020

Toyohashi University of Technology offers a special doctoral program conducted in English, which is open for overseas students seeking a degree in specific areas (Doctoral Degree in the field of engineering).

1. Admission Policy for Toyohashi University of Technology

The mission of Toyohashi University of Technology (TUT) is to provide technological education in addition to quality research with the aim of furthering innovation in the science and technological fields. Based on this mission, our Doctoral Program endeavors to foster advanced-level, senior engineers and researchers who will acquire cutting-edge research techniques and be well versed in the latest technological developments. These pioneers with broad views, flexible minds and profound knowledge will undertake groundbreaking research that leads the next generation of technological advances. We also value social diversity and embrace active collaboration with the local community. Through these efforts, we aim to establish ourselves as a top-class engineering university that is open to the world.

TUT extensively recruits the following types of applicants:

1. Applicants who care highly for humanity and the environment, and strive to make contributions to both local communities and the global community as a whole
2. Applicants who strive highly to acquire expertise in technology and science, and possess a master's level or the equivalent academic abilities necessary for that study
3. Applicants with a capacity for independent study, thinking and action as well as the desire to open new horizons in technology and science

Admission Policies for Doctoral Programs

I. Mechanical Engineering

The Doctoral Program in Mechanical Engineering aims to nurture advanced researchers and senior engineers to play an active international role as leaders in their chosen area of engineering. We expect our graduates to acquire cutting-edge research techniques and be well versed in the latest technological developments in mechanical engineering for the development of a sustainable society. The program seeks the following types of applicants:

- Applicants with advanced knowledge and excellent practical ability in mechanical engineering and a desire to be a pioneer in this field of research
- Applicants with the willingness to meet the challenge of contributing to solutions to new global problems and societal development with a positive attitude and novel approach
- Applicants with a desire to improve their ability to think, judge, see and communicate so as to be effective on an international stage
- Applicants with a desire to develop their abilities as human beings, and strive to acquire a deep intellect with moral integrity to become leaders of the future

II. Electrical and Electronic Information Engineering

The Doctoral Program in Electrical and Electronic Information Engineering focuses on nurturing students to become leaders with expertise in technology and science, capable of contributing to the ICT society. The program seeks the following types of applicants:

- Applicants with highly specialized knowledge and problem solving abilities motivated to take up roles as leaders in Electrical and Electronic Information Engineering
- Applicants with the needed self-motivation to conduct research independently and the desire to enhance their leadership qualities
- Applicants with the desire to improve their communication skills in both English and Japanese in order to understand the implications of peripheral technologies related to their main field of expertise

III. Computer Science and Engineering

The Doctoral Program in Computer Science and Engineering aims to foster advanced, senior engineers and researchers who have comprehensive and expert knowledge in Computer Science and Engineering, who are practical and creative in pursuing advanced technological development and design related to both basic and advanced technologies and have active global leadership skills as well as being able to contribute to the sustainable development of society. The program seeks the following types of applicants:

- Applicants who are well-motivated to autonomously pursue the acquisition of specialized knowledge and ability in the technical fields based on information technologies, and can carry out research sustainably, creatively and inquisitively
- Applicants who can actively make use of leadership skills in planning, designing, installing and maintaining large-scale integrated information systems by utilizing advanced information technologies acquired through study in the leading information engineering fields that include applied IT / ICT technologies
- Applicants who emphasize harmony between people, the environment and machines, possess language and communication skills, and the ability to judge things from a global perspective both at home and abroad

IV. Applied Chemistry and Life Science

The Doctoral Program in Applied Chemistry and Life Science offers rich educational curricula, focusing on applied chemistry and life science, to nurture graduates with outstanding scientific capability and research skills who will be recognized as leading scientists capable of playing an active role in developing the pioneering technology necessary to construct a sustainable society, and also conduct pioneering research in the fields of applied chemistry and life sciences drug discovery and nanotechnology to solve technological issues by integrating and applying high-level, cutting-edge knowledge. Furthermore, our department aims to nurture graduates capable publishing or presenting high-level research results accessible to the world, utilizing internationally recognized global communication skills. The program seeks the following types of applicants:

- Applicants with a strong desire to be involved in pioneering and applied research in the fields of applied chemistry and life sciences who have a strong background of knowledge at the master's course level
- Applicants with a clear aim to be involved in innovative research and pioneering work in applied chemistry and life sciences, and to become an internationally leading engineer or scientist with a deep respect for humanity, critical thinking skills, who are ethically and socially focused and can solve technological issues

by integrating and applying high-level, cutting-edge knowledge

- Applicants with a strong will to acquire internationally recognized communication skills
- Applicants with a desire to contribute to society through innovative research as a leading engineer or scientist

V. Architecture and Civil Engineering

The Doctoral Program in Architecture and Civil Engineering aims to foster leading engineers with extensive knowledge and excellent practical abilities for architecture and civil engineering, and advanced-level, senior engineers and researchers who can accomplish pioneering technological research as world-wide leaders.

