

Graduate School of Information
Science and Technology,
Osaka University

Admission in October 2021

Application Guide for Master Course Applicants
(Information Technology Special Course in English, June)

March 2021

【Cautions】

Before submitting their application, all applicants should contact the expected academic supervisor (or the Department Chair) of the department they wish to enter with regard to the course of research they wish to follow after admission.

See the following webpage of the Graduate School of Information Science and Technology to find the contact address of instructors.

<http://www.ist.osaka-u.ac.jp/english/member/index.html>

Information Technology Special Course in English encompasses both Master course (2 years) and Doctoral course (3 years), to be completed in sequence, so that to obtain both the master's and doctor's degrees.

We strongly recommend taking both courses in sequence.

【Features of this course】

The Information Technology Special Course in English (ITSCE) is an education and research program conducted in English.

ITSCE encompasses both Master's (2 years) and Ph.D. studies (3 years), to be completed in sequence, so that to obtain both the master's and doctoral degrees.

1. Graduate School of Information Science and Technology

Education objectives, diploma policy, curriculum policy and admissions policy

[Education objectives]

The Graduate School of Information Science and Technology, Osaka University, holds the philosophy that "Information Science and Technology is an essential academic discipline which leads social innovation by creating new technologies and systems to implement advanced information society toward our enriched and fulfilled life." With this in mind, we aim to develop engineers, researchers, educators, etc. who acquire a profound academic knowledge of information science and technology, play leadership roles in their major discipline, and open up new academic regions.

The master course strives to develop human resources who have the following capabilities, and, by making use of them, play an active role with high ethical standards within the information science and technology and related fields such as mathematics, life sciences, and so on.

- Broad knowledge, advanced expertise and skills relating to his/her major discipline
- The design skills required to conduct research and development by envisioning a new system
- The communication skills required to work with a global perspective
- The management ability to carry out projects in collaboration with other people

The doctor course is committed to developing human resources who are equipped with the following capabilities in addition to the above, and, by making use of them, play an active role with high ethical standards.

- The research abilities required to explore research themes set up on their own
- Leadership skills to guide other engineers and researchers with a global perspective

[Diploma Policy]

Based on diploma policies of Osaka University, the master course of Graduate School of Information Science and Technology confers a master's degree to students who fulfill the following requirements through the systematic coursework providing an overview of the information science discipline and fostering the basic skills of information sciences.

- The students who earn a predetermined number of credits must acquire the knowledge needed to pursue a career requiring research capability and advanced expertise in the major discipline.
- The students' master dissertations, written clearly and plainly based on the necessary research guidance received, should include research contents that contribute to the development of the major discipline, and should demonstrate the student's abundant academic knowledge of his/her discipline.

The doctor course of Graduate School of Information Science and Technology confers a doctor's degree to students who fulfill the following requirements through the systematic coursework enabling a deeper understanding of advanced expertise in their major discipline, and the acquisition of cutting-edge academic knowledge.

- The students have made important contributions relating to scientific principles and their application in the information science discipline by discovering an unknown phenomenon or object, establishing and rolling out a new theory, developing/inventing/applying a new technology/equipment/methodology/algorithm, producing a new academic concept, and so on.
- The student's doctoral dissertation, written clearly and plainly based on the necessary research guidance received, demonstrates the student's abundant overall knowledge of the discipline that makes up the academic content of the dissertation.
- The student has the academic skills required to conduct independent research, and the academic content of his/her dissertation makes a contribution to society.

[Curriculum Policy]

Based on curriculum policies of Osaka University, the master course of Graduate School of Information Science and Technology provides the systematic coursework overviewing the information science disciplines and fostering students' basic skills. The course offers basic subjects for acquiring expertise in each major as well as interdepartmental subjects covering important peripheral disciplines. The course also offers subjects that foster students' practical skills, such as interdisciplinary subjects, special lectures covering leading-edge technological trends offered by external instructors invited from the industrial community, etc., internships to experience work at a company or research institution in Japan or abroad, and project-based seminars to allow students to acquire basic qualities as advanced engineers/researchers as well as the broad knowledge required to meet the diverse requirements of society. These advanced classes relating to information science technology foster cultural knowledge, design skills and an international perspective. In addition, the course also provides excellent research guidance as well.

