

For Enrollment April 2019

Graduate School of Engineering

Master's Degree Program

Admissions Guide

For Privately-Financed International Students

NITech changed into the application method using the Internet.

Nagoya Institute of Technology

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Graduate School of Engineering Master's Degree Program Application Guide 2019 For Privately-Financed International Students

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Education Philosophy

The education philosophy of Nagoya Institute of Technology is to “Aim towards achieving the happiness of humankind and welfare of the global community going into the future while nurturing the human talent to support this goal based on 3 guiding principles: *Monozukuri* (Innovation), *Hitozukuri* (Education), and *Miraizukuri* (Contribution).”

Each and every graduate of this school is expected to be active as a pragmatic engineering elite who possesses the skills to create revolutionary academic innovations and technologies in the real world by working together with various people in various fields throughout the global community and striving towards a sustainable society of the future.

Admissions Policy (Policy on the admission of new students)

Graduate School Master’s Degree Program

In order to nurture human resources according to our education philosophy, students who satisfy the following are admitted widely from within Japan and around the world.

Students who study in the master’s degree program at our university have the abilities of a bachelor’s degree graduate, the fundamental knowledge of engineering and a grasp of its mission, a good understanding of the philosophy of our university, and have the desire to fulfill that mission of engineering.

- 1 People who have graduated with a bachelor’s degree or who have equivalent abilities
- 2 People who have fundamental knowledge of engineering such as in the specialist field to which they aspire, and who have the ability to utilize this knowledge for problem solving
- 3 People who have the communication proficiency to exchange ideas with other people, and are able to understand lectures and textbooks in English and exchange ideas with other people in English
- 4 People who have a strong desire to be the leaders of engineering in the future

Curriculum Policy (Policy on the formulation and execution of the education program)

Graduate School Master’s Degree Program

This education program has been formulated from the following perspectives for nurturing human resources according to our education philosophy.

The graduate school master’s degree program nurtures human resources who will acquire advanced specialist knowledge while working on research and who will create the society of the future by building on the skills of the bachelor’s degree, and the fundamental knowledge of and a sense of mission to engineering.

- 1 Acquire the ability to understand and observe human, cultural, and social problems from a technical perspective.

For this, as general subjects, students study subjects for comprehensively learning a variety of human, cultural, social problems, and engineering and subjects for linking technology to industry and society.

- 2 Acquire communication skills to be able to exchange ideas with researchers and engineers both inside and outside Japan in relation to specialist problems and technology.

For this, students study a wide variety of fields and acquire excellent communication skills through seminars in specialist fields, research internships both inside and outside Japan, lectures by people working in companies, and lectures or seminars in English including by foreign researchers.

- 3 Acquire advanced knowledge and technology that form the core of the field of specialization, and learn skills to discover specialist problems and solve the problems by deepening expertise.

For this, students study advanced specialist knowledge and technology, and work on novel and beneficial research in their field of specialization as their master's degree research

Diploma Policy (Policy on master's degree certification and awarding degrees)

Graduate School Master's Degree Program

The graduate school master's degree program produces engineers who have the following advanced specialist knowledge and skills according to our education philosophy and who can create new technology.

The master's degree is awarded to students who have satisfied the requirements for the master's degree as defined by the academic rules of Nagoya Institute of Technology Graduate School.

- 1 The ability to understand and observe human, cultural, and social problems from a technical perspective
- 2 The communication skills to be able to exchange ideas with researchers and engineers both inside and outside Japan in relation to specialist problems and technology
- 3 Advanced knowledge and technology that form the core of the field of specialization, and the skills to discover specialist problems and solve the problems by deepening expertise

2019 Graduate School of Engineering Master's Degree Program
Admissions Guide
For Privately-Financed International Students

1. Departments and The number of Places

Department	Number of students to be admitted
Life Science and Applied Chemistry	A few
Physical Science and Engineering	A few
Electrical and Mechanical Engineering	A few
Computer Science	A few
Architecture, Civil Engineering and Industrial Management Engineering	A few

2. Eligibility Requirements

Eligible applicants are non-Japanese nationals (except those who have been given approval of permanent residence in Japan, and those who have graduated, or are expected to graduate, from a Japanese university), who hold the Status of Residence, “College Student” (*ryugaku*), or who will be able to obtain the same status after entering the graduate school; and to whom any of the criteria listed below apply.

If you apply for the graduate school before obtaining the status of College Student, as a prospective holder of the said status, be sure to change your status to “College Student” after completing the admission procedure without delay. Failure to obtain the status of College Student will result in the revocation of the admission.

