

Academic Year 2023

Guidelines for Admission to Doctoral Program,  
Graduate School of Engineering Nagoya University,  
October 2023 Entrance

(Including Special Admission for Working Applicants)

Tentative translation of Japanese version

April 2023

Graduate School of Engineering

**Nagoya University**

## **ADMISSIONS POLICIES**

### **Graduate School of Engineering, Nagoya University**

#### **Doctoral Program (HAKUSHI-KOKI-KATEI)**

##### 〈Admissions Policy〉

This program seeks applicants who possess the fundamental academic abilities and specialized knowledge equivalent or superior to those of a master's degree holder, and who are motivated to pursue more advanced knowledge in engineering and to create new value.

##### 〈Selection Process〉

In line with the admissions policy, each department will select students by a comprehensive evaluation through assessment of their basic academic abilities (including linguistic skills) and specialized knowledge, as well as the content and plans for their doctoral research, based on their grades on a written test and oral assessment, document screening, etc.

### **Important Notice**

In the event of the spread of a new coronavirus infection or other disasters, the examination schedule and selection procedures may be changed. In this case, we will announce the changes on the following websites, so please pay special attention before applying and taking the exam.

Website of Graduate School of Engineering Website  
<https://www.engg.nagoya-u.ac.jp/en/index.html>

### **Procedures related to the amendment of the “Deemed Exports” for Security Export Control in Japan**

In November 2021, in accordance with the clarification of the scope of control for “deemed exports” under the Foreign Exchange and Foreign Trade Act (“FEFTA”), the provision of some sensitive technologies to students by universities and research institutions has become subject to control under the FEFTA. In accordance with this change, all applicants who are to study at the University will be required to submit a “Declaration of applicable specific categories” based on the “Flowchart for determining applicable specific categories.”

Please visit the following website and check the “Declaration of applicable specific categories”. Please fill out the form and submit it along with your application documents.  
<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>

- All applicants, including those who have Japanese nationality, are required to submit the “Declaration of applicable specific categories”.
- If you fall under any of these categories, please submit evidence documents for determining applicability, along with your application documents.
- Some students may be required to submit a "pledge" at the time of admission procedures.

# Guidelines for Admission to Doctoral Program, Graduate School of Engineering, Nagoya University, October 2023 Entrance

## A. Regular Admission

### 1. Eligibility Requirements

The applicant must satisfy one of the conditions below.

- (1) Has earned a master's degree or professional degree or expects to have earned such degree by September 30, 2023.
- (2) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023, at a graduate school in a foreign university.
- (3) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by taking correspondence courses in Japan offered by school outside Japan.
- (4) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by completing a course designated by the Minister of Education, Culture, Sports, Science and Technology in an educational institution in Japan recognized as adopting the educational system of a foreign country and having the curriculum of a graduate school in that country.
- (5) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by graduating from the United Nations University established based on the resolution of the United Nations General Assembly in December 11, 1972 stipulated in the Clause 2, Article 1 of the Act on Special Measures Incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University (Act No. 72 of 1976).
- (6) Has been recognized as having achieved at least the academic equivalence of a Master's degree through an educational program of ① a foreign school, ② educational institutions which have the curriculum of a graduate program, or ③ the United Nations University and passing the equivalent examination and screening process as stipulated in the Clause 2, Article 16 of the Standards for the Establishment of Graduate School (Act No. 28, 1974).
- (7) Meets either of the following criteria for eligibility specified by the Minister of Education, Culture, Sports, Science and Technology:
  - (a) Has or will have carried out research in a university or research institute, etc. for two or more years by September 30, 2023 after graduating from university, and is recognized in this Graduate School on the basis of those research accomplishments as having achieved at least the equivalent academic abilities of someone with a master's degree.
  - (b) Has or will have carried out research in a university or research institute, etc. for two or more years by September 30, 2023 after completing 16 years of course studies overseas, or after completing in Japan 16 years of foreign school course studies by means of correspondence courses conducted by foreign schools, and is recognized by this Graduate School on the basis of those research accomplishments as having achieved at least the equivalent academic abilities of someone with a master's degree.

\*Please refer to "Candidates Applying under Eligibility Requirement (7) on page 20.
- (8) Is aged 24 or above in September 30, 2023 and, through individual admission qualification screening, is recognized by this Graduate School as having achieved at least the equivalent academic abilities of someone with a master's degree.

\*Please refer to "Candidates Applying under Eligibility Requirement (8) on page 21.

## 2. Number of Available Places

Departments	No of Places
Molecular and Macromolecular Chemistry	Limited
Materials Chemistry	Limited
Biomolecular Engineering	Limited
Applied Physics	Limited
Materials Physics	Limited
Materials Design Innovation Engineering	Limited
Materials Process Engineering	Limited
Chemical Systems Engineering	Limited
Electrical Engineering	Limited
Electronics	Limited
Information and Communication Engineering	Limited
Mechanical Systems Engineering	Limited
Micro-Nano Mechanical Science and Engineering	Limited
Aerospace Engineering	Limited
Energy Engineering	Limited
Applied Energy	Limited
Civil and Environmental Engineering	Limited

## 3. Application Registration Period/Examination Fee Payment Period/ Application Period

① Web application registration period and Examination fee payment period  
Friday, June 23 - 3 p.m., Wednesday, July 12, 2023.

② Application Period (Submit application documents by postal mail)

Send by registered mail within the following application period.

Friday, July 7 – Wednesday July 12, 2023

Applications must be postmarked by the last day of the acceptance period.

If the application documents are mailed from overseas, they must arrive by Wednesday, July 12.

(Postmarks are not considered in this case.)

For the Web applications, please refer to “6. Web Application Flow” on page 6.

For more details on payment of the examination fee, please refer to “7. Payment of examination fee” on page 10.

## 4. Application Procedures

The application procedure will be completed by registering the application and paying the examination fee on the Web application site (refer to page 6) within the period for payment of the examination fee, and submitting the application documents by post within the period for acceptance of the application. Please note that the application procedure is only completed when the application documents arrive at the Graduate School of Engineering.

- The deadline for payment of the examination fee is four days (\*) including the date of application registration, and if a payment is not made within the period, the application registration will be automatically cancelled. In case of cancellation, re-registration is needed.

\*Payment is due within 4 days including the date of application. However, if the Web application deadline falls earlier than that, the payment deadline (3 p.m. Wednesday, July 12) will be the Web application deadline.

- For details, please refer to “7. Payment of examination fee” on page 10.

- Mail the documents ① to ⑫ in “5. Application Package” to Admission Section, Student Affairs Division at Graduate School of Engineering so that they arrive within the application period. It is not allowed to bring application documents directly.

Mail to:

Student Affairs Division (3rd floor of ES building-)  
Graduate School of Engineering, Nagoya University  
Furo-cho, Chikusa-ku, Nagoya 464-8603  
Japan

## Notes

(1) Make sure to contact a professor with whom you wish to study under or the office of the department you wish to enroll in before the application. (2) Print the documents downloadable and the Address Sheet in color after completing the application registration on the Internet. Attach the Address Sheet to a commercially available Kaku 2(Square-sized Form 2) envelope and send all the necessary documents to the Admission Section, Student Affairs Division of the Graduate School of Engineering by the application deadline.

For details, refer to “STEP 6 (Send Required Documents by Post)” on page 9.

(3) Application documents must be sent from the post office window by simple registered mail. (Do not send from the post box.) In the case of sending from overseas, send in a way that can be tracked, such as EMS / DHL.

(4) Application will not be accepted if the specified documents are not complete.

(5) No amendments and returned of the documents in the application package will be allowed once the package has been received by the Student Affairs Division, regardless of the circumstances.

(6) If, after admission, it is discovered that any of the documents have been falsified or that necessary details or documents have been omitted, the admission will be cancelled, even in the event when the candidate has already been admitted to at the University.

(7) For more information concerning the application, contact the office in 12(6) on page 12.

## 5. Application Package(Documents)

Please download the designated form excluding the Web applications from the following Graduate School of Engineering website, print it in color on a A4 paper, and fill it out.

