

APPLICATION PROCEDURES
International Master's Degree Program
(TUT-HCMUT TWINNING PROGRAM)
(TUT-ITB TWINNING PROGRAM)
Graduate school of engineering
TOYOHASHI UNIVERSITY OF TECHNOLOGY
For the Academic Year 2017

1. Admission Policy for Toyohashi University of Technology

Toyohashi University of Technology provides unique bachelor's, master's or doctoral courses in technology that are geared toward producing creative, practical-minded leaders in different fields of technology, and the education received at our university also provides students with an appreciation of humanity, international perspectives and responsible coexistence with the environment. Our university is also at the forefront of conducting cutting-edge technological and scientific research for the future.

The followings outline the type of student this university seeks to enroll:

- (1) Those who have respect for humanity and the environment, and endeavor to contribute to local communities or to the world as a whole.
- (2) Those with a fundamental knowledge in technology or science who are ready to make significant achievements at the university level.
- (3) Those who take the initiative for their own education with the mindset of being a pioneer in a new field of science or technology.

Admission Policies for Master's Programs at Toyohashi University of Technology

I. Mechanical Engineering

The aim of the Graduate Program in Mechanical Engineering is to nurture students with skills enabling them to become world-class engineers to meet the challenges of an increasingly complex and globalized society. The program emphasizes mastering novel methods and technologies for the promotion and development of a sustainable environment on a global scale. Our Program is suitable for students wishing to:

- Develop skills required for planning and leading independent research based on an in-depth understanding of the fundamental principles of mechanical engineering.
- Develop skills based on studies outside of the classroom and thereby contribute to society by devising solutions to demanding technical and social problems.
- Develop skills to communicate complex and intricate concepts to both technical and non-technical audiences.

II. Electrical and Electronic Information Engineering

The Graduate Program in Electrical and Electronic Information Engineering focuses on producing practically-minded and creative research-based engineers with skills to meet the challenges of our modern, technologically-based society. The Program emphasizes the importance of: a deep understanding of the physical properties of strategically important materials forming the backbone of electrical, electronic and information industries; knowledge of the processes and procedures employed for fabricating functional devices; and a first-hand understanding of the operating principles of integrated circuits, discrete electronic devices, energy systems, information and communication technology and networks. This course seeks and welcomes applicants fulfilling the following criteria:

- Students wishing to follow careers as globally minded engineers with cutting-edge technological skills in electrical and electronic materials, electric systems, integrated electron systems, and information and communication systems.
- Academically orientated students with a strong desire to resolve challenging issues in electrical and electronic engineering, and information engineering.
- Students with solid backgrounds in the natural sciences wishing to apply their expertise for a systematic approach towards the creation of new technology.
- Highly motivated students with a strong desire to acquire globally applicable communication skills based on technical English and Japanese.

III. Computer Science and Engineering

The Department of Computer Science and Engineering provides students with comprehensive and specialized knowledge in computer science and engineering to in still practical, creative, and leadership skills for the development and design of advanced technology and related systems. Furthermore, the graduate program aims to nurture students capable of pursuing careers as principle investigators of international research projects for a sustainable society.

We are looking for students with the following qualifications:

- Highly motivated and independently minded students with the desire to acquire specialized knowledge and capabilities in information technology-based fields, who are capable of a sustained, creative and exploratory approach towards their research.
- Ambitious students wishing to become leaders in the planning, design, implementation and maintenance of large-scale integrated information systems based on an in-depth knowledge of state-of-the-art IT (Information Technology) and ICT (Information and Communication Technology).
- Students with a high regard for harmony between man, nature and machine, with strong linguistic and communications skills, and a global perspective.

IV. Environmental and Life Sciences

The Department of Environmental and Life Sciences welcomes applications from students from all academic backgrounds. In particular, we seek candidates with high academic potential and interest in environmental and life sciences and related areas. The program offers a rich educational curricula to nurture graduates with outstanding scientific capability and technical skills required for understanding advanced technology and pursuing research. In order to achieve the goals of our program candidates are expected to possess the following academic requirements and aims for admission:

- An excellent academic record and the ability to think independently and apply their skills and knowledge for the development of a sustainable society, for the mutual benefit of human and nature.
- An in-depth understanding of physics, chemistry and biology, and a strong interest in interdisciplinary research and applications of their skills to life sciences, materials science, and environmental science.
- A strong desire to study with a global perspective and excellent judgment skills for leading innovative research projects.

V. Architecture and Civil Engineering

The Department of Architecture and Civil Engineering aims to train world-class, globally minded engineers with excellent leadership skills, and practical and creative abilities for the design and management of architecture, infrastructure and synthetic systems to maintain a sustainable society.

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

- Students with a strong 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.
- Students with expertise in architecture and civil engineering, and a desire to conduct pioneering research in these areas.
- 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	4 students for each major
Electrical and Electronic Information Engineering	
Computer Science and Engineering	
Environmental and Life Sciences	
Architecture and Civil Engineering	

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 “Immigration Control and Refugee Recognition Act” of Japan, and also to those pertaining to all of the following items from (1) to (4).

- (1) Those who are enrolled in the designated field of study at the Master Degree Course of HoChiMinh City University of Technology (HCMUT), or Institut Teknologi Bandung (ITB), and who are expected to obtain the required credits of Twining Program for the first half of their Master’s curriculum.
- (2) Those who are recommended by the home university.
- (3) Those who are in good health, both physically and mentally.
- (4) Those who demonstrate sufficient degree of proficiency in English in order to take research guidance during this program.

4. Application procedure

(1) Submission period:

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

(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 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. Write the supervisor's name of Toyohashi University of Technology after obtaining his/her approval.

② ID photo

The photo must be of upper body (above waist, 40 mm x 30 mm) with no hats, and not older than 3 months prior to this application. Attach the photo at designated place. Applicant's name and nationality must be written on the backside.

③ Certificate of graduation

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

If you have graduated from schools other than universities, a document certifying or describing that the school (s)he graduated from is a formal higher education institution must be attached.

④ Record of academic achievement (Transcripts)

Please enclose the academic record issued by the applicant's last attended university. 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 with 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 home university with a personal knowledge of the applicant.

⑦ Survey on financial condition

Applicants must fill out the designated form.

⑧ 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.

⑨ Details of subjects the applicant took in ITB/HCMUT(Copy of the syllabus, etc.)

Brief explanation of the subjects the applicant took in the 1st semester and the applicant is taking (or planning to take) in the 2nd semester.

If the course syllabus or official explanation is not available, the applicant must ask the faculties of the subjects to write the brief explanation.

(4) Examination fee

Examination fee shall be exempt.

(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. Photocopy 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 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, and the interview test may be scheduled when it is necessary. The interview will be conducted to see applicant's personality and whether (s)he will be able to undertake the program in Toyohashi University of Technology.

6. Announcement of acceptance

The results of the selection will be notified to the candidates by E-mail first on July 28, 2017, 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)

Admission fee must be paid before the designated date the program begins, and the tuition must be paid within the month of the program starts. In the case of a revision of the tuition fee, the new tuition fee for the program 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. 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, Toyohashi, Aichi, 441-8580 Japan

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Web: www.tut.ac.jp/english/international/

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