- ① Applicants who completed, or are expected to complete by March 31, 2019, a 16-year school education program in a country/region other than Japan.
- ② Applicants who completed, or are expected to complete by March 31, 2019, a 16-year school education program of a country/region other than Japan, by studying, in Japan, specific subjects via a correspondence course provided by an academic institution based in the said country/region.
- ③ Applicants who were awarded, or are expected to be awarded by March 31, 2019, a degree equivalent to bachelor's by universities overseas or others (only which are comprehensively evaluated with their activities of educational research and so on by the bodies certified by their governments or organizations concerned, or separately designated by Ministry of Education, Culture, Sports, Science and Technology as equivalent) to complete the program which is more than 3 years (including to complete the equivalent programs by taking the correspondence course subjects in Japan, which are provided by the schools overseas).
- ④ Applicants who completed, on or after a specific date designated by the Minister of Education, Culture, Sports, Science and Technology of Japan, a specialized course (*senmon katei*) of a specialized training college (*senshu gakko*) designated by the same Minister separately. (The aforementioned course shall comprise a program of at least four years, and shall satisfy other requirements and standards prescribed by the Minister.)
- ⑤ Applicants designated by the Minister of Education, Culture, Sports, Science and Technology:

The graduate school treats individuals described below as “persons recognized as having an academic ability equivalent to, or higher than, that of a university graduate”:

Applicants who completed a university education in a country/region where the period of schooling program until completion of its university education is less than 16 years; who were, or have been, engaged in research activities for a substantial period of time (approximately one year, or more) after completion of the university education, as a research student, researcher or the like at a university or a research institution equivalent to a university, such as an “inter-university research institute corporation,” located in or outside of Japan; and who will reach 22 years of age by March 31, 2019.

- ⑥ Applicants whom the Graduate School of Engineering of Nagoya Institute of Technology (NITech) (hereinafter “Graduate School”) individually screens for eligibility for admission application, and whom the Graduate School recognizes as having an academic ability equivalent to, or higher than, that of a university graduate

The individual screening for eligibility for admission application is conducted by examining the educational records, work experience, experience of international activities, and other specific records of the prospective applicant. To receive the screening at the Graduate School, please submit to the Admissions Division the documents specified below no later than 4:00 p.m. on Monday, May 21, 2018.

(1) Application for the entrance eligibility

(2) Statement of purpose

(3) Documentation showing the general information, curriculum and other educational programs of your school of graduation

Note 1: Please contact Admissions Division for application for the entrance eligibility above in (1).

Note 2: Please download and use the statement of purpose form stated above in (2) from the NITech website (<https://www.nitech.ac.jp/examination/in/request.html>).

Results of this individual screening and information regarding subsequent formalities will be sent to each prospective applicant by Monday, July 2, 2018.

3. Application Period

Tuesday, July 17–Friday, July 20, 2018 (no later than 4:00 p.m. on Friday the 20th)

Note: Submit application documents after registration (system input) of information for application over the internet by bringing them with you or mailing them. If bringing them with you, reception of the documents is from 9:00 a.m. to 4:00 p.m. If mailing them, they must be received no later than **4:00 p.m. on Friday, July 20**. Please check details from “4. Application Procedure”.

Application information registration (system input) is possible during the following period.

9:00 a.m. on Tuesday, July 10–4:00 p.m. on Friday, July 20, 2018

4. Application Procedure

Those wishing to enroll, make careful confirmation of steps [1]–[3], and complete the necessary procedures.

Procedure When Applying Over the Internet

(1) Confirmation of the entrance examination system	Download “Admissions Guide” from the NITech website, and check the qualifications for application and the application period to the major you wish to enter into.
(2) Registration of application information	From a computer etc. connected to the internet, follow the instructions on the screen, and enter the content to be registered.
(3) Confirmation of application information	Check the registered application information. The information can be printed out for confirmation.
(4) Selection of payment method	Select the method of payment for the examination fee. •Credit card •Convenience store payment •Bank ATM (Pay-easy) •Online banking
(5) Payment of examination fee	Pay the examination fee through the payment method you selected.
(6) Printing of registered application information	Print out the Application Checking Sheet and other documents.
(7) Submission of application documents	Submit the printed documents with the registered application information, from (6) etc. to Nagoya Institute of Technology as written on page 7 of “[2] Application Documents” to complete application.

Note 1: Application is not complete by only registering the application information over the internet. Application is complete after submission of the Application Checking Sheet and other documents written on page 7 of “[2] Application Documents”.

Note 2: In case of the following actions during the application information registration, or you have not continued on to the next page within 30 minutes, please note that registration must be started over again.

- You have closed the browser before completing the application information’s registration
- You clicked the “Back” button in the browser to return to the previous screen

Note 3: The following are the recommended system requirements for computer and mobile device when registering your application information over the internet.