(<https://www.engg.nagoya-u.ac.jp/prospective/graduate/admission.php>)

### 【Precautions when filling out application documents】

1. Application documents should be printed on white paper in A4 size without enlarging or shrinking them.
2. When filling out the application form, write letters in block letters, numbers in Arabic numerals, and letters in capital letters, and write clearly and accurately with a black ballpoint pen.
3. If you want to make corrections, please correct with two lines, affix the correction seal (authentic seal), and fill in the margins again. Do not use correction fluid.

	Documents, etc.	Notes
①	Nagoya University Graduate School Application form and Photograph Card	The application form and photograph card must be printed in color on a single-sided sheet of A4 sized paper from the Web application site. The applicant must prepare and upload a portrait photo, that is front facing, includes the upper body, no hats or backgrounds, and has been taken within 3 months of the application.
②	Application Form for Nagoya University Graduate School of Engineering (Admission to Doctoral Program, October 2023 Entrance) (designated form)	Download the designated form from the website of the Graduate School of Engineering and fill it out.
③	Academic transcript for undergraduate and master's programs (original)	Official transcripts (academic records) of both undergraduate and master programs. -Applicants who currently enrolled in a regular course at the Graduate School of Engineering, Nagoya University or those who apply under Eligibility Requirement (7) do not need to submit the official transcript for the Master program. -Applicants applying under Eligibility Requirement (8) do not need to submit either of these documents. - International students who are research students of the Undergraduate School of Engineering/ Graduate School of Engineering, Nagoya University do not need to resubmit if they have already submitted the original certificate (limited to the paper certificate and probability certificate is not acceptable) at the time of admission to the research student.

		<p>Note 1) Be sure to submit the original of the certificate. Data such as photocopies and PDFs cannot be submitted.</p> <p>Note 2) Those who have completed the advanced course of a College of Technology must submit a transcript of the advanced course. However, those who transfer from a College of Technology to a university do not need a transcript of the College of Technology.</p> <p>Note 3) If the name on the certificate differs from the current name due to a name change, etc., please submit a document that proves it.</p> <p>Note 4) Applicants who have graduated from a foreign university must submit a certificate issued by the university or a notary office.</p> <p>Note 5) English or Japanese translation is required if the transcript is not written in either Japanese or English. (If you translate by yourself, please write the date and sign your name on it.)</p>
④	Certificate of completion (or expected completion) of a master's program or professional degree program (original)	<p>- Applicants who currently enrolled in a regular course at the Graduate School of Engineering, Nagoya University do not need to submit this document.</p> <p>- Applicants applying under Eligibility Requirement (7) or (8) do not need to submit this document.</p> <p>- International students who are research students of the Undergraduate School of Engineering/ Graduate School of Engineering, Nagoya University do not need to resubmit if they have already submitted the original certificate (limited to the paper certificate and probability certificate is not acceptable) at the time of admission to the research student.</p> <p>Note 1) Be sure to submit the original of the certificate. Data such as photocopies and PDFs cannot be submitted.</p> <p>Note 2) Students who are taking a leave of absence from the Graduate School of Engineering should consult with the Admissions Section of the Student Affairs Division in advance.</p> <p>Note 3) If the name on the certificate differs from the current name due to a name change, etc., please submit a document that proves it.</p> <p>Note 4) Applicants who have graduated from a foreign university must submit a certificate issued by the university or a notary office.</p> <p>Note 5) English or Japanese translation is required if the transcript is not written in either Japanese or English. (If you translate by yourself, please write the date and sign your name on it.)</p>
⑤	Summary of Master's Thesis or Summary of Research Work (designated form)	<p>If the applicant's master's thesis has not been completed at the time of application, submit a summary of research work undertaken during your master's program instead.</p> <p>Print the designated forms from the Graduate School of Engineering website. Summary should be approximately 2,000 characters in Japanese (If using a computer, set a line to be about 40 characters).</p> <p>Applicants applying under Eligibility Requirement (7) or (8) do not need to submit this document.</p>
⑥	TOEFL or TOEIC score sheet (stick to designated form)	<p>Departments utilizing TOEFL/TOEIC scores as part of the language test (English) are as follows.</p> <p>Molecular and Macromolecular Chemistry Dep., Materials Chemistry Dep., Biomolecular Engineering Dep., Applied Physics Dep., Materials Physics Dep., Civil and Environmental Engineering Dep.</p> <p>Those applying for the departments mentioned above should contact a prospective advisor or the office of the department for the inquiry about the documents to be submitted.</p> <p>Use the designated form on the website of the Graduate School of Engineering and paste your TOEFL or TOEIC score sheet on the "TOEFL/TOEIC Score Sheet Submission Form".</p> <p>(Submission of TOEIC Score Sheet) The TOEIC score sheet must be the certificate original (Official Score Certificate) of the TOEIC Listening and Reading Test. However, if the country does not issue an "Official Score Certificate", submission of both the "Official Score Report" and "Certificate of Achievement" will be deemed to have submitted the original.</p>

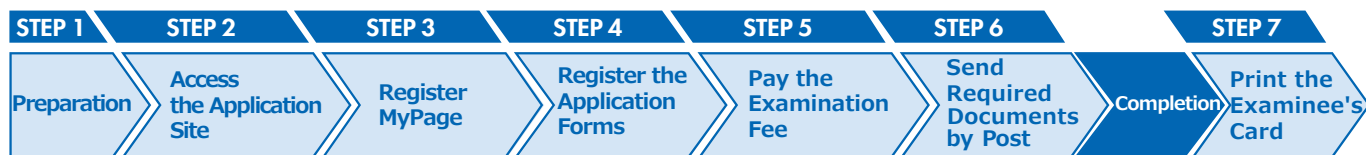
		<p>IP: Institutional Program scores will not be accepted.          In principle, score sheets without face photos will not be accepted. However, if the country does not issue an "Official Score Certificate", it will be accepted even if the "Official Score Report" does not have a face photo.          It is not possible to replace or return a copy of the score sheet once submitted.</p> <p>(Submission of TOEFL Score Sheet)          Those submitting the TOEFL Scores should submit both ① and ② below.          ① "Institutional Score Report" or "Official Score Report."          ② "Test Taker (Examinee) Score Report (copy)" mailed to the examinee.          Please follow the instructions below when submitting the TOEFL Score.</p> <p>Make arrangements to have the official scores ("Institutional Score Report" or "Official Score Report") sent directly from the testing institution to Nagoya University by the deadline. (Enter the institutional code for Nagoya University D377 and Department code correctly. Specify Department Code as 99 if there is no appropriate code.) After taking the TOEFL test, it takes about 6 to 8 weeks for the "Institutional Score Report" or "Official Score Report" to arrive at the designated address. Since the arrival may be delayed, take the TOEFL test with sufficient time.</p> <p>For "Institutional Score Report", only. "Test Date Scores" is used. ("MyBest™ Scores" is not adopted.)          ③ Submit the copy of the "Test Taker (Examinee) Score Report" in application.</p>
⑦	Envelope for notification of acceptance or denial of application (attach designated form)	<p>Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted (available on the Graduate School of Engineering website).</p> <p>Affix stamps worth 354 yen.          Applicants taking the exam while residing overseas do not need to submit this envelope.</p>
⑧	Envelope for notification of enrollment procedures (attach designated form)	<p>Write your name and address (in Japan) on the envelope (Square-sized Form 2) after attaching designated paper to be posted (available on the Graduate School of Engineering website).</p> <p>Applicants taking the exam while residing overseas do not need to submit this envelope.</p>
⑨	Declaration of Applicable Specific Categories (designated form)	<p>Check the "Declaration of applicable specific categories". Please fill out the form and submit it along with your application documents.          Only if you fall under any of the category ① to ③, submit the attached flowchart as well as the notification of receiving a scholarship from an overseas institution.</p>
⑩	(Foreigners only) Copy of both sides of your "Residence Card" or original of your "Copy of Certificate of Residence"	<p>For non-Japanese citizens only.          An overseas resident who cannot provide it at the time of application must submit a copy of his/her passport pages with the ID photograph and submit any of above certificates at the time of enrollment procedure.</p>
⑪	Certificate of Japanese Government Scholarship (original)	<p>Submit only if you currently receive MEXT Scholarship at another university.          It must be issued by the university where you are currently enrolled.</p>
⑫	Application Document Checklist (designated form)	<p>Please use the designated form posted on the website of the Graduate School of Engineering, fill in the applicant check box, and submit it.</p>

## 6. Web Application Flow

(Next page and following)

# Web Application Flow

The web application flow is as follows.