The doctor course of Graduate School of Information Science and Technology provides the systematic coursework enabling students to acquire more advanced expertise in their major discipline and cutting-edge academic knowledge. The course offers the basic subjects covering cutting-edge science and technology, as well as internships to experience work at a company or research institution in Japan or abroad, to foster students' ability to create new academic value. The course also trains human resources who can utilize this academic value to develop new social value. In addition to offering advanced classes relating to information science technology to foster comprehensive understanding, synthetic imagination and transcultural communicability, the course also provides excellent research guidance.

Credits are granted to students who have achieved grades of the requisite level by submitting reports and taking examinations. Students who have attained excellent grades may be able to end the course earlier than usual, subject to deliberation by the faculty council.

[Admission Policy]

Based on admission policies of Osaka University, the master course at Graduate School of Information Science and Technology accepts students, whether from Japan or abroad, who are motivated to establish and deepen information science technology, enabling the realization of a more advanced information society. For this purpose, the course accepts those who have studied information science technology in the science and technology department and who are interested in the application and roll-out of information science technology to biology or medicine. To seek candidates from a broader array of fields, the course also accepts students who have studied disciplines other than information science technology. The course is willing to accept excellent students from overseas as well, not just within Japan. To this end, the course conducts diverse types of screening using examinations and interviews.

The doctor course of Graduate School of Information Science and Technology accepts students, whether from Japan or abroad, who are motivated to create innovation in the information science discipline to realize a more advanced information society. For this purpose, the course accepts those who have learned information science technology in graduate school of science and technology (master course), who are interested in the application and roll-out of information science technology to biology or medicine, as well as students who have completed these graduate school programs and strongly wish to contribute to the information science discipline while working in various fields of society.

To seek candidates from a broader array of fields, the course accepts students who are registered in graduate schools other than information science, as well as working adults who are motivated to study and conduct research into information science. The course is willing to accept excellent students from overseas as well, not just within Japan. To this end, the course conducts diverse types of screening through examinations and interviews.

2. Enrollment Limits

| Department | Number |
|-----------------------------------|----------------|
| Information and Physical Sciences | A few students |
| Computer Science | |
| Information Systems Engineering | |
| Information Networking | |
| Multimedia Engineering | |
| Bioinformatic Engineering | |

3. Admission Requirements

Eligible applicants are those international students who fulfill any one of the following requirements.

- (1) An applicant who has graduated or expect to graduate from a Japanese university or a Japanese professional university by September 30, 2021.
- (2) An applicant who has earned or expect to earn a bachelor's degree from the National Institution for Academic Degrees and Quality Enhancement of Higher Education by September 30, 2021 under the stipulations of Article 104, Clause 7 of School Education Law of Japan (Law No.26, 1947).
- (3) An applicant who has completed or expect to complete 16 years of formal school study in a foreign country by September 30, 2021.
- (4) An applicant who has completed correspondence courses in Japan which are administered by foreign schools and thus completed 16 years of formal school education in the said country or who is expected to have completed such by September 30, 2021.
- (5) An applicant who has graduated from a foreign university (including a foreign university which is equivalent to a Japanese professional university. The same shall apply hereinafter.) which is positioned as a university in the school education system of that country or who is expected to do so by September 30, 2021. The said university must be recognized by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government. In this case the applicants must have completed 16 years of formal education in the said country.
- (6) An applicant who has completed an academic program of either a foreign university or a foreign educational institution (limited to which its comprehensive progress of education and research have been evaluated by an external personnel certified by its government or its related agency, or an institution designated as equivalent by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government) whose term of study is at least 3 years or more (including completion of the said program in our country earning credits from its institution's correspondence course or from an educational facility established in Japan under the school education system of the said foreign country designated in the preceding issue), and has earned or expect to earn a bachelor's degree or an equivalent degree by September 30, 2021.
- (7) An applicant who has graduated from a specialized course of a college which is recognized by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, on or after the date designated by the Minister, or who is expected to do so by September 30, 2021. The college must fulfill the criteria designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, including a term of study of four years or more.
- (8) An applicant who is accredited by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government (Notification No.5 of the Education Ministry dated February 7, 1953).
- (9) An applicant who entered a university under the stipulations of Article 102, Clause 2 of School Education Law of Japan and who is accredited by the Graduate School of Information Science and Technology via the pre-application screening as having appropriate academic ability for a graduate student.
- (10) An applicant who has graduated from a junior college, a specialized vocational high school, a school in the miscellaneous category or other educational institutions, who is at least 22 years-old by September 30, 2021, and who is accredited by the Graduate School of Information Science and Technology via the pre-application screening as having academic skills equal to a university or a Japanese professional university graduate.