The program seeks the following types of applicants:

- Applicants with a strong interest in a wide range of issues related to the natural environment, social systems, culture and human life, and the motivation to contribute to problem solving related to these issues
- Applicants with advanced expertise in architecture and civil engineering, and a desire to earnestly conduct state-of-the-art research in these areas
- Applicants with a desire to positively achieve a higher-level, global communication ability
- Applicants with creative ideas and the ability to actively contribute to the search for solutions to difficult problems through one's own originality and ingenuity

2. Number of students to be enrolled

Majors	Number of students to be enrolled
Mechanical Engineering Electrical and Electronic Information Engineering Computer Science and Engineering Applied Chemistry and Life Science Architecture and Civil Engineering	12 students (including the in-school admission students)

3. Qualifications for application

This program is open to those candidates who have “College Student” status of residence under the “Immigration Control and Refugee Recognition Act” of Japan, or who can change their status of residence to “College Student” after enrolling in the university, and also to those pertaining to any of the following items from (1) to (4), and correspond to (5). Candidates who have Japanese nationality or permanent residence status are not eligible. However, candidates with dual nationality who hold Japanese nationality are eligible to apply as long as they obtain “College Student” status of residence by the date of their arrival in Japan.

- (1) Those who have a master's degree or a professional degree.
- (2) Those who have obtained a qualification equivalent to a master's degree or a professional degree.
- (3) Those who took a course by overseas correspondence education while staying in Japan, and have acquired a qualification equivalent to a master's degree or a professional degree outside Japan.
- (4) Those who have obtained a qualification equivalent to a master's degree or a professional degree after completing a course at his/her educational institution which has a graduate school approved by his/her country's government, and which is recognized as eligible by the Japanese Minister of Education, Culture, Sports, Science and Technology.
- (5) Those who have enough English proficiency to take research guidance during this program.

4. Application procedure

Applicants must find a prospective supervisor at TUT and thoroughly communicate with him/her, and then obtain his/her approval before applying.

Documents Required for Application

Application document should be downloaded from the TUT's website and typewritten in English on A4 size paper. Certificates, transcripts, and other documents must be written in either Japanese or English. A document written in any other language must be attached with a Japanese or English translation.

(1) Application form

Attach the photo to the designated place. The photo must be of upper body (above waist, 40mm×30mm) with no hats, and not older than 3 months prior to this application. Digital photograph inserted in the form is also acceptable. This application form is required both-sided print.

(2) Certificate of (Prospective) Completion of Master's Degree issued by the last university the applicant has attended

Only the original or a certified copy of completion or prospective completion will be accepted.

(3) Official Transcripts for both master's course and undergraduate course

Only the original or a certified copy of transcript will be accepted. Explanation on the grading system should be also provided if it is not described on your transcripts.

(4) Research plan in detail on prescribed form (about 1,000 words)

(5) Letter of recommendation on prescribed form

An original letter must be submitted; copy, in any form, is unacceptable. It should be written by the dean or the academic supervisor of the applicant's last attended university, or by the employer if the applicant is presently employed. This letter should be prepared within one page.

(6) Summary of the Master's thesis or research papers (about 500 words in English) , Publications and List of achievements

(7) Score certificate of English proficiency test

Certificate of TOEFL, TOEIC, IELTS or other equivalent English proficiency test which is acceptable by international standard must be submitted.

【TOEIC: 590, TOEFL(iBT): 61, TOEFL(PBT): 500, IELTS: 5.5 or above is preferable.】

Those who have received degrees from institutions where all instruction is provided in English are eligible for exemption from submitting English test scores, but instead, an official document from their institution attesting to this must be submitted.

(8) Examination fee: 30,000 yen

An examination fee of 30,000 yen must be paid exactly and in full before application deadline. All additional charge for making the remittance is the responsibility of the applicant. For the payment method, please inquire at the Entrance Examination Division of the university well in advance.

