Graduate School of Engineering, The University of Tokyo
Guidelines for Applicants to the 2020 Doctoral Program

Research and Education Goal
The goal of the Graduate School of Engineering is to provide students with a rich, comprehensive education in science and technology that will allow them to take an engineering-based approach to their thinking. We also seek to foster individuals willing to take on the responsibilities of engineering, and the various activities involved in its application, which include research, development, planning, design, production, management, and creation/review of proposals for government measures. The School will equip students so that they are able to take research challenges that will lead to new technical innovations and open up new fields of study, thereby contributing to the sustainability and development in the modern global society.

Intended Applicants
1) Students who will improve themselves in accordance with the research and education goals of the School.
2) Students who aim to contribute internationally to society with understanding and respect for diverse cultures.
3) Students who have a strong sense of ethics and responsibility, and who will study with enthusiasm.

1. Requirements for Eligibility
(1) Those who have obtained or are expected to obtain by March 31, 2020 a Master’s or professional degree from a Japanese. (Note 1) (Note 5)
(2) Those who have been conferred a Master’s degree or are is expected to be conferred on or before March 31, 2020 from the National Institution for Academic Degrees and Quality Enhancement of Higher Education (NIAD). (Note 5)
(3) Those who have been conferred, or are expected to be conferred on or before March 31, 2020, a degree equivalent to a Master’s or a professional degree abroad. (Note 2) (Note 5)
(4) Those who have completed, or are expected to complete by March 31, 2020, a program in an educational institution in Japan that is designated by the Minister of Education, Culture, Sports, Science and Technology, which provides program of a foreign graduate school within the school education system of a foreign country, and have conferred or are expected to be conferred a degree equivalent to a Master’s or a professional degree. (Note 5)
(5) Those who have completed or are expected to complete a program at the United Nations University and have been conferred, or are expected to be conferred on or before March 31, 2020, a degree equivalent to that of a Master’s degree. (Note 5)
(6) Those who have passed or are expected to pass by March 31, 2020, a screening for the fundamental ability for doctorate dissertation research as specified in Article 16-2 of the Standards for Establishment of Graduate Schools at a school abroad, an educational institution mentioned in eligibility (4) above, or the United Nations University, and are recognized by this graduate school as having abilities at least equivalent to those who have a Master’s degree. (Note 3) (Note 5)
(7) Those who have graduated from a Japanese university or have completed at least 16 years of academic education overseas, and have been engaged in research at a university, research institute or other institution in Japan or abroad for at least 2 years, or are expected to have been engaged in research for at least 2 years by March 31, 2020, and are recognized by this graduate school as having abilities at least equivalent to those who have a Master’s degree or a professional degree as a result of said research. (Note 1) (Note 2) (Note 3) (Note 5)

(8) Those who are 24 years or older on March 31, 2020, whom this graduate school has recognized, through individual screening of entrance qualifications, as having abilities that are at least equivalent to a Master’s degree or professional degree holder. (Note 4) (Note 5)

Note 1) Japanese universities mentioned in Eligibilities (1) and (7) above are universities within the boundaries of Japan and as prescribed in Article 83 of the School Education Law.

Note 2) Eligibilities (3) and (7) above include the case of having completed a correspondence program provided by a foreign school of said country while residing in Japan.

Note 3) Those who intend to apply under requirement (6) or (7) above shall submit designated documents for the screening of their entrance qualifications to the Graduate School Team, Graduate School of Engineering Administrative Division (refer to 9. Notes, 3) no later than the dates indicated below, as entrance qualifications are screened individually before submission of application. Please inquire at the Administrative Department of this Graduate School in advance about requirements for application and document submission.

Application Schedule A: May 24, 2019 (Friday)
Application Schedule B: October 23, 2019 (Wednesday)

Note 4) ① Those covered under Eligibility (8) above include those who are not covered under Eligibilities (1) through (7) above shall be recognized by this graduate school through individual screening of entrance eligibility as having abilities at least equivalent to that of a Master’s degree or a professional degree holder.