(1) Recommended System Requirements for Computer

Browser Versions

Windows	Macintosh
Google Chrome Internet Explorer 11.X Microsoft Edge * When using Windows 8.1 or Windows 10, be sure to start up the browser from the desktop. * Internet Explorer’s compatibility mode	Mac OS 10.6 or later Safari Google Chrome

is not recommended as the site's design may be corrupted.	
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PDF Reading Software Versions

Windows	Macintosh
Adobe Acrobat Reader DC * "Reader" for Windows 8.1 and Windows 10 is not recommended. * PDF viewers for browsers are not recommended.	Adobe Acrobat Reader DC * Mac OS's preview is not recommended. * PDF viewers for browsers are not recommended.

(2) Recommended System Requirements for Mobile Device

* Although the following are recommended system requirements, some functions may not work depending on the environment of use. In such case, please use a computer instead.

OS Versions

Android	iOS
Android 4.4.X or later Android Chrome *1 Be sure to start up the Chrome browser from the icon on the smartphone screen. Access using applications downloaded from Google Play (excluding Chrome) do not work properly.	iOS 9.X.X or later Safari *2 Be sure to start up the Safari browser from the icon on the smartphone screen. Access using applications downloaded from App Store do not work properly.

[1] Registration of Application Information over the Internet and Payment of the Examination Fee

- (1) Registration of application information over the internet and a payment of the examination fee (30,000 yen) and bank transfer fee (900 yen) are required.

The process of registration application information over the internet is as stated in the separate "Internet Application Registration Process Guide" file.

- (2) Data, etc. to be prepared before beginning the registration of application information

- a. Statement of purpose and other documents

In addition to the documents created through the registration system for the application information, submission of the statement of purpose and other documents as stated in the "Other Necessary Documents" section of "[2] Application Documents" must be done within the application period. Please have them prepared so as not to be late.

- b. Applicant's facial photo data

Have the data of a photograph prepared clearly showing the full face, head and shoulders, without any hat, and taken within three months of the application. It is registered into the system together with the other information.

- c. E-mail address

An e-mail address is required. Use of a smartphone, cellular phone, or free e-mail service address is okay. (The e-mail address designated will receive notification e-mails such as those regarding completion of application information registration.)

d. Printer and printer paper

A printer able to make prints in A4 size (in either monochrome or color) is required. Normal printer paper may be used (for printing the registered application information).

(3) Cases when the internet is unavailable

If an internet environment is not available for application registration at your home, or school or university enrolled in, please inquire through the information listed in “16. Contact Information” on page 13.

Note 1: The application procedure is complete upon registering the information for application over the internet and submitting the documents written on page 7 of “[2] Application Documents”. Please note that if the necessary documents are not submitted by the application period listed in “3. Application Period” on page 4, the application will be considered incomplete (registered data invalid), and you will not be able to take the examination.

Note 2: Check the internet application registration site below in regard to details on examination fee payment methods, frequently asked questions, etc.

Internet Application Registration Site
NITech English website > Prospective Students > Internet Application Registration Site

[2] Application Documents

After registering the application information in [1] of page 6 over the internet, compile the following documents, and submit them to the NITech Admissions Division by the prescribed date. Before applying, please consult with the faculty member in NITech whom you would like to have as your academic adviser for your research proposal and the application for admission.

If mailing your application, use a commercial envelope (a rectangular No. 2 envelope with a length of 33 cm and width of 24 cm), stick a mailing label described in (2) of the chart below (**the mailing address is in “16. Contact Information” on page 13**) to the front of the envelope, **and mail it as registered express mail.**

Please contact the Admissions Division if you are submitting the application documents from outside Japan.

Printed documents of the registered application information over the internet	(1) Application Checking Sheet (Submission Sheet)	The printed version of the application information after registration over the internet
	(2) Mailing label	Stick the printed mailing label to the envelope used to send the application documents after the registration of application information over the internet. If bringing the application in person, print out the shipping label, and bring it with you (it does not need to be stuck on the envelope).

Other necessary documents	(3) Statement of purpose	Write on each of the points. Please download and use the statement of purpose form from the NITech website (https://www.nitech.ac.jp/examination/in/request.html).
	(4) Academic transcript (copy not allowed)	Submit an academic transcript issued by your university. (If it is not written in Japanese or English, a Japanese or English translation must be included.)
	(5) Certificate of (expected) graduation (copy not allowed)	Submit a certificate of (expected) graduation issued by your university. (If it is not written in Japanese or English, a Japanese or English translation must be included.)
	(6) TOEFL or TOEIC L&R score report	Carefully read the instructions in section 4 [3] (1). (This is not needed for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering.)
	(7) TOEIC L&R score sheet's return envelope	For those mailing their application documents, an envelope to submit TOEIC L&R scores is necessary only for those sending them. Write your name, address, and postal code on a commercial envelope (a rectangular No. 3 envelope with a length of 23.5 cm and width of 12 cm), and attach a postage stamp (362 yen). However, if applicants live outside Japan, the sheet will be sent by Express Mail Service (EMS). Please enclose an international reply coupon in the value of a 100g airmail letter.
	(8) Copy of certificate of residence or Copy of both sides of your residence card	Submit a copy of your certificate of residence (<i>juminhyo</i>) indicating your <u>Status of Residence</u> and <u>Period of Stay</u> , or a copy of both sides of your residence card. If you have not been registered, please submit a copy of passport.
	(9) Documentation certifying your experience of research activities * Free format	Submit this documentation if you are subject to the application eligibility criterion (5). I.e., a documentation certifying that you “were, or have been, engaged in research activities for a substantial period of time (approximately one year, or more) after completion of university education, as a research student, researcher or the like at a university or a research institution equivalent to a university, such as an “inter-university research institute corporation,” located in or outside of Japan”