## STEP

# 1



## Preparation

Prepare a computer and printer connected to internet (smartphone and tablet are not recommended).

Prepare \*required documents well in advance before application since it may take time to obtain them.

\*Required documents: ID photo data, certificates etc.  
For details, please check the [application guidelines](#) for the graduate schools you wish to enter.



(Photo data)

## STEP

# 2



## Access the Application Site

From the application site ▶ <https://e-apply.jp/ds/nagoya-gs/>



## STEP

# 3



## MyPage Registration

Follow the instructions on the screen to enter the required information and register for MyPage. If you have already registered MyPage, please proceed to STEP4.



① If you register MyPage for the first time, please login from **My Page registration**.



② Register your email address and click **Submit a temporary registration e-mail**.



③ Click **Go to Login**.



④ The initial password and URL for main registration will be sent to the e-mail address.

\* Please check your e-mail settings as well to ensure that you are able to receive e-mails from @e-apply.jp domain.



⑤ On the login screen, enter the registered e-mail address and the "initial password" you received in ④, and click **Login**.



⑥ Change from the initial password to new password.



⑦ Enter the required personal information and click **Next**.



⑧ Confirm the personal information you entered and click **To register in this content**.



⑨ Registration is completed. Click **To My Page**.



⑩ When the above is displayed, MyPage registration is complete.

⑪ During the application period, click **Carry out the application procedure** to continue the application procedure. Outside of specified periods, you cannot proceed any further, so click **Log out** to logout.

## STEP

# 4



## Register the Application forms

Make sure to confirm to procedures and notes on the screen page, and enter required information.



① Login to MyPage and click **Carry out the application procedure**, then go to the registration screen.



② Select your graduate school.



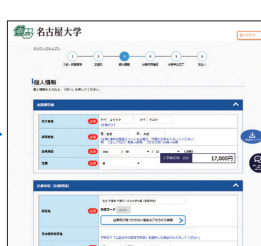
③ Select the entrance exam to take and read the important notes.



④ Choose which major to apply for.



⑤ Upload ID photo data and click **To choose photo** to select a photo.



⑥ Enter the required personal information.



⑦ Confirm application form. You can check the application form by clicking **Application Form (sample)**.



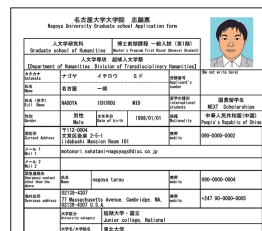
⑧ Application registration is completed. Click **Continue to pay** to proceed the examination fee payment screen.



Payment is due within 4 days including the date of application. However, if the Web application deadline falls earlier than that, the payment deadline will be the Web application deadline.

⑨ How to pay the examination fee

- Convenience stores\*
- ATMs with Pay easy\*
- Internet banking\*
- Credit card
- \* Only available in Japan



⑩ PDF documents are required for application (image).

⑪ Printing will be available after payment of the examination fee. These are required to submit as well as required documents.

If you choose to pay the examination fee at a convenience store or a bank ATM that supports Pay-easy, please make sure to write down the necessary payment number displayed after selecting the payment method, and pay the fee at a convenience store or bank ATM within the notified payment deadline.

### At Seven Eleven

Payment slip number (13 digits)

### At Daily Yamazaki, SeicoMart

Online settlement number (11 digits)

### At Lawson, Mini Stop, FamilyMart, ATMs with Pay-easy

Customer number (11 digits)

Confirmation number (6 digits)

receiving institute number (5 digits) **5 8 0 2 1** At ATMs with Pay-easy

A confirmation e-mail will be sent to you after you have completed the registration of your application. If you have set restrictions on receiving e-mails, please allow the sender (@e-apply.jp).  
\*Please note that the confirmation email may be sent to your junk folder.



After the examination fee has been paid, you will not be able to correct your application contents. Please check your application contents before paying the examination fee. If there are any errors, please register again from Step 3.

\*Please note that if you select credit card in "⑨How to pay the examination fee", the payment will be completed at the same time as registration.

# STEP

# 5



## Pay the examination fee

### 1 Paying with a credit card

You can select and pay during the Web application.

[Credit cards available for the payment]

VISA, Master, JCB, AMERICAN EXPRESS, MUFG, DC, UFJ, NICOS



The payment can be completed during the Web application.

### 2 Paying by internet banking

(Only in Japan)

After your Web application is registered, the page will shift to the site of the bank you chose. Make the payment as instructed on the screen.

\*Required your bank account is registered for internet banking.

The payment can be completed online.

### 3 Paying at convenience stores (Only in Japan)

Write down the number displayed after your Web application is registered, and pay at any one of the following convenience stores.

● Pay at the cashier

● Pay using the terminal



Loppi



Fami Port



### 4 Paying at ATMs with Pay-easy option

(Only in Japan)

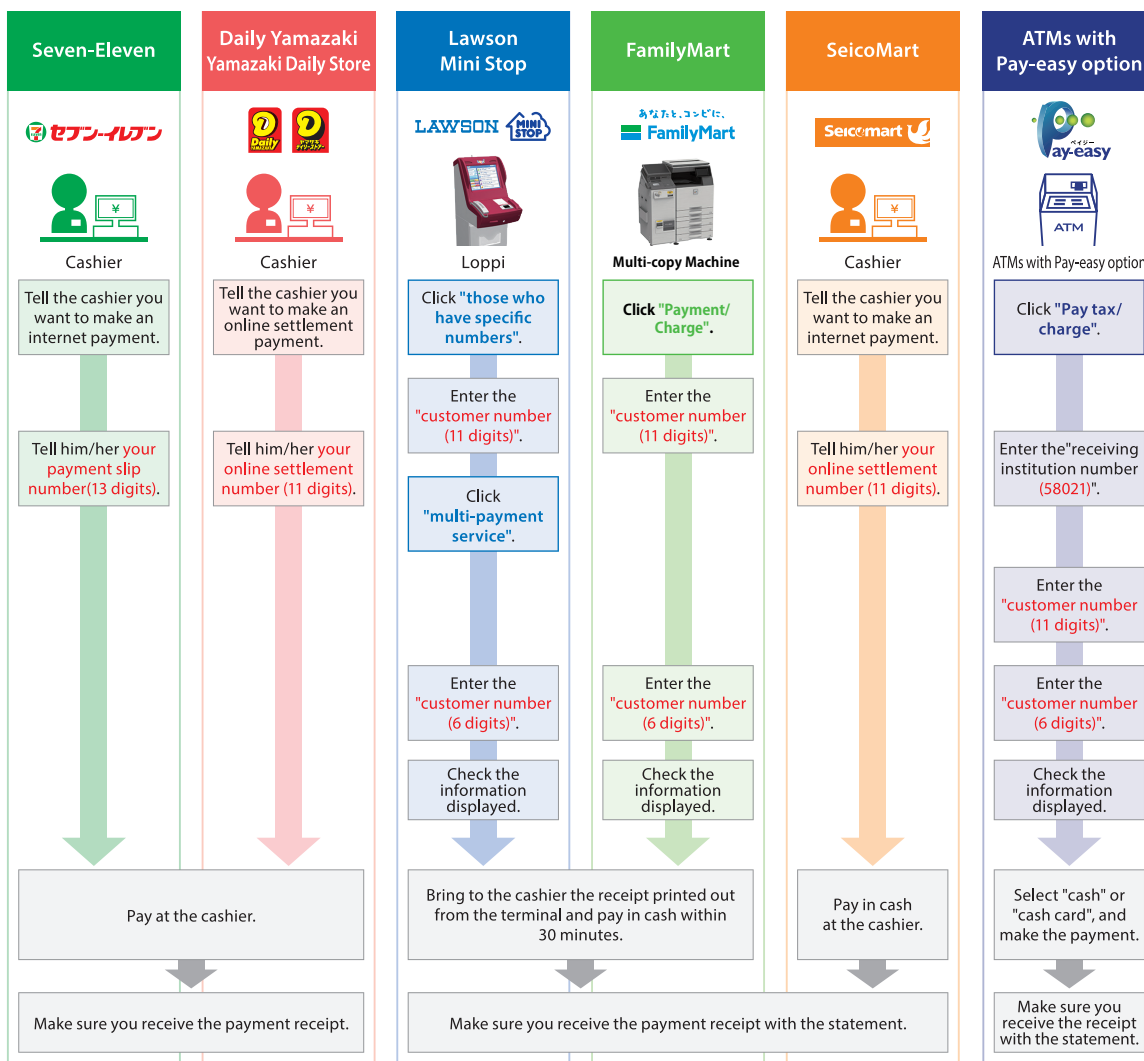
Write down the number displayed after your Web application is registered, and pay at any one of the ATMs with Pay-easy option as instructed on the screen.



