

APPLICATION PROCEDURES
International Master's Degree Program
Graduate School of Engineering
TOYOHASHI UNIVERSITY OF TECHNOLOGY
For the Academic Year 2018

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

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 following points 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 which will enable them to become world-class engineers, ready 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 the 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 the 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 in order to instill 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 the 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 humanity and nature.
- An in-depth understanding of physics, chemistry and biology, and a strong interest in interdisciplinary research and the 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	24 students
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 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 completed 16 years of school education and/or those who have prospects to graduate before this program begins.
- (2) Those who have been approved by the Japanese Minister of Education, Culture, Sports, Science and Technology.
- (3) Those who have been recognized by TUT Graduate School based on individual screening of qualifications as having equal academic abilities as a university graduate, and of an age not less than 22 before this program begins.
- (4) Those who have been conferred a bachelor’s degree in the countries where the education for completion of university is less than 16 years, after graduating from a university, conducting work as a research student or a researcher at a University inside or outside Japan, joint research Institute for National Universities or the corresponding research institution for a reasonable period (more than 1 year) and the age is above 22 before this program begins.
- (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.

Note: Those who pertain to the above items (3) or (4) are required to submit to the procedures for the screening of qualifications before application. If you have any enquiries regarding the method of these

procedures, please address them to the university's Entrance Examination Division.

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 graduation or prospective graduation issued by the last university the applicant has attended

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

If the applicant has 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 Transcript issued by the last university the applicant has attended

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 transcript.

(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) 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) 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. 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 prior to the procedure.

No examination fee is required for those who will be Japanese government scholarship students in October 2018. Certificate of Japanese Government Scholarship should be submitted (for those applicable).

(8) 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 graduation”. 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 registered postal mail until the following deadline.

(1) Those applying for Innovative Asia*

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

- Scanned (PDF) documents: March 26, 2018 – April 23, 2018 by 5:00 p.m. (Japan time)
- Original documents: April 2, 2018 – April 27, 2018 by 5:00 p.m. (Japan time)

(2) All applicants other than mentioned above

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

<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) 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 acceptance

Those applying for Innovative Asia: June 14, 2018

All applicants other than mentioned above: 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)

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. 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 Hibirigaoka, 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