

APPLICATION PROCEDURES
International Doctoral Degree Program
Graduate School of Engineering
TOYOHASHI UNIVERSITY OF TECHNOLOGY
For the Academic Year 2017

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

Toyohashi University of Technology is dedicated to the development of new standards in technological science by promoting education and research opportunities related to advanced technology and science. The university educates and nurtures students with the leadership skills to become leading researchers with in-depth technical knowledge and broad global perspectives.

Applications are invited from highly motivated students with the following qualifications and traits:

- (1) An excellent master's degree (or its equivalent) based on research in technology and science.
- (2) Respect for humanity and the environment, and a willingness to contribute to the local and global community.
- (3) An enthusiasm and interest in technology and science.

Admission Policies for Doctoral Programs

I. Mechanical Engineering

The goal of the Mechanical Engineering course is to nurture highly skilled researchers and engineers to play an active international role as leaders in their chosen area of engineering. We expect our graduates to use their professional knowledge and creative ability in mechanical engineering for the development of a sustainable society.

Doctoral students considering enrolment in our course are required to display the following characteristics in their attitude towards research.

- (1) A sufficient knowledge in mechanical engineering and a desire to be a pioneer in this field of research.
- (2) A willingness to contribute to solve new global problems in society with a positive attitude and novel approach.
- (3) A desire to improve their ability to communicate so as to be effective on the international stage.
- (4) The desire to develop their abilities and character to become leaders of the future.

II. Electrical and Electronic Information Engineering

Our mission is to nurture students to become leaders with expertise in technology and science capable of contributing to the ICT society. With these objectives we welcome candidates with the following qualifications.

- (1) Candidates with highly specialized knowledge and problem solving abilities motivated to take up roles as leaders in Electrical and Electronic Information Engineering.
- (2) Candidates self-motivated to conduct research by themselves and the desire to enhance their leadership qualities.
- (3) Candidates with the desire to improve their communication skills in both English and Japanese in order to understand the implications of peripheral technologies to their main field of expertise.

III. Computer Science and Engineering

The Department of Computer Science and Engineering offers students a comprehensive and advanced knowledge-base for research and development in this field. Furthermore, the graduate program aims to nurture highly skilled researchers to play central roles as global leaders capable of exploring new ideas and

technologies in IT (Information Technologies), ICT (Information and Communication Technologies), and their application fields.

We are looking for students who fulfil the following requirements:

- (1) Students who have highly specialized knowledge of IT and ICT and possess a strong motivation to work in leading-edge research fields.
- (2) Highly creative students with a passion to work on new research subjects which contribute to the development of science and technology.
- (3) Students who have the desire to improve their ability to communicate in both English and Japanese, and to understand the implications of their research and related technologies.
- (4) Students with a desire to become global leaders in their field of research.

IV. Environmental and Life Sciences

The Department of Environmental and Life Sciences offers rich educational curricula on environmental science, life science, and materials science. We seek to nurture graduates with the outstanding scientific capability and research skills to be recognized as leading scientists capable of playing an active role in developing pioneering technology necessary to construct a sustainable society. We also foster the skills required for conducting pioneering research in the fields of drug discovery and nanotechnology.

Furthermore, our department aims to nurture graduates capable of publishing high level research results with a global reach, utilizing internationally recognized communication skills. In order to achieve these goals, candidates are expected to possess the following academic requirements and characteristics:

- (1) A strong desire to be involved in pioneering and applied research in the field of environmental science, life science, and materials science with a strong background of master-course level knowledge.
- (2) A clear aim to be involved in innovative research and invention in environmental science, life science, and materials science, and to become an internationally leading engineer or scientist.
- (3) A strong will to acquire internationally recognized communication skills.
- (4) The desire to contribute to society through innovative research as becoming a leading engineer and scientist.

V. Architecture and Civil Engineering

The Department of Architecture and Civil Engineering aims to train leading engineers with extensive knowledge and excellent practical abilities for architecture and civil engineering, and higher grade research engineers who can accomplish pioneering technological research as world-wide leaders.

In order to achieve these goals, the department welcomes students with the following qualities:

- (1) Students with an interest in a wide range of issues related to natural environments, social systems, culture and human life, and motivation to seek solutions to problems related to these issues.
- (2) Students with expertise in architecture and civil engineering, and a desire to conduct pioneering research in these areas.
- (3) Students with a desire to achieve a higher level of global communication ability.
- (4) Students with creative ideas and the ability to be actively involved in the search for solutions to difficult problems.

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 Environmental and Life Sciences 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 no legal limitation or hindrance to be admitted to the University under the “Immigration Control and Refugee Recognition Act” of Japan, and also to those pertaining to any of the following items from (1) to (4), and correspond to (5) and (6).

- (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 are healthy, both physically and mentally.
- (6) Those who have English proficiency to keep up with the classes offered in this course.