\*Banks with Pay-easy option can be checked on the [Selection of Payment Method] page.

Enter necessary information as instructed on the screen of the terminal or ATM, check the information displayed, and make the payment.

### 3 Convenience stores



### 4 ATMs

## STEP

# 6

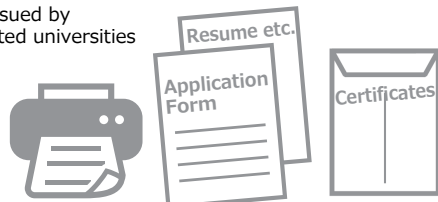


## Send Required Documents by Post

Print the documents downloadable in color after the completing and paid your application and send them from post office by registered express mail (書留速達郵便) along with other required documents. If you are from outside Japan, send them by tracked post (EMS etc.) within the application period.

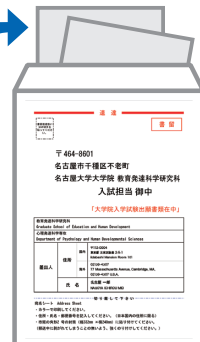
### Required documents

- Documents to be printed from the web application
- Documents to be downloaded from the Graduate School WEB site and prepaed
- Certificated issued by your garaduated universities



One copy is required for each application registration. Please refer to **the application guidelines** for the required documents.

The mailing address of your application will be automatically printed on the Address Sheet. When sending from overseas, do not use this sheet.



Address sheet for submitting your application

Attach the sheet to a commercially available Kaku 2 envelope (24cm x 33.2cm).



If the application guidelbook specify other submission methods, please follow it.

\*The examination fee and necessary documents that have been received will not be returned in any way except for those specified it in **the application guidelines**.

## < Application Completion >

### Note for Application

Your application will be completed only after you complete the web application, pay the examination fee, and send by post the required documents by the deadline. Please make sure to check the deadline in **the application guidelines**.

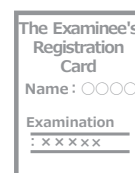
## STEP

# 7



## Print the Examinee's Registration Card

When the application is accepted and the examinee's registration card is able to be printed, you will be notified it through the e-mail address you have registered. If you do not receive the e-mail, please login to the Web application site by the day before the examination, print the card out on an A4 paper, single-sided in color, and bring this with you on the day of the examination.



## 7. Payment of examination fee

### (1) Examination Fee: 30,000 yen

In addition to the examination fee, a service charge (about 800 yen) is required. The amount of the service charge will be displayed on the payment procedure screen.

**The applicant will not be required to pay the examination fee if he/she falls under either of the following:**

- 1) The applicant wishes to advance to the Doctoral Program at the Graduate School of Engineering directly after the completion of a Master's Program at a Graduate School of Nagoya University (including other graduate schools).**
- 2) The applicant is a Government (MEXT)-sponsored scholar.**

Please check "Exemptions from the examination fee" at the time of filing an examination on the Web application site.

Please note that if you select "Exempt from the examination fee" by mistake and submit your application documents without paying the examination fee, your application will not be accepted.

### (2) Payment Period

Friday, June 23 - 3 p.m., Wednesday, July 12, 2023

### (3) Method of Payment

Payment of examination fee should be made by referring to "STEP 5(Pay the examination fee)" on page 8. Persons residing overseas should pay by credit card.

### (4) Refund of Examination fee

After accepting the application documents, the paid examination fee will not be refunded.

However, in the following cases, the paid examination fee will be considered for refunding.

- A: if you do not apply or your application is not accepted after paying the examination fee.  
B: if you pay the examination fee twice.

Note) The examination fee will be refunded by bank transfer. When returning to an overseas bank account, the amount returned might be greatly reduced and it will most likely take a large number of days to return, so pay the examination fee carefully.

Check the Nagoya University website\* for how to request a refund.

\* <https://www.nagoya-u.ac.jp/admissions/exam/gs-exam/cat/index.html>

Note) This website is only available in Japanese, so please check with the Student Affairs Division.

## 8. Print the Examinee's Registration Card

Notify by registered e-mail by Friday, August 4, 2023. In accordance with the precautions provided in the e-mail, log in to the Web application site and print the Examinee's Registration Card single-sided in color on A4 paper. For details, please refer to the "STEP 7 (Print the Examinee's Registration Card)" on page 9.

In addition, if there is any information on the examination, it shall be sent to the e-mail address registered at the time of application. Please check regularly for any new mail.

Notes:

- (1) The reception number for Web application registration is not the examination number. On the day of the examination, applicants cannot take the examination with the reception number, so applicants must bring their Examinee's Registration Card.
- (2) Applicants are not allowed to present the Examinee's Registration Card on the screen of a smartphone on the day of the examination.

## 9. Selection Method

### (1) Entrance examination:

August 22, 2023: Language test (English), August 22-25, 2023: examination of fundamental knowledge and in the Specialized area and/or Oral examination.

#### ① Method: Both Written and Oral, or either

Written examination: language test (English), examination of fundamental knowledge, and in the Specialized area.

English language proficiency might be tested through oral examination. In this case, applicants will

receive more information from the department.

② Language test (English).

Date: 10:00-12:00, August 22, 2023.

Location: Graduate School of Engineering Nagoya University, Furo-cho, Chikusa-ku, Nagoya, Japan.

1) The use of dictionary is not permitted.

2) Those applying for the department utilizing the TOEFL/TOEIC scores as part of the entrance examination should refer to “Department Guide” or “Note on applying for admission” and contact a prospective professor or the office of the department for the details about the examination.

③ Examination of fundamental knowledge and in the Specialized area and/or Oral examination.

Date: 13:30 on August 22 - 17:00 on August 25, 2023

Location: Graduate School of Engineering Nagoya University, Furo-cho, Chikusa-ku, Nagoya, Japan.

④ Others: applicants will receive more information from the department office concerning the examination in applicant's specialized area of study and the date of examinations.

⑤ Announcement of Successful Candidates

Notice of acceptance or denial of applications will be notified by mail and successful applicants' examination numbers will be listed on the website of the Graduate School of Engineering, Nagoya University at noon on September 8, 2023.

## 10. Enrollment Procedures

Successful applicants will be notified of detailed enrollment procedures with the notice of acceptance.

It will be sent by mail by the end of September, 2023.

## 11. Registration and Tuition Fees

(1) Registration Fee: 282,000 yen (estimate)

The fee must be paid during the registration period.

Applicants who will receive a Master's degree in September, 2023 from Nagoya University and proceed to the Doctoral Program or who currently study under a Japanese Government (MEXT) Scholarship do not need to pay this fee.

(2) Tuition: 267,900 yen *per* semester (estimate), 535,800 yen *per* year (estimate). The tuition fees must be paid by bank transfer each semester.

The tuition fees are not required from applicants with a Japanese Government (MEXT) Scholarship.

※Once the Enrollment procedure is completed, the paid entrance fee cannot be refunded.

※In the event of a revision in the tuition fees, the new rate will be applied as effective from the date of revision.

## 12. Additional Information

(1) The doctoral course of the Graduate School of Engineering has established a long-term student system. The long-term student system is a system for students who have time constraints due to employment, etc., and have difficulty completing the course within the standard term of study.

This is a system that allows students to systematically complete a curriculum for a certain period beyond the term of study and obtain a degree.

For details, please refer to the following website and admission procedure notice.

[https:// www.engg.nagoya-u.ac.jp/current/doc/longterm1.pdf](https://www.engg.nagoya-u.ac.jp/current/doc/longterm1.pdf) (only in Japanese)

(2) Persons currently working as full-time employees at a government agency or a company and intending to continue the employment should apply for the Special Admission for Working Applicants.