4. Pre-application Screening

Pre-application screening is necessary for all applicants. All applicants must contact the expected academic supervisor of the department they wish to enter for obtaining their confirmation. An applicant may submit an application for admission after passing the pre-application screening.

All applications must arrive at the graduate school office within the acceptance period. Postal/Parcel service with tracking (i.e. EMS, FedEx, DHL, etc.) is recommended to ensure the proper delivery of applications.

Indicate “Information Technology Special Course in English” in red ink on the outside of the envelope.

| | |
|-----------------------|---|
| Acceptance Period | April 26, 2021 (Mon.) –May 7, 2021 (Fri.) |
| Application documents | No.1 to 4 shown in the list of application documents |
| Submit to: | Graduates Section Graduate School of Information Science and Technology Osaka University 1-5 Yamadaoka, Suita, Osaka 565-0871, JAPAN |

Submission of an application form to the Graduates Section by hand is permissible within the following period, provided that the applicant has an acceptable reason for doing so.

| | |
|---------------------------------------|--------------------------|
| May 6, 2021 (Thu.) –May 7, 2021(Fri.) | 9:00–11:30 / 13:00–16:00 |
|---------------------------------------|--------------------------|

The result of the pre-application screening will be sent to each applicant by postal mail on May 18, 2021 (Tue.).

5. Application Procedure

All applications must arrive at the graduate school office within the acceptance period. Postal/Parcel service with tracking (i.e. EMS, FedEx, DHL, etc.) is recommended to ensure the proper delivery of applications.

Indicate “Information Technology Special Course in English” in red ink on the outside of the envelope.

| | |
|-----------------------|---|
| Acceptance Period | May 19, 2021 (Wed.) – May 28, 2021 (Fri.) |
| Application documents | No.5– 9 shown in the list of application documents |
| Submit to: | Graduates Section Graduate School of Information Science and Technology Osaka University 1-5 Yamadaoka, Suita, Osaka 565-0871, JAPAN |

Submission of an application form to the Graduates Section by hand is permissible within the following period, provided that the applicant has an acceptable reason for doing so.

| | |
|---|--------------------------|
| May 26, 2021 (Wed.) – May 28, 2021 (Fri.) | 9:00–11:30 / 13:00–16:00 |
|---|--------------------------|

6. Examination Fees

¥ 30,000-

Place of payment: All banks (Don't use an ATM for sending the payment.)

Method of payment: Use a money transfer slip designated by the Graduate School.

All bank charges incurred in this connection shall be borne by the applicant.

Attach a scanned copy of a bank receipt with a stamp (certificate of examination fee payment) to the Graduates Section.

Japanese Government Scholarship Students should make an inquiry to the Graduates Section about examination fees.

(Note) Transfer of examination fee in case of application from overseas

Make a payment of 30,000 yen (Japanese yen) of examination fee by transfer in accordance with the following guideline as well as submit a copy of Foreign Remittance Request. If a separate commission is required at the local bank from which you will transfer the fee, you are required to pay the commission at the counter in addition to the examination fee above.

Remittance type: Telegraphic transfer
Bank commission: To be borne by Applicant
Amount of money to be transferred: 30,000 yen
Purpose of transfer: Examination fee
(*Entry item for application form)
Receiving bank: MUFG Bank, Ltd.
Swift code: BOTKJPJT (if a 11 digit is required : BOTKJPJTXXX)
Branch name: IBARAKI BRANCH
Account number: 219-1300216
Payee name: OSAKA DAIGAKU JOUHOUGAKUKENKYUKA
Currency: JPY

You can also pay the examination fee by credit card, the convenience store, or an internet banking service of Pay-easy through Application Fee Payment System. For further details, please refer “Entrance examination fee payment” on our graduate school web page (Top / Admission / Application Guides 2021).

Special measures for examination fee exemption will be implemented for those who have been affected by large scale disasters in Japan.