[3] Important Points

(1) Submission of TOEFL or TOEIC L&R score report

Submit the following documents as applicable to your case:

A. TOEFL-iBT

Submit the Official Score Report. Examinee Score Report is not acceptable.

Request Educational Testing Service (ETS) to send your Official Score Report to NITech so that the Report will reach NITech no later than the admission application deadline. Requests can be made by either of the following methods:

- Requesting ETS directly at the time of application for a TOEFL test or by 10:00 p.m. on the day prior to the TOEFL test day (Free of charge)
- Requesting ETS directly on or after the TOEFL test day (Charged)

NITech's Designated Institution Code (DI Code): 8549

It may take approximately two months before the Official Score Report reaches NITech. Be sure to make the request well before the admission application deadline. If the Official Score Report does not arrive at NITech within the admission application period, your application documents will be regarded as incomplete.

If you would like to confirm that the TOEFL official Score Report has been arrived at NITech, please send us e-mail (nit.nyushi@adm.nitech.ac.jp) as follows:

Subject: TOEFL official score report

Body of e-mail : ①Name (alphabet)

②TOEFL Test Date

③TOEFL Registration Number

④Date of Birth

B. TOEIC Listening & Reading Test (TOEIC L & R)

You must submit the original Official Score Certificate with a photograph of your face that was issued by the TOEIC Steering Committee. (A photocopy will not be accepted.)

TOEIC Speaking & Writing Test Score Certificate is not allowed.

If you submit the previous TOEIC Official Score Certificate, only score sheets from up to two years before the application period are valid.

Your TOEIC L&R Official Score Certificate will be returned to you after your application documents are accepted.

C. To be valid, your score sheet must be dated within two years prior to the application period.

Scores for special examination systems like TOEFL-ITP and TOEIC-IP, etc. cannot be used.

- (2) Incomplete application documents cannot be accepted.
- (3) Changes made after registering your application over the internet are not acknowledged. However, if your address, phone number, etc. have changed, please contact NITech through the information listed in "16. Contact Information" on page 13.
- (4) Once you have submitted admission application documents, you cannot make changes to the contents, and the documents you submit will not be returned.
- (5) Examination fees already paid are not reimbursed for any reason other than the cases below.

- A. The fee was paid, but the application documents were not mailed.
 - * The application process is not complete by only registering application information over the internet. It is complete after mailing in the application documents within the application period.
 - B. The fee was paid, but due to a mistake or mistakes in the application documents, application was not accepted.
 - C. The fee was mistakenly paid twice.
- (6) Any false information in the submitted documents will cause cancellation of one's admission even after you have been admitted.
- (7) The personal information used for the selection will be dealt with under the Act on the Protection of Personal Information Held by Independent Administrative Agencies:
- a) NITech will use it for investigation and research for future selections.
 - b) NITech may entrust some processes of the selection and the investigation and research described in Item a) above to contractors with which NITech has made a nondisclosure agreement (hereinafter referred to as "the contractors").
In this case, NITech provides the personal information to the contractors within the scope of the entrusted affairs.
 - c) Regarding The Admission application documents and the personal information used for the selections, NITech will use it for the academic affairs, including register management, and affairs related to study support and student support.

5. Download and Printing of the Examination Admission Ticket

The examination admission ticket can be downloaded or printed from July, 27, on Friday, 2018.

Download and print the examination admission ticket from the internet application registration site, and bring it with you on the day of the examination.

6. Preliminary Consultation for Applicants with Disabilities or Others

Special treatment is available for students with disabilities. Please contact the Admissions Division prior to the application if you have a disability stipulated in Article 22-3 of the Order for Enforcement of the School Education Act, or other disability, and therefore need special care to enable you to attend the admission examination and graduate school programs.

(1) Date and consultation

By Friday, June 22, 2018

By the date above, you should inform the Admissions Division of the content of your requirements, either in writing, or by phone, or other means. The Office may conduct a meeting on campus, if necessary, by inviting you or a staff member of your school who can provide the necessary explanation on your behalf.