(3) Applicants with disabilities or other special needs that require reasonable accommodations and adjustments for taking the entrance examination due to their disabilities or other special needs should notify the office indicated in (6) on page 12 by May 24, 2023.

For reasonable accommodations or adjustments while attending Nagoya University, those applicants should notify as well.

(4) If the address, phone number, or e-mail address written on the application form or reply envelope is changed after application, notify the office indicated in (6) on page 12.

(5) For an overview of the Graduate School of Engineering and Department outline and Admission information, refer to the website of the Graduate School of Engineering.

URL <https://www.engg.nagoya-u.ac.jp>

(Department outline) <https://www.engg.nagoya-u.ac.jp/dept/index.html>

(Admission information) <https://www.engg.nagoya-u.ac.jp/prospective/graduate/admission.php>

Check with the office of the department you wish to enter for information on the Department Guide.

(6) Inquiries concerning entrance examinations

Contact: Student Affairs Division (3rd floor of ES building)

Graduate School of Engineering, Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8603

Japan

Tel: +81(0) 52-789-3978 e-mail: [eng-admission@adm.nagoya-u.ac.jp](mailto:eng-admission@adm.nagoya-u.ac.jp)

(7) For inquiries concerning past examinations, contact the office for each department.

Contact Address of Departments

Departments	TEL	FAX	Email	Locati
Molecular and Macromolecular Chemistry	+81(0) 52-789-2660	+81(0) 52-789-3180	<a href="mailto:admission@chembio.nagoya-u.ac.jp">admission@chembio.nagoya-u.ac.jp</a>	School of Eng. Build.1 2F
Materials Chemistry				
Biomolecular Engineering				
Applied Physics	+81(0) 52-789-4469	+81(0) 52-789-3724	<a href="mailto:office@ap.pse.nagoya-u.ac.jp">office@ap.pse.nagoya-u.ac.jp</a>	School of Eng. Build.3 C.2F
Materials Physics	+81(0) 52-789-3562		<a href="mailto:office@mp.pse.nagoya-u.ac.jp">office@mp.pse.nagoya-u.ac.jp</a>	
Materials Design Innovation Engineering	+81(0) 52-789-2761	+81(0) 52-789-3225	<a href="mailto:officemate@material.nagoya-u.ac.jp">officemate@material.nagoya-u.ac.jp</a>	School of Eng. Build.5 2F
Materials Process Engineering				
Chemical Systems Engineering				
Electrical Engineering	+81(0) 52-789-3643	+81(0) 52-789-3134	<a href="mailto:jimu@nuee.nagoya-u.ac.jp">jimu@nuee.nagoya-u.ac.jp</a>	IB Build. N. 1F
Electronics				
Information and Communication Engineering				
Mechanical Systems Engineering	+81(0) 52-789-3301	+81(0) 52-789-3111	<a href="mailto:mae_jimu@mae.nagoya-u.ac.jp">mae_jimu@mae.nagoya-u.ac.jp</a>	School of Eng. Build.2 C.3F
Micro-Nano Mechanical Science and Engineering				
Aerospace Engineering				
Energy Engineering	+81(0) 52-789-3399	+81(0) 52-789-3225	<a href="mailto:qjuken@energy.nagoya-u.ac.jp">qjuken@energy.nagoya-u.ac.jp</a>	School of Eng. Build.5 2F
Applied Energy				
Civil and Environmental Engineering	+81(0) 52-789-3735	+81(0) 52-789-3736	<a href="mailto:jimu@civil.nagoya-u.ac.jp">jimu@civil.nagoya-u.ac.jp</a>	School of Eng. Build.8. N. 1F

(8) Nagoya University has established the “Security Export Control Regulations for Tokai National Higher Education and Research System” in accordance with Japan’s “Foreign Exchange Trade Act”, and rigorously screens potential international students on the basis of these regulations.

In November 2021, in accordance with the clarification of the scope of control for “deemed exports” under the Foreign Exchange and Foreign Trade Act (“FEFTA”), all applicants who are to study at the University will be required to submit a “Declaration of applicable specific categories” based on the “Flowchart for determining applicable specific categories.”

In addition, some students may be required to submit a "pledge" at the time of admission procedures.

Please be aware that 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:

<https://www.aip.nagoya-u.ac.jp/securityexport> (only in Japanese)

### 13. Handling of Personal Information

Personal information such as address, name, date of birth and so forth shall only be used for admission selection, announcement of successful candidates, enrollment procedures and other related purposes. The acquired personal information will be kept appropriately and shall not be used for any other purposes.

## B. Special Admission for Working Applicants

### 1. Eligibility Requirements

The applicant currently working as full-time employees at a government agency or a company and intending to continue the employment must satisfy one of the conditions below.

- (1) Has earned a master's degree or professional degree or expects to have earned such degree by September 30, 2023.
- (2) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023, at a graduate school in a foreign university.
- (3) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by taking correspondence courses in Japan offered by school outside Japan.
- (4) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by completing a course designated by the Minister of Education, Culture, Sports, Science and Technology in an educational institution in Japan recognized as adopting the educational system of a foreign country and having the curriculum of a graduate school in that country.
- (5) Has earned a master's degree or equivalent professional degree, or expects to have earned such degree by September 30, 2023 by graduating from the United Nations University established based on the resolution of the United Nations General Assembly in December 11, 1972 stipulated in the Clause 2, Article 1 of the Act on Special Measures Incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University (Act No. 72 of 1976).
- (6) Has been recognized as having achieved at least the academic equivalence of a Master's degree through an educational program of ① a foreign school, ② educational institutions which have the curriculum of a graduate program, or ③ the United Nations University and passing the equivalent examination and screening process as stipulated in the Clause 2, Article 16 of the Standards for the Establishment of Graduate School (Act No. 28, 1974).
- (7) Meets either of the following criteria for eligibility specified by the Minister of Education, Culture, Sports, Science and Technology:
  - (a) Has or will have carried out research in a university or research institute, etc. for two or more years by September 30, 2023 after graduating from university, and is recognized in this Graduate School on the basis of those research accomplishments as having achieved at least the equivalent academic abilities of someone with a master's degree.
  - (b) Has or will have carried out research in a university or research institute, etc. for two or more years by September 30, 2023 after completing 16 years of course studies overseas, or after completing in Japan 16 years of foreign school course studies by means of correspondence courses conducted by foreign schools, and is recognized by this Graduate School on the basis of those research accomplishments as having achieved at least the equivalent academic abilities of someone with a master's degree.

\*Please refer to "Candidates Applying under Eligibility Requirement (7) on page 20.
- (8) Is aged 24 or above in September 30, 2023 and, through individual admission qualification screening, is recognized by this Graduate School as having achieved at least the equivalent academic abilities of someone with a master's degree.

\*Please refer to "Candidates Applying under Eligibility Requirement (8) on page 21.

### 2. Number of Available Places

Departments	No of Places
Molecular and Macromolecular Chemistry	Limited
Materials Chemistry	Limited
Biomolecular Engineering	Limited
Applied Physics	Limited
Materials Physics	Limited
Materials Design Innovation Engineering	Limited
Materials Process Engineering	Limited
Chemical Systems Engineering	Limited
Electrical Engineering	Limited
Electronics	Limited
Information and Communication Engineering	Limited
Mechanical Systems Engineering	Limited
Micro-Nano Mechanical Science and Engineering	Limited
Aerospace Engineering	Limited
Energy Engineering	Limited
Applied Energy	Limited
Civil and Environmental Engineering	Limited

### 3. Application Registration Period/Examination Fee Payment Period/Application Period

① Web application registration period and Examination fee payment period

Friday, June 23 - 3 p.m., Wednesday, July 12, 2023.

② Application Period (Submit application documents by postal mail)

Send by registered mail within the following application period.

Friday, July 7, Wednesday, July 12, 2023

Applications must be postmarked by the last day of the acceptance period.

If the application documents are mailed from overseas, they must arrive by Wednesday, July 12.

(Postmarks are not considered in this case.)

For the Web applications, please refer to “6. Web Application Flow” on page 6.

For more details on payment of the examination fee, please refer to “7. Payment of examination fee” on page 10.

### 4. Application Procedures

The application procedure will be completed by registering the application and paying the examination fee on the Web application site (refer to page 6) within the period for payment of the examination fee, and submitting the application documents by post within the period for acceptance of the application. Please note that the application procedure is only completed when the application documents arrive at the Graduate School of Engineering.