② Those who intend to apply under requirement (8) above shall submit designated documents for the screening of their entrance qualifications to the Graduate School Team, Graduate School of Engineering Administrative Division (refer to 9. Notes, 3) no later than the dates indicated below, as entrance qualifications are screened individually before submission of application. Please inquire at the Administrative Department of this Graduate School in advance about requirements for application and document submission.

Application Schedule A: May 24, 2019 (Friday)
Application Schedule B: October 23, 2019 (Wednesday)

③ Those who are recognized as having abilities at least equivalent to a Master’s degree or professional degree holder through screening of qualifications will be permitted to apply and to take the entrance examination.

Note 5) Those who wish to enroll on September 20, 2019 shall replace “March 31, 2020” in Eligibilities (1) through (8) with “September 19, 2019”. Furthermore, those who are expected to fall under any of Eligibilities (1) through (8) between Sept. 20 and Sept. 30, 2019, should contact the administrative department of the graduate school as their application may be accepted.

2. Acceptance of Mature Students

(1) Mature students are eligible for acceptance in each department. Departments shall accept mature students.

(2) Persons currently working as full-time employees at companies, educational and research institutes, and other organizations may undertake studies in this doctoral program, concurrent with such employment.
(3) Selection of applicants shall take into consideration factors including the applicant's master's thesis and related research achievements.

3. How to Apply

The periods for acceptance of applications are divided into two categories - Application Schedule A and Application Schedule B - as indicated below (3).

However, Application Schedule B does not apply to some departments, so please confirm with the department intended for application in advance. Applicants will not be prevented from applying during both acceptance periods, but persons wishing to enter the School in September 2019 shall be subject to the limitations of Application Schedule A.

(1) Applicants are asked to complete the entrance application form via the admission application form creator (http://www.t.u-tokyo.ac.jp/soe/admission/general_guideline.html).

(2) Applications must be sent by postal mail. Use registered mail, and include all documents for submission in the designated envelope (refer to 7.) .

(3) Application Schedule A: July 2 (Tuesday) to July 11 (Thursday), 2019. [If the application is postmarked by July 11 (Thursday), it will be accepted as long as it arrives by July 16 (Tuesday).]

Application Schedule B: November 19 (Tuesday) to November 28 (Thursday), 2019. [If the application is postmarked by November 28 (Thursday), it will be accepted as long as it arrives by December 2 (Monday).]

(4) Send applications to:
7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8656
Graduate School Team, Administrative Division, the Graduate School of Engineering,
The University of Tokyo

4. Examination Dates and Locations

(1) Application Schedule A:

Primary examinations will be held over five days, from August 26 (Monday) through August 30 (Friday), 2019. For details on times and locations, refer to the “Guide to Entrance Examinations” from the department to which application will be sent. Secondary examinations will take place between late January and the mid-February, 2020. The appropriate persons will be notified of examination dates and locations in January 2020. However, the secondary examinations for persons falling under either of the following will be held over five days, from August 26 (Monday) through August 30 (Friday), 2019.

① Those who hold have already obtained master’s degrees or professional degrees at the time of application, or who are expected to receive master’s degrees or professional degrees by September 19, 2019. (Notes 1)
② Those who wish to apply for September 2019 entry.

Notes 1) Secondary examinations will, in some cases, take place sometime between late January and the mid-February, even if candidates fall under ① Please refer to the “Guide to Entrance Examinations” from the department to which application will be sent, or to the notice provided along with the examination admission card.

(2) Application Schedule B:
Primary and secondary examinations will be held between late January and mid-February, 2020. Candidates will be advised of examination dates and other relevant information in December 2019, when examination admission card notices will be provided.

5. Selection Methods

(1) Selection shall be based on primary and secondary examinations.

(2) Selection for the primary examination shall be based on a written examination, an oral examination, and submitted documents.

