

**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 2018**

**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 Twinning 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**

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, 40 mm x 30 mm)

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 graduation issued by the last university the applicant has attended

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

(3) Official transcripts of both undergraduate course and master course

Only the original or a certified copy of transcript will be accepted. Please also submit an official document that specifies the grading system 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 home university. This letter should be prepared within one page.

(6) 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.

(7) 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.

(8) Examination fee

Examination fee shall be exempt.

**Submission period**

Applicants must submit the required documents by E-mail first, and then send the original documents by registered postal mail until the following deadline.

(1) Scanned (PDF) documents: April 20, 2018 - May 22, 2018 by 5:00 p.m. (Japan time)

(2) Original documents: May 1, 2018 - May 31, 2018 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.

**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 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) 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, 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**

July 27, 2018

The results of the selection will be notified to all candidates by E-mail first, 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 2018

#### **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, 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](mailto:nyushi@office.tut.ac.jp)