- The deadline for payment of the examination fee is four days (\*) including the date of application registration, and if a payment is not made within the period, the application registration will be automatically cancelled. In case of cancellation, re-registration is needed.

\*Payment is due within 4 days including the date of application. However, if the Web application deadline falls earlier than that, the payment deadline (3 p.m. Wednesday, July 12) will be the Web application deadline.

- For details, please refer to “7. Payment of examination fee” on page 10.

- Mail the documents ① to ⑬ in “5. Application Package” to Admission Section, Student Affairs Division at Graduate School of Engineering so that they arrive within the application period. It is not allowed to bring application documents directly.

Mail to:

Student Affairs Division (3rd floor of ES building-west)  
Graduate School of Engineering, Nagoya University  
Furo-cho, Chikusa-ku, Nagoya 464-8603  
Japan

#### Notes

(1) Make sure to contact a professor with whom you wish to study under or the office of the department you wish to enroll in before the application.

(2) Print the documents downloadable and the Address Sheet in color after completing the application registration on the Internet. Attach the Address Sheet to a commercially available Kaku 2 (Square-sized Form 2) envelope and send all the necessary documents to the Admission Section, Student Affairs Division of the Graduate School of Engineering by the application deadline.

For details, refer to “STEP 6 (Send Required Documents by Post)” on page 9.

(3) Application documents must be sent from the post office window by simple registered mail. (Do not send from the post box.) In the case of sending from overseas, send in a way that can be tracked, such as EMS / DHL.

(4) Application will not be accepted if the specified documents are not complete.

(5) No amendments and returned of the documents in the application package will be allowed once the package has been received by the Student Affairs Division, regardless of the circumstances.

(6) If, after admission, it is discovered that any of the documents have been falsified or that necessary details or documents have been omitted, the admission will be cancelled, even in the event when the candidate has already been admitted to at the University.

(7) For more information concerning the application, contact the office in 12(6) on page 12.

## 5. Application Package/Documents)

Please download the designated forms excluding the Web applications from the following Graduate School of Engineering website, print it in color on a A4 paper, and fill it out.

(<https://www.engg.nagoya-u.ac.jp/prospective/graduate/admission.php>)

### 【Precautions when filling out application documents】

1. Application documents should be printed on white paper in A4 size without enlarging or shrinking them.
2. When filling out the application form, write letters in block letters, numbers in Arabic numerals, and letters in capital letters, and write clearly and accurately with a black ballpoint pen.
3. If you want to make corrections, please correct with two lines, affix the correction seal (authentic seal), and fill in the margins again. Do not use correction fluid.

	Documents, etc.	Notes
①	Nagoya University Graduate School Application form and Photograph Card	The application form and photograph card must be printed in color on a single-sided sheet of A4 sized paper from the Web application site. The applicant must prepare and upload a portrait photo, that is front facing, includes the upper body, no hats or backgrounds, and has been taken within 3 months of the application.
②	Application Form for Nagoya University Graduate School of Engineering (Admission to Doctoral Program, October 2023 Entrance) (designated form)	Download the designated form from the website of the Graduate School of Engineering and fill it out.
③	Academic transcript for undergraduate and master's programs (original)	<p>Official transcripts (academic records) of both undergraduate and master programs.</p> <p>Applicants who currently enrolled in a regular course at the Graduate School of Engineering, Nagoya University or those who apply under Eligibility Requirement (7) do not need to submit official transcript for the master program.</p> <ul style="list-style-type: none"> <li>- Applicants applying under Eligibility Requirement (8) do not need to submit either of these documents.</li> <li>- International students who are research students of the Undergraduate School of Engineering/ Graduate School of Engineering do not need to resubmit if they have already submitted the original certificate (limited to the paper certificate and probability certificate is not acceptable) at the time of admission to the research student.</li> </ul> <p>Note 1) Be sure to submit the original of the certificate. Data such as photocopies and PDFs cannot be submitted.</p> <p>Note 2) Those who have completed the advanced course of a College of Technology must submit a transcript of the advanced course. However, those who transfer from a College of Technology to a university do not need a transcript of the College of Technology.</p> <p>Note 3) If the name on the certificate differs from the current name due to a name change, etc., please submit a document that proves it.</p> <p>Note 4) Applicants who have graduated from a foreign university must submit a certificate issued by the university or a notary office.</p> <p>Note 5) English or Japanese translation is required if the transcript is not written in either Japanese or English. (If you translate by yourself, please write the date and sign your name on it.)</p>
④	Certificate of completion (or expected completion) of a master's program or professional degree program (original)	<ul style="list-style-type: none"> <li>- Applicants who currently enrolled in a regular course at the Graduate School of Engineering, Nagoya University do not need to submit this document.</li> <li>- Applicants applying under Eligibility Requirement (7) or (8) do not need to submit this document.</li> <li>- International students who are research students of the Undergraduate School of Engineering/ Graduate School of Engineering, Nagoya University do not need to resubmit if they have already submitted the original certificate (limited to the paper certificate and probability certificate is not acceptable) at the time of admission to the research student.</li> </ul>

		<p>Note 1) Be sure to submit the original of the certificate. Data such as photocopies and PDFs cannot be submitted.</p> <p>Note 2) Students who are taking a leave of absence from the Graduate School of Engineering should consult with the Admissions Section of the Student Affairs Division in advance.</p> <p>Note 3) If the name on the certificate differs from the current name due to a name change, etc., please submit a document that proves it.</p> <p>Note 4) Applicants who have graduated from a foreign university must submit a certificate issued by the university or a notary office.</p> <p>Note 5) English or Japanese translation is required if the transcript is not written in either Japanese or English. (If you translate by yourself, please write the date and sign your name on it.)</p>
⑤	Summary of Master's Thesis or Summary of Research Work (designated form)	<p>If the applicant's Master's thesis has not been completed at the time of application, submit a summary of research work undertaken during your master's program instead.</p> <p>Print the designated form from the Graduate School of Engineering website. Summary should be approximately 2,000 characters in Japanese (If using a computer, set a line to be about 40 characters).</p> <p>Applicants applying under Eligibility Requirement (7) or (8) do not need to submit this document.</p>
⑥	Approval for application (designated form)	<p>Needs to be filled in by the head of the institution with which the applicant is affiliated.</p> <p>Print the designated form from the Graduate School of Engineering website.</p>
⑦	TOEFL or TOEIC score sheet (stick to designated form)	<p>Departments utilizing TOEFL/TOEIC scores as (a part of) the language test (English) are as follows. Molecular and Macromolecular Chemistry Dep., Materials Chemistry Dep., Biomolecular Engineering Dep., Applied Physics Dep., Materials Physics Dep., Civil and Environmental Engineering Dep. Those applying for the departments mentioned above should contact a prospective adviser or the office of the department for the inquiry of the documents to be submitted.</p> <p>Use the designated form on the website of the Graduate School of Engineering and paste your TOEFL or TOEIC score sheet on the "TOEFL/TOEIC Score Sheet Submission Form".</p> <p>(Submission of TOEIC Score Sheet) The TOEIC score sheet must be the certificate original (Official Score Certificate) of the TOEIC Listening and Reading Test. However, if the country does not issue an "Official Score Certificate", submission of both the "Official Score Report" and "Certificate of Achievement" will be deemed to have submitted the original. IP: Institutional Program scores will not be accepted. In principle, score sheets without face photos will not be accepted. However, if the country does not issue an "Official Score Certificate", it will be accepted even if the "Official Score Report" does not have a face photo. It is not possible to replace or return a copy of the score sheet once submitted.</p> <p>(Submission of TOEFL Score Sheet) Those submitting the TOEFL Scores should submit both of the ① and ② below. ① "Institutional Score Report" or "Official Score Report" ② "Test Taker (Examinee) Score Report (copy)" mailed to the examinee. Please follow the instructions below when submitting the TOEFL Score.</p> <p>Make arrangements to have the official scores ("Institutional Score Report" or "Official Score Report") sent directly from the testing institution to Nagoya University by the deadline. (Enter the institutional code for Nagoya University D377 and Department code correctly. Specify Department Code as 99 if there is no appropriate code.) After taking the TOEFL test, it takes about 6 to 8 weeks for the "Institutional Score Report" or "Official Score Report" to arrive at the</p>