(3) The secondary examination shall be in regard to the applicant master's thesis or a related topic. The secondary examination will only be conducted for persons who pass the primary examination.

(4) Selection of Students for admission shall be based on a comprehensive judgment, taking into account the written examination, the oral examination, submitted documents, the applicant's master's thesis and other related materials.

(5) Selection methods for non-Japanese students vary depending on the department. Please contact the relevant department office in advance regarding admission examinations.

6. Examination Subjects and Enrollment Capacity for Each Department

(For details on Application Schedule B and its test subjects, please refer to the “Guide to Entrance Examinations” from the department to which application will be sent, and other related information.)

<table>
<thead>
<tr>
<th>Department Name</th>
<th>General education</th>
<th>Foreign languages</th>
<th>Specialized content</th>
<th>Enrolled capacity (Application Schedule A)</th>
<th>Enrolled capacity (Application Schedule B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineering</td>
<td>None</td>
<td>*2</td>
<td>*4 Specialized content related to the specialized field in question</td>
<td>24 students</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*5 English</td>
<td></td>
<td></td>
<td>–</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(examination based on TOEFL ITP®)</td>
<td></td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>Architecture</td>
<td>None</td>
<td>*2</td>
<td>*4 Subjects related to architecture</td>
<td>16 students</td>
<td>–</td>
</tr>
<tr>
<td>Urban Engineering</td>
<td>None</td>
<td>*3</td>
<td>*4 Subjects related to urban engineering</td>
<td>11 students</td>
<td>–</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>None</td>
<td>*2</td>
<td>*4 A) *2 Mathematics and Mechanics B) Content related to the specialized field in question</td>
<td>25 students</td>
<td>Few people</td>
</tr>
<tr>
<td>Precision Engineering</td>
<td>None</td>
<td>*3</td>
<td>*4 Precision Engineering</td>
<td>12 students</td>
<td>Few people</td>
</tr>
<tr>
<td>Systems Innovation</td>
<td>None</td>
<td>*3</td>
<td>*4 Content related to the specialized field in question</td>
<td>19 students</td>
<td>—</td>
</tr>
<tr>
<td>---------------------</td>
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</tr>
<tr>
<td>Aeronautics and Astronautics</td>
<td>*2 Mathematics *2</td>
<td>*5 English (examination based on TOEFL ITP®)</td>
<td>*4 Aeronautics and Astronautics</td>
<td>18 students</td>
<td>—</td>
</tr>
<tr>
<td>Electrical Engineering and Information Systems</td>
<td>Mathematics *4</td>
<td>*4 Electrical and Electronics Engineering, Information Engineering</td>
<td>32 students</td>
<td>Few people</td>
<td></td>
</tr>
<tr>
<td>Applied Physics</td>
<td>None</td>
<td>*3</td>
<td>*4 Physics</td>
<td>19 students</td>
<td>—</td>
</tr>
<tr>
<td>Materials Engineering</td>
<td>None</td>
<td>*2</td>
<td>*1, *4 Fundamentals of Materials Engineering</td>
<td>20 students</td>
<td>—</td>
</tr>
<tr>
<td>Applied Chemistry</td>
<td>*3, *4 Chemistry *3</td>
<td>*4 Examination related to specialized field of education</td>
<td>13 students</td>
<td>Few people</td>
<td></td>
</tr>
<tr>
<td>Chemical System Engineering</td>
<td>None</td>
<td>*3</td>
<td>*5 English (examination based on TOEFL ITP®)</td>
<td>13 students</td>
<td>—</td>
</tr>
<tr>
<td>Chemistry and Biotechnology</td>
<td>None</td>
<td>*3</td>
<td>*4 A) *3 Examination of basic subjects related to Chemical System Engineering B) Examination related to each specialized field</td>
<td>13 students</td>
<td>—</td>
</tr>
<tr>
<td>Program</td>
<td>Branch/Field</td>
<td>Requirements</td>
<td>Number of Students</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Advanced Interdisciplinary Studies</td>
<td>None</td>
<td>*3 English (Submit the scores of TOEFL® and etc)</td>
<td>46</td>
<td>Few people</td>
<td></td>
</tr>
<tr>
<td>Nuclear Engineering and Management</td>
<td>None</td>
<td>*3 Examination related to specialized field of education</td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bioengineering</td>
<td>None</td>
<td>*3 Examination subjects specified for each desired field</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology Management for Innovation</td>
<td>None</td>
<td>*3 Content related to technology management for innovation</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total: 312 students