(2) Contact information

Refer to section "16 Contact information" on page 13.

7. Visa (Coming to Japan for the Entrance Examination)

Depending on your nationality, applicants who intend to enter Japan to take the entrance examination must obtain a visa. For details, please contact your local Japanese Embassy or Consulate.

NITech cannot be your "Inviter" or "Guarantor" when applicants apply for their 'short-term visa'. Please prepare for the necessary conditions and apply for the visa on your own.

For further information, please refer to the Ministry of Foreign Affairs website:
http://www.mofa.go.jp/j_info/visit/visa/index.html

8. Selection Process

Applicants will be selected based on an overall assessment of the academic ability test results, the interview and their transcript. Applicants must take all the academic ability tests and interviews that are prescribed by NITech. Since screening judgment is made in comprehensive consideration of the applicant's field of choice, test results, and other factors, he/she may be admitted to the field of his/her second or third choice, instead of the first choice.

(1) Academic ability test

① Specialized examination (written examination: 200-points scale. convert 200 into 300)

Date: Thursday, August 16, 2018; 10:00 a.m. – 12:00 p.m.

On the examination day, applicants MUST choose, on-site, TWO subjects out of the 41 subjects listed in the Schedule on Page 14, and answer the relevant questions. Such two subjects must be chosen from among the specific subjects designated for the field of your choice. Although questions will be provided in Japanese, answers may be given either in Japanese or English.

② Foreign language-examination (100 points scale)

For the foreign-language examination, applicants receive points based on their TOEFL or TOEIC L&R scores. The conversion of TOEFL and TOEIC L&R scores to English points will be based on the range given in the conversion table below.

To be valid, score sheets need to be dated within the two years prior to the submission period for this examination. Additionally, if scores for both TOEFL and TOEIC L&R are submitted, the highest point score after conversion will be used.

TOEIC L&R	TOEFL – iBT	Written examination score
990	120	100
10	0	0

(2) Interview

Date: Friday, August 17, 2018; 12:45 p.m.

Individual interviews will be conducted to examine the applicant's motivation for research, aptitude, personality, etc.

9. Examination Site

Nagoya Institute of Technology, Nagoya city, Aichi prefecture

Detailed information will be provided on the examination day, in front of Building No. 2 on NITech campus.

10. Announcement of Successful Applicants and Admission Procedure

- (1) Successful applicants will be announced on the NITech website (<https://www.nitech.ac.jp/>) at 10:00 a.m., Friday, September 7, 2018, by posting their examinee numbers. Letters of acceptance will also be sent to such applicants. No inquiries by telephone will be accepted.

- (2) Successful applicants (or their proxies) should carry out the admission procedure at the date shown below.

If the admission procedure is not carried out by the prescribed deadline, the applicant will be considered to have declined admission. Note that the admission procedure can also be conducted by mail in accordance with the Admission Procedure Guide which will be sent at the end of November, 2018. The documents required for admission procedure will be included in the envelope with the Admission Procedure Guide.

Date and Time of Admission procedure	Location
Monday, December 17, 2018 9:00 a.m. to 4:00 p.m.	Nagoya Institute of Technology

11. Necessary fees for Admission Procedure

Admission fee	282,000 yen (estimated)		
Tuition	Annual amount: 535,800 yen (estimated) <table style="display: inline-table; vertical-align: middle; border: none;"> <tr> <td style="font-size: 3em; vertical-align: middle;">{</td> <td style="padding-left: 10px;"> First semester: 267,900 yen Second semester: 267,900 yen </td> </tr> </table>	{	First semester: 267,900 yen Second semester: 267,900 yen
{	First semester: 267,900 yen Second semester: 267,900 yen		

Notes

- 1: If the admission fee and/or the tuition are revised by the admission or during the enrollment, the new admission fee and/or the tuition will be applied from the time of the revision.
- 2: NITech has a system whereby students can pay the tuition for both the first and second semesters at the time of paying the tuition for the first semester if they so wish.
- 3: Successful applicants who do not pay the tuition (for the first semester) at the time of the admission procedure must pay it between Monday, April 1 and Tuesday, April 30, 2019.
- 4: The paid admission fee and tuition will not be refunded, in principle. However, in the case of persons who have completed the admission procedure but who decline the enrollment by Sunday, March 31, 2019, the amount equivalent to the tuition will be refunded later, upon request from the person who paid the tuition.
- 5: NITech has a system where students may delay or be exempt from paying the admission fee and the tuition.

12. Public Information

The following information will be disclosed regarding the entrance examination for the master's degree program of the Graduate School in 2019.

- (1) Applications figures, etc.

The numbers of applicants, examinees, successful applicants and enrolled students are provided on the NITech website and from the Admissions Division.

- (2) Examination questions, etc.