4. Application procedure

(1) Submission period

- ① Those applying for Innovative Asia*

From April 3, 2017 to April 28, 2017 by 5:00 p.m. (Japan time)

*This is limited to those previously recommended as a candidate for Innovative Asia by TUT supervisor.

- ② All applicants other than mentioned above

From May 1, 2017 to May 31, 2017 by 5:00 p.m. (Japan time)

Those applicants enrolled in Toyohashi University of Technology International Master's Degree Program in 2015 and wishing to take this Doctoral Program continuously (In-school admission) should submit the application within this period, too.

(2) Application documents submitted to:

Entrance Examination Division
Toyohashi University of Technology
1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, 441-8580 JAPAN
E-mail: nyushi@office.tut.ac.jp

(3) Application documents (All documents must be written in English)

- ① **Application Form for Admission to Toyohashi University of Technology (Both side printing)**

Applicants must fill out the designated form.

Applicants must not indicate their prospective supervisor's name at Toyohashi University of Technology without obtaining his/her prior approval.

- ② **ID photo**

The photo must be of upper body (above waist, L40mm x W30mm) with no hats, and not older than 3 months prior to this application. Attach the photo to the designated area. The applicant's name and nationality must be written on the rear of the photo.

- ③ **Certificate of Completion of Master's Degree**

The certificate must be issued by the last university from which the applicants graduated (a diploma, a graduation prospect, or a statement of a degree attained).

- ④ **Records of academic achievement (Transcripts)**

Transcripts for both master's course and undergraduate course are required. Academic evaluation criteria should be specified on transcript. Otherwise, the document explaining of the academic evaluation criteria (how many grade scales, etc.) should be attached.

⑤ Research plan in detail

Write in English on a given form (about 1,000 words).

⑥ Letter of recommendation

By using the designated form, the letter must be issued by the dean or the academic supervisor of the applicant's last attended university with a personal knowledge of the applicant, or by the employer if the applicant is presently employed.

⑦ Summary of the Master's thesis or research papers (about 500 words in English) , Publications and List of achievements

⑧ Survey on financial condition

Applicants must fill out the designated form.

⑨ Score certificate of English proficiency test

The score certificate of English proficiency test 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.

⑩ Verification of degree and transcripts

Only for the applicants who have graduated from Chinese universities.

Toyohashi University of Technology Code: C901402

1) Certificates (③ and ④) issued by Chinese universities must be verified by the China Academic Degree and Graduate Education Development Centre (CDGDC) with CDGDC's official verification (English verification is required). These verifications must be sent to Toyohashi University of Technology directly from CDGDC, within the above application deadline. In order to process, the applicant him(her)self must submit certificates to CDGDC, and pay the prescribed fees.

2) In cases where the verification is not issued, or verification is invalid, the admission will be withdrawn.

3) The process must be checked by the web page (<http://www.cdgdc.edu.cn/>), without fail.

4) When the procedure is done online, please note the "Application Number" and "Password." These will be needed when you contact CDGDC.

5) It takes about 1 month until the university gets the verification. If the university cannot receive the verification within the deadline, your application might be withdrawn.

6) Applicants must submit the document which shows the date they applied for verification when you submit their application documents for admission.

(4) Examination fee: 30,000 yen

An examination fee of 30,000 yen must be paid exactly and in full before or at the same time as the application is submitted.

For the payment method, please inquire at the Entrance Examination Division of the university prior to the procedure.

(5) 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.

<Note>

- 1) Please do not staple the documents.
- 2) Application documents should be downloaded from the university's web page and typed on A4 size paper.
- 3) If any of the certificates are not written in English, an English translation must be attached.
- 4) Certificates and other official documents must be issued from the university or officials. Photocopies of the documents cannot be accepted unless **officially attested**.
- 5) 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.
- 6) Send all documents by E-mail first (to nyushi@office.tut.ac.jp) for our confirmation, and send all documents by the registered postal mail later (such as EMS, DHL, and FedEx).
- 7) Application materials (including Examination fee) once submitted become the property of the university office and will not be returned. After the submission of documents, no changes will be accepted. If your contact address is amended, please report it immediately.
- 8) Though supervision and instruction will be exclusively in English, successful applicants are strongly recommended to learn the Japanese language for their daily lives.

5. Method of selection

The selection will be carried out based on the documents.

6. Announcement of acceptance

The results of the selection will be notified by E-mail first on June 9, 2017 to those applying for Innovative Asia and on July 28, 2017 to all applicants other than mentioned above, and successful applicants will receive the official result and enrolment procedure documents by postal mail later.

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.

For those applicants enrolled in Toyohashi University of Technology International Master's Degree Program and who are graduating in September 2017 and wish to continuously take this Doctoral Program, the admission fee shall be exempted and the above tuition fee must be paid within the same calendar month of the start date of the program.

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 2017

9. 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.

10. 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: <http://www.tut.ac.jp/english/international>

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