1. This examination shall be omitted for persons who have completed or are expected to complete the master's program for the appropriate department in question.
2. This examination shall be omitted for persons who have completed or are expected to complete the University of Tokyo School of Engineering master's program.
3. This examination shall be omitted for persons who have completed or are expected to complete a University of Tokyo master's program or a professional degree program.
4. For details on examination subjects, please refer to the “Guide to Entrance Examinations” from the department to which application will be sent.
5. Examinations will be conducted at the Graduate School Entrance Examination Hall. Students who are able to submit official TOEFL® scores (TOEFL PBT, TOEFL iBT) at the time of application may use the scores in lieu of taking foreign-language (English) examinations. For details regarding foreign-language examinations, refer to "Notice Regarding Foreign-Language (English) Examinations in 2020 Entrance Examinations at the Graduate School of Engineering, The University of Tokyo."
6. Students are required to submit official TOEFL® scores (TOEFL-PBT, TOEFL-iBT) at the time of application. Applicants for doctoral program at Department of Advanced Interdisciplinary Studies (advanced science and technology innovator development course) are required to submit an official TOEIC® Listening & Reading Test score.

7. Documents to Submit

The requirements outlined below apply to both Application Schedule A and Application Schedule B.

<table>
<thead>
<tr>
<th>Documents, etc.</th>
<th>Applicant</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Entrance application</td>
<td></td>
<td>Enter the required information accurately.</td>
</tr>
<tr>
<td>*Examination Admission Card</td>
<td>All applicants</td>
<td>Upload the Photograph Data (use a clear, color photograph showing ones entire face, from the front, with eyes open) according to the instructions of the admission application form creator. The format of the Photograph Data is not specified.</td>
</tr>
<tr>
<td>*Picture Card</td>
<td></td>
<td>This Photograph Data will also be used to make your student ID card.</td>
</tr>
<tr>
<td>*Address Label</td>
<td>Create three Address Labels, for the Application Envelope, the Examination Admission Card Envelope and the Acceptance Certificate Envelope. Affix each on the designated envelope.</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Application Envelope</td>
<td>Use a Kaku-2 size (240mm x 332mm for A4 size documents) envelope. Include all documents for submission in it and use registered express mail at the post office.</td>
<td></td>
</tr>
<tr>
<td>Examination Admission Card Envelope</td>
<td>Affix 384 yen stamps to the envelope (Chou-3 size: 120mm x 235mm for A4 size documents folded in thirds). For overseas addresses, enclose an IRC (international reply coupon) of the required amount for EMS (Express Mail Service).</td>
<td></td>
</tr>
<tr>
<td>Acceptance Certificate Envelope</td>
<td>Use a Kaku-2 size (240mm x 332mm for A4 size documents) envelope.</td>
<td></td>
</tr>
<tr>
<td>Examination fees</td>
<td>30,000 yen is required for the examination fee. Payment must be made by one of the following payment methods: bank transfer, payment at a convenience store, Pay-easy-compliant ATM, Pay-easy-compliant Internet Bank, Internet-only Bank, or credit card. Transfer or payment fees are the responsibility of the applicant to pay. For bank transfers, use the transfer application form output by the admission application form creator and transfer it from the nearest banking facility (using Japan Post Bank or the post office are not acceptable). Do not use an ATM or the internet. For details on transfer methods, refer to the transfer application form specified by the Graduate School of Engineering and the notes indicated therein. If using a convenience store, Pay-easy-compliant ATM, Pay-easy-compliant Internet Bank, Internet-only Bank, or credit card, for details on methods and notes, refer to “How to make Payment of Examination Fee at E-shiharai.net.” [This fee is not required for international students on scholarships from the Japanese government (Ministry of Education, Culture, Sports, Science and Technology).]</td>
<td></td>
</tr>
</tbody>
</table>