For further details, please refer “Regarding the exemption of examination fees for entrance examination in Graduate School of Information Science and Technology” on our graduate school website (Top/Admission/News & Topics). Only Japanese website.

The applicants who apply for the examination fee exemption should not pay the examination fee, and are required to submit the necessary documents such as the exemption application form instead.

7. Selection Methods

Selection will be made after comprehensively examining the result of interview test, a research plan, an academic transcript of the school the applicant graduated from, and a score of the TOEIC/TOEFL test. **The interview test (online or offline) will be coordinated on the specific date during the examination period.**

| | |
|--------------------|---|
| Examination Period | June 7, 2021 (Mon.) – June 25, 2021(Fri.) |
|--------------------|---|

8. Announcement of Examination Results

For all departments, the successful examinees' numbers will be displayed on the bulletin board on the first floor of A building in the Graduate School of Information Science and Technology at Suita Campus. At the same time, a notification will be sent to each applicant via postal mail. Telephone or e-mail inquiries are NOT accepted.

| | |
|-------------------------------------|----------------------------------|
| Announcement of Examination Results | July 2, 2021 (Fri.) at 2:00 p.m. |
|-------------------------------------|----------------------------------|

9. Necessary Fees for Enrollment

Admission fees: ¥282,000-

Tuition fees: ¥535,800 (annual tuition)

Tuition fees are withdrawn from the account in two equal installments. (¥267,900 each)

- (1) The above fees are valid as of April 2021 and are subject to change. The fees will be confirmed before the admission procedure starts.
- (2) In the case of a change in tuition fees during school terms, the revised tuition fees will be applicable as of the date when they are effective.
- (3) If they are admitted as a Japanese Government Scholarship Student on the time of their entrance to the Graduate School, they are exempt from admission fee and tuition fee payments.

10. Handling of Personal Information

- (1) The names, addresses and other personal information obtained from applicants are used for entrance examination purposes such as the 'selection of students (handling of applications and selection examinations)' and 'admission procedures' only.
For successful applicants, personal information might be used for providing information about educational programs which can be registered after entering Osaka University.
For those admitted to Osaka University, personal information is also used for 'student control purposes (school register control and course taking instructions),' 'student support (health management),' and 'tuition fee collection'.
- (2) Entrance examination results and other data are used for tabulation and analysis of the examination results and research and study on appropriate applicant selection methods.
- (3) We may entrust an outsourcing contractor with the handling of any personal information to conduct the above business. In this case, we make a contract with the outsourced companies to handle the personal information in an appropriate way and provide the whole or a part of the information to them.

11. Cautions

- (1) Some applicant may not be required to submit a TOEIC/TOEFL score certificate.
For example, a native English speaker or a student who has graduated from or who is expected to graduate from an institution where all instruction is in English. Such an applicant should consult with his/her intended academic supervisor, prior to submission of the application form, to verify that it can be waived from application requirement.
- (2) An applicant requiring special assistance for taking an entrance examination or studying after admission should inform the Graduates Section to this effect by May 7, 2021 (Fri.).
- (3) Application documents which are incomplete, or contain errors and omissions will not be accepted.
- (4) After they are submitted, application documents may not be corrected in any manner.
- (5) The admission procedure is accepted from September 2, 2021 (Thu.) to September 3, 2021 (Fri.). Successful applicants will be notified of the details at a later date.
- (6) An applicant who does not fulfill entrance requirements (Article 20 of Osaka University Regulations) by September 30, 2021 is subject to the cancellation of his/her admission to the Graduate School.
An applicant who has submitted false information in the application documents may be subject to the cancellation of his/her admission to the Graduate School.
- (7) Examination fees are not refunded except in the following cases:
 - (a) an applicant is found not to be qualified for the examination after his/her submission of application documents,
 - (b) application documents arrive after the close of the acceptance period and hence are rejected,
 - (c) application documents are incomplete, or contain errors and omissions and hence are rejected,
 - (d) examination fees are paid but the applicant doesn't submit his/her application documents within the acceptance period,
 - (e) examination fees are paid twice erroneously, or
 - (f) other cases in which the University elects to award a refund.

In the case of (a) to (f) above, an applicant should make a claim for a refund of the examination fees to the University. For the detailed procedures, contact to the Graduates Section.