① Examination questions

Examination questions for the past three years are available on the NITech website. Note, however, that some questions may not be available, subject to the Copyright Act.

② Correct answers, sample answers (For questions to which correct answers or sample answers cannot be provided, the aim of asking the question and the focus of evaluation will be explained.)

③ Method of disclosure

Information regarding examination questions, answers, etc., will be available on the NITech website in early September, 2018.

- (3) Examination results

① Upon request from examinees, the following item will be disclosed:

Comprehensive evaluation (A, B or C)

Examination results will not be disclosed to those who have been removed from the list of examinees due to absence from the examination(s) for one or more subjects.

② Request.

a) period

Monday, September 10 to Friday, September 21, 2018

b) Way to Request

At the Admission Division counter or by mail, please submit the "Examination Result Disclosure Request" (the form designated by the NITech), accompanied by the Examination Admission Ticket and a return-mail envelope for the examination result (a commercially available long format No. 2 envelope with your postal code, address and name written on it, with a 280-yen stamp affixed).

If you submit the Request by mail, please contact Admissions Division beforehand.

① Notification

The result will be mailed to each applicant in early October 2018.

13. Area of Study in Each Department

To complete the Admission Application Form, refer to the separately file "List of Advisers at the Graduate School of Engineering (Master's Degree Program)" for the necessary information to enter the names of the Department of your choice, fields and academic advisers.

14. Approval of Course Completion; Conferment of Academic Degree

A Master's Degree ("Engineering" or "Arts") will be conferred on a student who has attended the master's degree program of the Graduate School for no less than two years, who has acquired at least 30 credits from subjects specified in each Department, who has received necessary instructions and advice in his/her research, and who has passed the screening regarding the master's Thesis and the final examination conducted by the Graduate school.

15. Security Export Control

Nagoya Institute of Technology has established the "Nagoya Institute of Technology Security Export Control regulations" in accordance with the "Foreign Exchange and Foreign Trade Act", and rigorously screens potential international students on the basis of these regulations. International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired course or program.

Access the following webpage for more details:

URL:<http://www.meti.go.jp/policy/anpo/englishpage.html>

URL:https://www.nitech.ac.jp/eng/about/regulations/files/c-1_Security_Export_Control_Regulations.pdf

16. Contact Information

For inquiries about Admissions Guide, please contact us by e-mail or telephone.

Admissions Division, Nagoya Institute of Technology

Gokiso-cho, Showa-ku, Nagoya City 466-8555

Telephone: +81-52-735-5083

Fax: +81-52-735-5084

E-mail: nit.nyushi@adm.nitech.ac.jp

Appendix: Selection Questions

The questions you may select are determined by your preferred department. The questions that correspond to each department are indicated by circles in the table below. You must select two of those questions.

Question No.	Question subject	LC	PE	EM	CS	AC
1	Calculus and Linear Algebra	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2	A [Inorganic chemistry], B [Synthesis of inorganic materials]	<input type="radio"/>				
3	A [Organic chemistry], B [Polymer synthesis]	<input type="radio"/>				
4	[Polymer science]	<input type="radio"/>				
5	A [Basic physical chemistry], B [Polymer physical chemistry]	<input type="radio"/>				
6	A [Analytical chemistry], B [Structural analysis and characterization of inorganic materials]	<input type="radio"/>				
7	A [Polymer material properties], B [Biochemistry]	<input type="radio"/>				
8	A [Chemical engineering], B [Physical properties of inorganic materials]	<input type="radio"/>				
9	Physical chemistry		<input type="radio"/>			
10	Crystallography		<input type="radio"/>			
11	Materials physics		<input type="radio"/>			
12	Materials processing		<input type="radio"/>			
13	Quantum mechanics		<input type="radio"/>	<input type="radio"/>		
14	Electric circuits, electronic circuits		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	Electromagnetics		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	Electronic properties		<input type="radio"/>	<input type="radio"/>		
17	Control engineering		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	Mechanics and material mechanics		<input type="radio"/>	<input type="radio"/>		
19	Fluids Engineering		<input type="radio"/>	<input type="radio"/>		
20	Thermodynamics		<input type="radio"/>	<input type="radio"/>		
21	Materials and processing		<input type="radio"/>	<input type="radio"/>		
22	Computer software				<input type="radio"/>	
23	Computer hardware				<input type="radio"/>	
24	Information theory			<input type="radio"/>	<input type="radio"/>	
25	Mathematics 1				<input type="radio"/>	
26	Mathematics 2				<input type="radio"/>	
27	Architectural materials and structures					<input type="radio"/>
28	Architectural environments					<input type="radio"/>
29	Architectural, planning design and history					<input type="radio"/>
30	Design theory					<input type="radio"/>
31	Design production					<input type="radio"/>
32	Structural mechanics and concrete engineering for civil engineering					<input type="radio"/>
33	Hydraulics and geomechanics for civil engineering					<input type="radio"/>
34	Planning for civil engineering					<input type="radio"/>
35	Industrial strategy					<input type="radio"/>
36	Operations management					<input type="radio"/>
37	Human resources and systems management					<input type="radio"/>
38	Mathematical analysis for management					<input type="radio"/>

