

APPLICATION PROCEDURES

International Doctoral Degree Program

Graduate School of Engineering

TOYOHASHI UNIVERSITY OF TECHNOLOGY

for the academic year 2014

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 engineering fields).

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 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 Policy 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 have the following 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 an international stage.
- (4) Students with the desire of developing their abilities and human nature 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 with self-motivation 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 with 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 strong motivation to work in leading-edge research fields.
- (2) Highly creative students with a passion to work on new research subjects for contributing 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 to nurture graduates with 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 the sustainable society and also conducting pioneering research in the field of drug discovery and nanotechnology.

Furthermore, our department aims to nurture graduates capable publishing high level research results to the world utilizing internationally recognized communication skills. In order to achieve these goals, candidates are expected to possess the following academic requirements and aims for admission:

- (1) A strong desire to be involved in pioneering and applied research in the field of environmental science, life science, and materials science with 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 internationally leading engineer or scientist.
- (3) A strong will to acquire internationally recognized communication skills.
- (4) The desire to contribute the society through innovative research as 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 higher level 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 “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 the 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 the qualification equivalent to a master's degree or a professional degree outside Japan.
- (4) Those who have obtained the qualification equivalent to a master's degree or a professional degree after completing the course at his/her educational institution which has the graduate school approved by his/her country's government, and recognized as eligible by 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.
Above; TOEIC 590, TOEFL(IBT) 61, TOEFL(CBT) 173, TOEFL(PBT) 500 is recommendable.

4. Application procedure

- (1) Submission period
 - From May 26, 2014 to May 30, 2014
 - *Those applicants enrolled in Toyohashi University of Technology Master's Course Given in English in 2012 and wishing to take this Doctoral Program continuously (In-school admission) should submit the application on this period, too.
- (2) Application documents submitted to:
 - International Affairs Division
 - Toyohashi University of Technology
 - 1-1 Hibarigaoka, Tempaku-cho,
 - Toyohashi, 441-8580 JAPAN
- (3) Application documents (**All documents must be written in English**)
 - *Applications will not be considered if any of the documents are incomplete or incorrect.
 - a) Application Form for Admission to Toyohashi University of Technology
 - Student him/herself must fill out the designated form.
 - Applicant must indicate prospective supervisor's name of Toyohashi University of Technology **after obtaining his/her approval.**
 - b) 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 at designated area. Applicant's name and nationality must be written on the backside.

c) Certificate of Completion of Master's Degree

The certificate must be issued by the last university the applicant completed (a diploma, a graduation prospect, or a statement of a degree attained).

d) Records of Academic Achievement (Transcripts)

Transcripts of both master's course and undergraduate course are required. The Information of Grade Point Average (GPA) is required. And if possible, the academic performance standing (th / students)* may be written. *The rank of your academic record among the whole classes must be written.

e) Study plan in detail

Write in English on a given form with approximately 1,000 words.

f) Letter of recommendation

The letter must be issued by the **chairman of the department or the like** of the university attended. Applicants working for a company must submit a recommendation letter issued by **his/her supervisor**.

g) Master's thesis, publications and list of achievement

h) Survey on financial condition

Student him/herself must fill out the designated form.

i) Verification of degree and transcripts

*Only for the applicants who have graduated from Chinese universities.

Certificates (c) and d) issued by Chinese universities must be verified by 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. (Toyohashi University of Technology Code: C901401)

In order to process, applicant him(her)self must submit certificates to CDGDC, and pay prescribed fees.

Reminder: it takes about 1 month to be delivered the verification to the university.

Applicant must submit the document which shows the date you applied for the verification when you submit the application documents for admission.

(4) Examination fee: 30,000 yen (Non-refundable)

Examination fee of 30,000 yen must be paid without any lack or excess before or at the same time when the application is submitted .

<Note>

For the payment method, please inquire at International Affairs Division of the university prior to the procedure. And those applicants applying in June must confirm the amount in advance. The amount may be amended.

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 to candidates by Email first by early August 2014. Original Certificate of Admission will be sent together with the student's Certificate of Eligibility by postal mail after its issuance.

*It takes at least one month until the Certificate of Eligibility is issued from the Immigration in Japan

7. Admission expenses

Admission fee: 282,000 yen

Tuition fee: 267,900 yen (for the autumn semester from October to March)

535,800 yen will be necessary as a tuition fee for one academic year.

*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.

*For those applicants enrolled Toyohashi University of Technology Master's Course Given in English who are graduating the course in September 2014 and continuously take this Doctoral Program, the admission fee shall be exempted and the above tuition fee must be paid within the month of the program starts.

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.

8. Month of Enrolment

October 2014

9. Other Important Notes

- (1) Application documents should be typed on A4 paper.
- (2) If any of the certificates are not written in English, an English translation must be attached.
- (3) 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.
- (4) Application materials (including application 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.
- (5) Though supervision and instruction will be exclusively in English, successful applicants are strongly recommended to learn the Japanese language for their daily lives.
- (6) Notes for CDGDC Verifications (*Applicants graduated from Chinese universities only)

University Code: C901401

- 1) Verifications (for c) and d) of Application Documents for Admission) must be English and sent to Toyohashi University of Technology **directly** from CDGDC, within the application deadline. If the applicant receive it and redirect to the university, the verification would not be valid.
- 2) In the case the verification is not issued, or verification is invalid, the admission would 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 on internet, please note the "Application Number" and "Password." These would 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.

- (7) For inquiries, please contact:

International Affairs Division,

Toyohashi University of Technology

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

TEL: +81-532-44-6577 FAX: +81-532-44-6557

Web: <http://www.tut.ac.jp/english/international> E-mail: ryugaku@office.tut.ac.jp

Scholarship Information

I. JASSO scholarship

Toyohashi University of Technology is able to recommend certain number of private financed students for Monbukagakusho Honors Scholarship for Privately Financed International Students by JASSO (Japan Student Services Organization).

(1) Qualifications Required for Applicants

Applicants for this scholarship must have all conditions below (a-d).

- a. Student who has passed the entrance examination of International Doctoral Degree Program.
- b. Student who is not financially supported by the government or any scholarship foundation.
- c. Student who will newly come to Japan when the course starts in October 2014.
- d. Student who submits the application form during the designated period.

(2) Conditions of scholarship

Duration: From October 2014 until March 2015

Amount of Scholarship: 65,000 yen per month

Academic Fees: Student must pay for any academic fees

II. Other scholarship program given from private foundation

Some private foundations give scholarship for the students who have similar conditions above.

Detailed eligibilities are different in each scholarship. We give these scholarships information in the web page of Centre for International Relations. (<http://www.cir.tut.ac.jp/english/>)

Students are able to search for private fund scholarship after coming to Japan, but most scholarship program in Japan starts from April, and require Japanese language skills in application procedure.