		designated address. Since the arrival may be delayed, take the TOEFL test with sufficient time. For “Institutional Score Report”, only. “Test Date Scores” is used. (“MyBest™ Scores” is not adopted.) ③ Submit the copy of the “Test Taker (Examinee) Score Report” in application and bring the original during examination period.
⑧	Envelope for notification of acceptance or denial of application (attach designated form)	Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted (available on the Graduate School of Engineering website).  Affix stamps worth 354 yen. Applicants taking the exam while residing overseas do not need to submit this envelope.
⑨	Envelope for notification of enrollment procedures (attach designated form)	Write your name and address (in Japan) on the envelope (Square-sized Form 2) after attaching designated paper to be posted (available on the Graduate School of Engineering website). Applicants taking the exam while residing overseas do not need to submit this envelope.
⑩	Declaration of Applicable Specific Categories (designated form)	Check the “Declaration of applicable specific categories”. Please fill out the form and submit it along with your application documents. Only if you fall under any of the category ① to ③, submit the attached flowchart as well as the notification of receiving a scholarship from an overseas institution.
⑪	(Foreigners only) Copy of both sides of your “Residence Card” or original of your “Copy of Certificate of Residence”	For non-Japanese citizens only. An overseas resident who cannot provide it at the time of application must submit a copy of his/her passport pages with the ID photograph, and submit any of above certificates at the time of enrollment procedure.
⑫	Certificate of Japanese Government Scholarship (original)	Submit only if you currently receive MEXT Scholarship at another university. It must be issued by the university where you are currently enrolled.
⑬	Application Document Checklist (designated form)	Please use the designated form posted on the website of the Graduate School of Engineering, fill in the applicant check box, and submit it.

\*6. – 11. The same as Regular Admission on page to 6-11

## 6. Web Application Flow

## 7. How to pay the examination fee

## 8. Print the Examinee’s Registration Card

## 9. Selection Method

## 10. Enrollment Procedures

## 11. Registration and Tuition Fees

## 12. Additional Information

- (1) The doctoral course of the Graduate School of Engineering has established a long-term student system.  
The long-term student system is a system for students who have time constraints due to employment, etc., and have difficulty completing the course within the standard term of study.  
This is a system that allows students to systematically complete a curriculum for a certain period beyond the term of study and obtain a degree.  
For details, please refer to the following website and admission procedure notice.  
[https:// www.engg.nagoya-u.ac.jp/current/doc/longterm1.pdf](https://www.engg.nagoya-u.ac.jp/current/doc/longterm1.pdf) (only in Japanese)
- (2) Applicants with disabilities or other special needs that require reasonable accommodations and adjustments for taking the entrance examination due to their disabilities or other special needs should notify the office indicated in (5) below by May 24, 2023.

For reasonable accommodations or adjustments while attending Nagoya University, those applicants should notify as well.

- (3) If the address, phone number, or e-mail address written on the application form or reply envelope is changed after application, notify the office indicated in (5) below.
- (4) For an overview of the Graduate School of Engineering and Department outline and Admission information, refer to our website of the Graduate School of Engineering.

URL <https://www.engg.nagoya-u.ac.jp>

(Department outline) <https://www.engg.nagoya-u.ac.jp/dept/index.html>

(Admission information) <https://www.engg.nagoya-u.ac.jp/prospective/graduate/admission.php>

- (5) Inquiries concerning entrance examinations

Contact: Student Affairs Division (3rd floor of ES building)

Graduate School of Engineering, Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8603

Japan

Tel: +81(0) 52-789-3978 e-mail: [eng-admission@adm.nagoya-u.ac.jp](mailto:eng-admission@adm.nagoya-u.ac.jp)

- (6) For inquiries concerning past examinations, contact the office for each department in 12(7) on page 12.

- (7) Nagoya University has established the “Security Export Control Regulations for Tokai National Higher

Education and Research System” in accordance with Japan’s “Foreign Exchange Trade Act”, and rigorously screens potential international students on the basis of these regulations.

In November 2021, in accordance with the clarification of the scope of control for “deemed exports” under the Foreign Exchange and Foreign Trade Act (“FEFTA”), all applicants who are to study at the University will be required to submit a “Declaration of applicable specific categories” based on the “Flowchart for determining applicable specific categories.”

In addition, some students may be required to submit a "pledge" at the time of admission procedures.

Please be aware that 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:

<https://www.aip.nagoya-u.ac.jp/securityexport> (only in Japanese)

## 13. Handling of Personal Information

Personal information such as address, name, date of birth and so forth shall only be used for admission selection, announcement of successful candidates, enrollment procedures and other related purposes. The acquired personal information will be kept appropriately and shall not be used for any other purposes.

## Candidates Applying under Eligibility Requirement (7)

(Applicants Designated by the Ministry of Education, Culture, Sports, Science and Technology)

1) Candidates applying under Eligibility Requirement (7) must meet one of the following conditions:

- (1) The applicant must have graduated from a university, have or will have engaged in research at a university or research institute for more than two years by September 30, 2023, and have published research papers or books, hold patents or have made research presentations to an extent that is recognized as the equivalent of a master's thesis or above.
- (2) The applicant must have completed 16 years of school education overseas or overseas education by correspondence programs, have or will have engaged in research for more than two years by September 30, 2023 in a university or research institute, and have published research papers or books, hold patents or have made research presentations to an extent that is recognized as the equivalent of a master's thesis or above.

2) Preliminary Examination

Candidates applying under the Eligibility Requirement (7) must prepare the following documents and submit them by mail to the Student Affairs Division, Graduate School of Engineering (see Section 12(5) on page 12). The application package must arrive at the office by 16:00 on June 20, 2023. Applications which are mailed should have "Application for Preliminary Examination for DOCTORAL PROGRAM" written in red ink on the envelope and be sent by simple registered express mail.

The preliminary examination will be conducted by the Graduate School of Engineering, and applicants will be notified of the results on June 28, 2023 from university.

- (1) Application for preliminary examination under Eligibility Requirement (7), using the form from Graduate School of Engineering website. This form should be filled in and signed by the applicant.
- (2) University diploma or certificate of graduation (certificate original)
- (3) Certificate of applicant's academic background (using the form from Graduate School of Engineering website\*).  
<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>  
This form must be signed by the head or other appropriate individual of the university or institute where the academic work has been done.
- (4) Letter of reference, using the attached form, from the head or other appropriate individual of the university or institute at which the work has been done
- (5) Applicant's bibliography of research performance (to be written by the applicant on the form from Graduate School of Engineering).
- (6) Summary of research results in essay form, using the form from Graduate School of Engineering website. Essays should be approximately 4,000 Japanese characters or 1,500 words in English.
- (7) Copies of published research papers or books, research presentations, or patents held.

3) Application Package

Applicants who have passed the preliminary examination of the above documents and thus hold the proper eligibility requirements should submit the application package in section 5 during the period mentioned in section 3 on page 2 for Regular Admission and on page 15 for Special Admission for Working Applicants.

## Candidates Applying under Eligibility Requirement (8)

- 1) Candidates applying under Eligibility Requirement (8) must meet both of the following conditions:
  - (1) Persons who will be at least 24 years of age by September 30, 2023 and are recognized by the Graduate School of Engineering through individual screening of eligibility for admission as having scholastic ability equivalent to or higher than that of persons who have a master's degree or a professional degree.
  - (2) Persons who have published research papers or books, hold patents or have made research presentations to an extent that is recognized as the equivalent of a master's thesis or above.

### 2) Individual screening

Candidates applying under the Eligibility Requirement (8) must prepare the following documents and submit them by mail to the Student Affairs Division, Graduate School of Engineering (see Section 12(5) on page 12). The application package must arrive at the office by 16:00 on June 20, 2023. Applications which are mailed should have "Application for Individual Screening for DOCTORAL PROGRAM" written in red ink on the outside of the envelope, and be sent by simple registered express mail. The preliminary examination will be conducted by the Graduate School of Engineering, and applicants will be notified of the results on June 28, 2023 from university.