No examination fee is required for those who will be Japanese government scholarship students in October 2020. Certificate of Japanese Government Scholarship should be submitted (for those applicable).

(9) If you are a graduate or an expected graduate of a university in China, please obtain the English version of the following documents by downloading it from the website for higher education qualification certificate verification by the Chinese Ministry of Education: “中国高等教育学历证书查询(CHSI)” (<http://www.chsi.com.cn/xlcx/bgys.jsp>), and submit it together with the “Certificate of completion”. Be sure to check that there are 1 or more months left until the expiration date of the

online verification at the time of its submission.

i) Graduates: Online Verification Report of Higher Education Qualification Certificate

(教育部学历证书电子注册备案表)

ii) Expected Graduates: Online Verification Report of Student Record (教育部学籍在线验证报告)

Submission period

Applicants must submit the required documents by E-mail first, and then send the original documents by International mail courier or Express Mail Service (EMS) to meet the following deadline.

(1) Scanned (PDF) documents: April 24, 2020 - May 22, 2020 by 5:00 p.m. (Japan time)

(2) Original documents: May 1, 2020 - May 29, 2020 by 5:00 p.m. (Japan time)

Be note that submission of scanned documents is for checking purpose only, and application is accepted only if all original documents arrive TUT office by the deadline.

Inquiries regarding arrival of your application documents will not be accepted. Contact the post office or the courier with the tracking number given by them.

Application documents submitted to:

Entrance Examination Division

Toyohashi University of Technology

1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, 441-8580 JAPAN

TEL: +81-532-44-6581

E-MAIL: nyushi@office.tut.ac.jp

<Note>

- (1) Applications will not be considered if any of the documents are incomplete, incorrect, or lacking supporting evidence, nor will they be considered if they arrive after the deadline.
- (2) Application materials (including Examination fee) once submitted become the property of the university office and will not be returned. If any of the documents cannot be re-issued (such as graduation certificates, transcripts etc.), please submit a certified copy instead.
- (3) After the submission of documents, no changes will be accepted. If your contact address is amended, please report it immediately.
- (4) When the application documents have been accepted, examinee's number will be notified to the applicants by e-mail after application deadline.
- (5) Though supervision and instruction will be exclusively in English, successful applicants are strongly recommended to learn the Japanese language for their daily lives.

Advance Consultation for Physically Disabled Applicants

Applicants with disabilities (based on the level of the physical disability as stipulated in Article 22.3 of the School Education Act Enforcement Ordinance and the Services and Supports for Persons with Disabilities Act) should contact the Entrance Examination Division in advance because special consideration may be required for studying.

5. Method of selection

The selection will be carried out based on the documents.

6. Announcement of examination result

July 29, 2020

Examinee's numbers of successful applicants will be posted on TUT's website (<https://www.tut.ac.jp/exam/success.html>) and the official notification and enrolment procedure documents will be also sent by postal mail to all successful applicants (to the current resident address described on the application form). No inquiry will be accepted by phone or other means.

7. Admission expenses

Admission fee: 282,000 yen

Tuition fee: 535,800 yen per year (267,900 yen for each semester)

The admission fee must be paid before the designated date the program begins, and the tuition must be paid within the same calendar month of the start date of the program. In the case of a revision of the tuition fee, the new tuition fee will be applied from the time the revision has been made.

In special cases, where regular students have financial difficulties in paying tuition but have shown excellent academic achievement, the university may waive the admission and tuition fee if the students apply for the waiver on the entrance formalities.

8. Month of Enrolment

October 2020

9. Use of personal information

Personal information included on applications, such as the address, name, date of birth, etc., is properly managed and is used only for the following purposes:

- (1) Selecting applicants, announcing successful applicants, completing enrolment procedures and accompanying procedures
- (2) Manage enrolment and grades after enrolling
- (3) As statistical data to improve the method for selecting applicants

10. Security Export Control

Toyohashi University of Technology has established the Toyohashi University of Technology Security Export Control Regulations in accordance with the Foreign Exchange and Foreign Trade Act, and conducts strict examinations for acceptance of international students, etc. International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired course or program.

11. For inquiries, please contact:

Entrance Examination Division, Toyohashi University of Technology

1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, 441-8580 Japan

TEL: +81-532-44-6581 FAX: +81-532-44-6582

WEB: <https://www.tut.ac.jp/english/international/>

E-MAIL: nyushi@office.tut.ac.jp