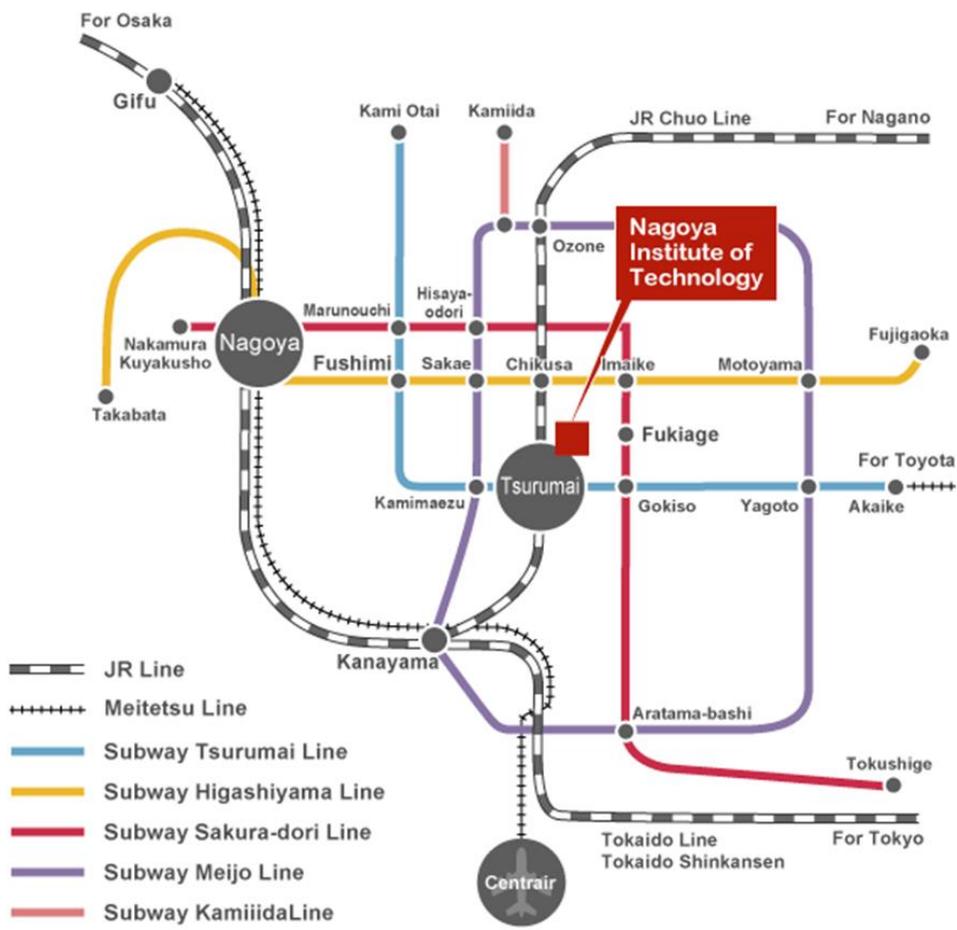
Note 1:	Some questions are further divided into subject categories A and B. This means that the examinee gets a choice of which question to answer. For example, question 2 gives the examinee the choice of answering either question A [Organic chemistry] or question B [Polymer synthesis]	
Note 2:	LC = Life Science and Applied Chemistry EM = Electrical and Mechanical Engineering AC = Architecture, Civil Engineering and Industrial Management Engineering	PE = Physical Science and Engineering CS = Computer Science