- (1) Application for individual screening under Eligibility Requirement (8), using the form from Graduate School of Engineering website. This form should be filled in and signed by the applicant.
- (2) Resume using the form from Graduate School of Engineering website\*. This form should be filled in and signed by the applicant.  
\*<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>
- (3) Documents to certify that applicants have scholastic ability equivalent to or higher than that of persons who have a master's degree or a professional degree.
  - (a) Applicants who have graduated or will be graduating from a junior college, technical college, special school or other school:
    - Diploma or certificate of graduation/expected graduation (certificate original), official transcript (academic record) (certificate original) and syllabus.
  - (b) Applicants who have technical /professional career:
    - Certificate of employment, specifying its period and matter of tasks, and report of his/her career achievements prepared by the applicant (certificate original).
  - (c) Applicants with academic work:
    - Certificate of applicant's academic background (using the form from Graduate School of Engineering website\*).  
\*<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>  
This form must be signed by the head or other appropriate individual of the university or institute where the academic work has been done.
- Applicant's bibliography of research performance (to be written by the applicant on the form from Graduate School of Engineering website).
- Summary of research results in essay form, using the form from Graduate School of Engineering website\*.  
\*<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>  
Essays should be approximately 4,000 Japanese characters or 1,500 words in English.
- (4) Copies of published research papers or books, research presentations, or patents held.
- (5) Others: Any materials for screening purpose (e.g.: Letter of recommendation).

### 3) Application Package

Applicants who have passed the preliminary examination of the above documents and thus hold the proper eligibility requirements should submit the application package in section 5 during the period mentioned in section 3 on page 2 for Regular Admission and on page 15 for Special Admission for Working Applicants.

## Nagoya University Graduate School of Engineering Overview for Academic Year 2023

The Graduate Schools aim to contribute to the advancement of culture by delving deeply into education and research in theories and application of academics, as well as to train academic researchers, highly qualified professionals and specialists, and educators.

A master's program and a doctoral program have been established at the Graduate School of Engineering. The standard minimum duration of study for these programs is two years for the master's program and three years for the doctoral program.

In the master's program, we cultivate students' academic knowledge and research skills or the high-level ability necessary for occupations that demand a high level of expertise. In the doctoral program, we cultivate the high-level ability and rich academic knowledge necessary for conducting research activities as an independent researcher.

The main details of each department in the Graduate School of Engineering are as follows:

Departments	Fields	
Molecular and Macromolecular Chemistry	Organic Material Chemistry, Organoelement Chemistry, Organic Reactions, Catalysis in Organic Synthesis, Physical Chemistry of Macromolecules, Organic Chemistry of Macromolecules, Macromolecular Assembly Systems, Supramolecular Polymer Chemistry	
Materials Chemistry	Catalyst Design, Material Design Chemistry, Energy Conversion Chemistry, Inorganic Material Chemistry, Functional Crystalline Chemistry, Porous Materials Chemistry, Functional Materials Engineering, Radiation Chemistry & Biology	
Biomolecular Engineering	Nanobio Analytical Chemistry, Biomolecular Chemistry, Chemical Biotechnology, Supramolecular Biochemistry, Chemical Genetics, Bioprocess Engineering, Environmental Biotechnology	
Applied Physics	Condensed Matter Physics and Engineering, Quantum Materials Physics and Engineering, Optical Physics, Mathematical Engineering, Structural Physics Engineering, Magnetic Materials Engineering, Electron Beam Physics, Biomolecular Physics, Materials Physics in Nanoscale Systems	
Materials Physics	High Pressure Materials Science, Electronic Functional Materials, Nanoelectronic Device Engineering, Quantum Spintronics, Quantum Beam Materials Science, Materials Nanoscience and Design, Rheology Physics, Nanospectroscopic Materials Science, Frontier Computational Material Science, Synchrotron Radiation Applied Materials Science, Quantum Mechanical Computational Materials Research <sup>b</sup>	※
Materials Design Innovation Engineering	Computational Design of Materials Microstructures <sup>a,b</sup> , Computational Materials Science and Mechanics, Structure and Morphology Control Engineering, Nanostructure Analysis and Design, Technology and Application of Synchrotron Radiation, Nano Ionics Design Engineering, Materials Processing Engineering	※
Materials Process Engineering	Process Information Engineering, Chemical Properties Applied Engineering <sup>a</sup> , Transport Phenomena Control Engineering, Crystal Growth Informatics <sup>b</sup> , Multi-Materials Processing <sup>a</sup> , Materials Engineering for Energy and Environment <sup>a</sup> , Process Engineering for Energy Conversion and Catalytic Materials, Engineering for Nano-spintronics and Magnetic Materials	※
Chemical Systems Engineering	Cycle Systems Engineering, Separation and Fusion Systems Engineering, Chemical Energy Systems Engineering, Chemical Reaction Systems Engineering, Organic Photoelectric Materials Chemistry, Interface integration Engineering, Materials Electrochemistry, Reaction and Interface Dynamics, Advanced Materials Design and Synthesis	

Electrical Engineering	Electric energy and storage engineering, Energy control engineering, Electric power apparatus and energy transmission engineering, Energy systems engineering, Electric energy conversion engineering, Power electronics, Plasma energy engineering, Functional and energy materials engineering, Fusion electromagnetic material engineering, Space observation, Space information engineering
Electronics	Plasma electronics, Plasma nano-process science, Advanced process, Intelligent devices, Semiconductor engineering and integration science, Advanced devices, Quantum opto-electronics, Integrated quantum devices and systems, Optical electronics, Semiconductor electronics <sup>b</sup> , Nano-spin devices, Nano-electronic materials, Nano-electron devices <sup>b</sup> , Nano-Bio Sensing
Information and Communication Engineering	Visual information, Information networks, Advanced information environment, Wireless systems, Computer architecture, Intelligent systems, Computational intelligence, Control systems, Communication theory
Mechanical Systems Engineering	Thermal Control Engineering, Energy and Environmental Engineering, Statistical Fluid Engineering, Solid Mechanics, Biomechanics, Computational Mechanics, Mechanical System Dynamics, Vehicle Safety Engineering, Assistive Robotics, Dynamical Systems Control, Biomechanical Control, Mobility System
Micro-Nano Mechanical Science and Engineering	NEMS and Micro-Nano Machining, Advanced Manufacturing Process, Material Characterization and Mechanics, Sensing Engineering, Micro Thermal-Fluids Engineering, Biorobotics and Biomedical Engineering, Intelligent Robotics and Biomechatronics
Aerospace Engineering	Fluid dynamics, Shock wave and space propulsion, Propulsion and energy systems engineering, Structural mechanics, Production engineering, Control systems engineering, Aerospace vehicle dynamics, Advanced composite materials, Machine tool engineering
Energy Engineering	Energy functional materials engineering, Surface and interfacial controlled materials engineering, Nanomaterials sciences, Soft materials sciences, Environmental functional materials engineering, Nano-processes, Applied nuclear physics, Nuclear data measurements, Thermal Fluid Energy Engineering, Nuclear fusion plasma core engineering, Magnetofluid engineering, Large-scale computational simulation
Applied Energy	Fusion plasma science and engineering, Fusion reactor engineering, diagnostics, Nuclear safety engineering, Nuclear reactor physics, Neutron medical applications, Applied micro energy engineering, Isotope sciences, Energy resources recyclings, Energy waste management, Radiation measurement, Radionuclide analysis
Civil and Environmental Engineering	Structural Engineering, Material Engineering, Coastal and Ocean Engineering, Hydraulics, River Engineering, Geotechnical Engineering, Disaster Prevention and Safety Engineering, Geosphere Environmental Engineering, Infrastructure Planning, Infrastructure Design, Infrastructure Maintenance, Land and Infrastructure Design

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※a: Includes the Joint Graduate School Laboratory in collaboration with the National Institute of Advanced Industrial Science and Technology (AIST)

※b: Includes the Joint Graduate School Laboratory in collaboration with the National Institute for Materials Science (NIMS)

In the master's program, students who obtain 30 or more credits from designated courses such as Basic Courses, Specialized Courses and Comprehensive Engineering Courses, write and submit a thesis under the supervision of an advisor, and pass the degree examination will be conferred a Master's Degree in Engineering.

Those who have completed a master's program can advance to or be admitted to the doctoral program after further screening. In the doctoral program, students who obtain the designated credits from Specialized Courses, write and submit a dissertation under the supervision of an advisor, and pass the degree examination will be conferred a Doctoral Degree in Engineering.