- (8) The entrance examination implemented this time is for international students with an appropriate student visa. An applicant is, in principle, ineligible to submit an application form if he/she does not hold an appropriate student visa. Therefore, an applicant applying for the Graduate School of Osaka University who currently lives outside Japan or who is currently staying in Japan with a visa other than a 'student visa' must obtain or change to a 'student visa,' before undergoing the admission procedure.
- (9) International students are categorized as follows.
- | | |
|---|---|
| (A) Japanese Government Scholarship Students: | International students awarded a scholarship by the Japanese Government (Japanese Government (<i>Monbukagakusho</i>) Scholarship Student) |
| (B) Students dispatched from foreign countries: | Foreign government-sponsored students |
| (C) Un-sponsored international students: | Other international students |
- (10) Information and measures in case of unexpected contingency will be announced on the graduate school website.
- (11) Due to the spread of the COVID-19, the information described in the application guides may be changed. Please check the graduate school website regularly for the latest information.

March 2021

Please direct your inquiries to:

Graduates Section

Graduate School of Information Science and Technology

Osaka University

1-5 Yamadaoka, Suita, Osaka 565-0871, JAPAN

E-mail: office@ist.osaka-u.ac.jp

Website of Graduate School of Information Science and Technology:

<http://www.ist.osaka-u.ac.jp/>

List of Application Documents

• Documents required for pre-application screening

| No | Documents | Description |
|----|---|--|
| 1 | Pre-Application Screening Document (CV & Essay) | Use the designated form. Attach a picture taken within three months prior to the date of application. |
| 2 | Academic Transcript | Must be issued by the last university, etc., the applicant graduated from, or its equivalent. |
| 3 | TOEIC / TOEFL Score Certificate | An Official Score Certificate of TOEIC or a Test Taker Score Report (or an Examinee Score Report) of TOEFL dated from May 2019 must be submitted. Regarding “Test Taker Score Report” (or “Examinee Score Report”) for TOEFL, a score report that will be delivered to the test taker by postal mail is required. Online score report is NOT acceptable. Scores from TOEIC-IP, TOEIC Speaking & Writing Tests, TOEIC Speaking Test, TOEIC Bridge Test, and TOEFL-ITP are not acceptable. For TOEFL iBT test, we only accept TOEFL iBT test scores from a single test date, not MyBest scores. |
| 4 | Letters of Recommendation | At least two letters of recommendation are required. Recommenders are asked to give their personal impressions of the applicant's intellectual ability, aptitude in research or professional skills, character, and the quality of applicant's previous work and potential. |

• Documents that must be attached and submitted with the application form

| | | |
|---|--|---|
| 5 | Application for Admission Examination Admission Card and Photo Identification Card | Use the designated form. Please fill in the name as stated in the Certificate of Residence (Juminhyo) or on your passport in principle. Attach a picture taken within three months prior to the date of application. Please do not use an erasable ballpoint pen when filling in the application form. |
| 6 | (Expected) Graduation Letter/Certificate of (Expected) Graduation | Must be issued by the last university, etc., the applicant graduating or graduated from. Students graduating from the undergraduate schools of Science, Engineering and Engineering Sciences of Osaka University are exempt. |
| 7 | A copy of the Certificate of Residence (Juminhyo-no-Utsushi) or Copies of residence card | (Required only for those who live in Japan.) The document issued by the local government office which mentions your status of residence and period of stay. *Not required that of family members. or Copies of your residence card (both sides) |
| 8 | Certificate of <i>Monbukagakusho</i> Scholarship Student | For Japanese Government Scholarship Students only except for applicants currently studying at Osaka University. |
| 9 | Certificate of Examination Fee Payment | For all applicants except for Japanese Government Scholarship Students. Japanese Government Scholarship Students should make an inquiry to the Graduates Section about examination fees. If you choose to pay through Application Fee Payment System, please send the Receipt of Application Fee Payment. Special measures for examination fee exemption will be implemented for those who have been affected by large scale disasters in Japan. The applicants who apply for the examination fee exemption should not pay the examination fee, and are required to submit the necessary documents such as the exemption application form instead. |

Note: Certificates, documents and references written in a language other than Japanese or English must be accompanied by a Japanese or an English translation.