All applicants

[excluding students expecting to obtain a Master's degree or degree from a specialized degree program at the University of Tokyo in March 2020, international students on scholarships from the Japanese government (Ministry of Education, Culture, Sports, Science and Technology).](Note3)
Academic Transcript from previous university and graduate school

| All applicants (excluding individuals who completed coursework at the Graduate School of Engineering of the University of Tokyo, or who are expected to complete coursework) | 1) Documents verifying the student’s performance at the **undergraduate level (including liberal arts courses)** and in **master’s program (or specialized degree program)**.  
2) In the case of Transfer Admission to the university, submit a certificate of academic performance for the university or other institution before the Transfer Admission.  
3) **Photocopies are not acceptable.** |

Certificate of Completion from Previous University

| All applicants who have completed university programs (those who have already received Master’s degrees at the time of applications) (excluding individuals who completed coursework at the Graduate School of Engineering of the University of Tokyo, or who are expected to complete coursework) | 1) Not required if the date of completion is indicated on the certificate of academic performance.  
2) **In the case of students completing programs at foreign universities, the degree acquired must be indicated.**  
3) In the case of persons applying based on Application Requirement (2) above, submit a certificate of the degree conferred, created by the National Institution for Academic Degrees or the National Institution for Academic Degrees and University Evaluation.  
4) **Photocopies are not acceptable.** |

Research plan

| Persons currently employed by a government agency who wish to study while working | Summarize the plan in approximately four pages (A4 size) |

Authorization of a superior

| Persons currently employed by a government agency who wish to study while working | The applicant's superior should indicate his or her intent to ensure that the applicant will remain dedicated to studies following admission (use A4 size paper) |

Other

| Relevant applicants | In some departments, documents other than those indicated above may be required for submission. Please refer to the “Guide to Entrance Examinations” of the department you are applying to. |

(Note 1) All certificates, documents, and other material written in languages other than Japanese or English must have a Japanese or English translation attached.  
(Note 2) “*” indicates a form output by the admission application form creator with the required information entered.  
(Note 3) Examination Fees are not required for persons wishing to enter the school in September, and who are expected to receive a Master’s or professional Degree in September 19, 2019 at the University of Tokyo.

8. Announcement of Successful Applicants and Admission Procedures

(1) Examinee numbers of successful applicants for Application Schedule A and the applicants who have passed the primary examinations in Application Schedule A will be posted on the school of engineering bulletin board at 4:00 p.m. on September 5 (Thursday), 2019. Those numbers will also be posted on the Graduate School of Engineering website (http://www.t.u-tokyo.ac.jp/soe/index.html) by September 6 (Friday), 2019.  
The Applicants who are eligible to take the secondary examination in Application Schedule A and the
Examinee Numbers of successful applicants using Application Schedule B will be posted on the school of engineering bulletin board at 4:00 p.m. on February 13 (Thursday), 2020. Those numbers will also be posted on the Graduate School of Engineering website (see above) by February 14 (Friday), 2020, as well.

(2) Applicants who enter in April 2020 will be notified of authorization for admission in February 13 (Thursday), 2020. Applicants who enter in September 2019 will be notified of authorization for admission in mid-September 2019, as well.

(3) Persons receiving notification of authorization for admission in April 2020 shall carry out the required admission procedures on March 6 (Friday), March 9 (Monday) and March 10 (Tuesday), 2020, (tentative), in accordance with instructions regarding admission procedures that will be forwarded at that time. And persons receiving notification of authorization for admission in September 2019 shall carry out the required admission procedures on September 17 (Tuesday) or September 18 (Wednesday) 2018 (tentative), as well. Please note that persons who do not carry out the admission procedures during this time will be deemed as having opted out of admissions.