Scope of Questions Covered by Each Question Subject

No.	Question subject	Question scope
1	Calculus and Linear Algebra	Calculus and Linear Algebra (focused on calculation problems), but excluding ordinary differential equations
2	A [Inorganic chemistry] B [Synthesis of inorganic materials]	A: General inorganic chemistry, complex chemistry, electrochemistry, bio-inorganic chemistry B: The basics of inorganic materials, such as materials chemistry, as well as thermodynamics, organization control, ceramics surface chemistry, synthesis of crystalline materials and amorphous materials, etc.
3	A [Organic chemistry] B [Polymer synthesis]	A: General organic chemistry, natural products chemistry, bioorganic chemistry, etc. B: Chain polymerization, successive polymerization, polymer reaction, characterization, etc.
4	[Polymer science]	Design, properties, structure, and functionality of natural polymers and synthetic polymers
5	A [Basic physical chemistry] B [Polymer physical chemistry]	A: Chemical thermodynamics, quantum chemistry / structural chemistry B: Physical chemistry of polymer solutions, liquids, and solids, polymer structure, etc.
6	A [Analytical chemistry] B [Structural analysis and characterization of inorganic materials]	A: Chemical equilibrium for use in analysis, solvent extraction, chromatography, electrochemical analysis, spectroscopic analysis, mass spectrometry, etc. B: Inorganic structural chemistry, quantum chemistry, crystallography, structural analysis, materials analysis, etc.
7	A [Polymer material properties] B [Biochemistry]	A: Polymer material characteristics, rubber elasticity, viscoelasticity, time/temperature conversion rules, etc. B: Enzyme reaction, enzyme activity regulation, energy metabolism of mammals, metabolic regulation by hormones
8	A [Chemical engineering] B [Physical properties of inorganic materials]	A: Basic chemical engineering, transport phenomena B: Revealing the properties and structure of inorganic materials, including electronic properties, materials science, and material strength studies
9	Physical chemistry	Thermodynamics, thermal properties, quantum properties
10	Crystallography	Crystal analysis, structure analysis, material structure, metallic materials
11	Materials physics	Mechanical properties, electronic physical properties, functional materials
12	Materials processing	Environmental materials chemistry, physical chemistry, material processing
13	Quantum mechanics	Basic framework of quantum mechanics, problems of bound states and scattering states in spatial one-dimensional systems

14	Electric circuits, electronic circuits	Transient phenomena in direct current circuits, alternating current circuit theory (excluding three-phase alternating current circuits), bipolar transistor amplifiers and operational amplifiers
15	Electromagnetics	Electrostatic fields, stationary current, static magnetic fields, electromagnetic induction (excluding electromagnetic waves)
16	Electronic properties	Crystal structures, energy bands, metals/semiconductors/insulators, density of states, Fermi level, electrons and holes, electrical conduction, the Hall effect
17	Control engineering	Laplace transform, transfer functions, block diagrams, system response, frequency response, system stability
18	Mechanics and material mechanics	Basic knowledge of statics and dynamics of material particles and rigid bodies; momentum, impulse and energy; strain and stress; tension and twist of bars; bending of beams, etc.
19	Fluids Engineering	Hydrostatics, one-dimensional flow (including Bernoulli's theorem), momentum theory, dimensional analysis, pipe flow, basic equations of fluid mechanics, potential flow
20	Thermodynamics	First law, second law, ideal gas, general thermodynamic relations, gas cycles, steam cycles, effective utilization of thermal energy, etc.
21	Materials and processing	Basic matters of mechanics of plasticity; fundamental knowledge of basic machine materials
22	Computer software	Data structures and algorithms, formal language and automata, mathematics for computer science
23	Computer hardware	Computer fundamentals, logic circuits, computer structure
24	Information theory	Entropy, source coding, channel coding
25	Mathematics 1	Complex analysis, vector analysis, differential equations (including Fourier series)
26	Mathematics 2	Questions that test the applicant's mathematical thinking skills through a range of mathematics that includes the theoretical side of probability, sets and topology, calculus and linear algebra
27	Architectural materials and structures	All aspects of architectural materials, construction methods, and architectural structures
28	Architectural environments	All aspects of architectural environments and equipment
29	Architectural, planning design and history	All aspects of architectural and urban planning, architectural design and architectural history
30	Design theory	All aspects of design theory
31	Design production	All aspects of design production
32	Structural mechanics and concrete engineering for civil engineering	Structural mechanics and concrete engineering, in general, in the field of civil engineering
33	Hydraulics and geomechanics for civil engineering	Environmental hydraulics, soil mechanics and geotechnical engineering, in general, in the field of civil engineering

34	Planning for civil engineering	Infrastructure planning in the field of civil engineering (linear programming, queuing theory, cost-benefit analysis, mean deviation testing, regression analysis, process management) and civil engineering ethics
35	Industrial strategy	Management strategy, marketing, business management
36	Operations management	Production management, project management, project systems engineering, risk management
37	Human resources and systems management	Systems approach, human factors, management psychology
38	Mathematical analysis for management	Quality management, engineering economy, operations research



Statement of Purpose

Desired department (field)	Department of (Field)	Examinee's No.	*
Graduating university	University:	Furigana	
	Department:	Name	
Graduated/expected to graduate on: / /			
Please write about the following items.			
1. Subject of graduation thesis (graduation research)			
2. Reason for choosing the Department			
3. Subjects which you wish to study at the Graduate School of Engineering and their description			

FY 2019 Graduate School of Engineering, Nagoya Institute of Technology (Master's Degree Program)

Notes:

- Do not fill in the space marked with an asterisk (*).
- For the "Reason for choosing the Department" and the "Subjects which you wish to study at the Graduate School of Engineering and their description," please write in about 50 words on each.