(4) The School will not accept telephone, fax, e-mail, or inquiries regarding the success of applications.

(5) Fees required for admission (tentative fees for 2020)
(These fees are not required for international students on scholarships from the Japanese government (Ministry of Education, Culture, Sports, Science and Technology).)
   1. Admission fee: 282,000 yen (tentative fee)
   2. Tuition fees: First term: 260, 400 yen (Annual fee: 520, 800 yen) (tentative fee)
(Note) The amounts indicated above are tentative. If amounts are amended at the time of admission or while the individual is registered as a student, the new amounts shall apply from the time of the amendment in question.

9. Notes

(1) Applicants may not apply to two or more departments in the Graduate School of Engineering at the same time. Those who have passed the primary examination of the Application Schedule A of the school may not apply for the Application Schedule B without declining the success in the examination. Also, applicants cannot be enrolled in other universities or other schools of the University of Tokyo at the same time as in the Graduate School of Engineering.

(2) Applications will not be accepted if the specified documents are not complete and in order by the submission date indicated above. After the application process is complete, no changes to documents will be accepted and no documents will be returned under any circumstances.

(3) The examination admission card will be forwarded directly to the applicant by postal mail. If the examination admission card does not arrive by the dates indicated below, contact the office below for instructions on taking examinations.
   Application Schedule A: August 14, 2019 (Wednesday)
   Application Schedule B: January 6, 2020 (Monday)
   Contact: 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8656
   Graduate School Team, Administrative Division, School of Engineering, The University of Tokyo
   Tel: 03(5841)6038, 7747

(4) Those who wish to enter the school with an “in office” working status are required to submit written
approval (in a free format) from your immediate managers upon school entry of your ability to concentrate on your study.

(5) In the School of Engineering, some departments allow admissions in September 2019 in addition to admissions in April 2020. For more details, refer to the “Guide to Entrance Examinations” of the department you are applying to.

(6) Persons with disabilities may require special consideration when taking examinations and attending courses. Such persons are requested to contact either the School of Engineering Administrative Division (Graduate School Team) or the Administration Office for the Department you are applying to, in question when submitting the application.

(7) Non-Japanese applicants must have a visa that will allow admission to a Japanese graduate school, as stipulated in the “Immigration Control and Refugee Recognition Act (Law No. 319, 1951),” by the time of admission procedures.

(8) Under some circumstances, application procedures, examination dates, and other details may be subject to change.

(9) Once paid, examination fees will be non-refundable under all circumstances.

(10) After the admission process is completed, no admission fees will be returned under any circumstances.

(11) Personal information obtained through the application process, including the applicant’s name and address, will be used for: 1) selection of applicants (application processing, selection); 2) announcement of successful applicants; 3) and admission procedures. In the case of successful applicants, this personal information will be used for: 1) administrative purposes (school registration, core studies, etc.); 2) student support (health management, employment support, applications for scholarships and exemptions from tuition fees, use of libraries, etc.); and 3) operations related to the collection of tuition fees.

(12) The examination results used in the selection of entrants may be used in future studies for the improvement of both the entrance examination and the education at the University of Tokyo.

(13) If your application form includes any false statements, we may cancel your enrollment, even after entering the school.

(14) In the event of an unexpected situation such as a natural disaster, please note that information related to entrance examinations will be offered on the Graduate School of Engineering website.

April 2019

The University of Tokyo has established the “The University of Tokyo Security Export Control Regulations” in accordance with Japan’s “Foreign Exchange and Foreign Trade Act”, and rigorously screens potential international students on the basis of these regulations.

Please be aware that international applicants who fall under any of the conditions set out in said regulations may not receive permission to enroll at the university or may have their research activities restricted.

Details can be obtained from the following website: Office of Export Control
https://www.u-tokyo.ac.jp/adm/export-control/ja/rule.html (Japanese only)