

Academic Year 2022

Guidelines for Supplementary Admission to Doctoral  
Program, Graduate School of Engineering  
Nagoya University,  
April 2022 Entrance

(Including Special Admission for Working Applicants)

November 2021

Graduate School of Engineering

**Nagoya University**

(For website)

## Guidelines for Supplementary Admission to Doctoral Program, Graduate School of Engineering, Nagoya University April 2022

### 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 a degree by March 2022.
- (2) Has earned a master's degree or equivalent professional degree, or expects to have earned such a degree by March 2022, in the graduate school of foreign university.
- (3) Has earned a master's degree or equivalent professional degree, or expects to have earned such a degree by March 2022 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 a degree by March 2022 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 a degree by March 2022 by graduating a program of 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 March 2022 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 March 2022 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 11.
- (8) Is aged 24 or above in March 2022 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 12.

## 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 Period

Send by registered mail within the following application acceptance period.

Monday, January 17 – 4 p.m., Thursday, January 20, 2022 (Must Arrive)

## 4. Application Package

Please download the prescribed forms such as the Application form from the following Graduate School of Engineering website, print it in a A4 paper, and fill it out.

	Documents, etc.	Notes
①	Application form, Admission slip for the examination, Photograph form	Print the prescribed forms from the Graduate School of Engineering website and fill in the required items. Affix to the Photograph form a photograph (4×3cm) taken within the last 3 months. Admission slip will be returned or mailed back to those who sent the forms by mail after registration. Admission slip will be sent by mid-February.
②	Official transcript (academic record) from the graduating university (original copy)	Official transcripts (academic records) of both undergraduate and master programs. English or Japanese translation is required if the transcript is written neither in Japanese nor in English. (If you translate by yourself, please write the date and sign your name on it.) Applicants who graduated from the Undergraduate School of Engineering at Nagoya University do not have to submit the official transcript of the undergraduate program. Applicants who received or will receive in March 2022 their master's degree from School of Engineering, Nagoya University or those who apply under Eligibility Requirement (7) do not have to submit the official transcript of the master program. Applicants applying under Eligibility Requirement (8) do not have to submit either of these documents.
③	Certification that the applicant has been (or will be) awarded a master's degree or a professional degree (original copy)	English or Japanese translation is required if the transcript is written neither in Japanese nor in English. (If you translate by yourself, please write the date and sign your name on it.) Applicants who graduated from the undergraduate school of engineering, Nagoya University do not have to submit this document. Applicants applying under Eligibility Requirement (7) or (8) do not have to submit this document.

④	Summary of the applicant's master's thesis or research work	<p>If your 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 prescribed 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 have to submit this document.</p>
⑤	English proficiency test scores	<p><u>Departments utilizing TOEFL/TOEIC scores as (a part of) the language test (English) are as follows.</u>  <u>Molecular and Macromolecular Chemistry Dep., Materials Chemistry Dep., Biomolecular Engineering Dep., Applied Physics Dep., Materials Physics Dep., Materials Design Innovation Engineering Dep., Materials Process Engineering Dep., Chemical Systems Engineering Dep., Civil and Environmental Engineering Dep.</u>  <u>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.</u></p> <p>【Submission of TOEFL Score】 (only if applicable)</p> <p>Those submitting the TOEFL Scores should submit both of the “Institutional Score Report” or “Official Score Report” and “Test Taker (Examinee) Score Report (copy)” mailed to the examinee. Please follow the instructions below.</p> <p>①Make 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 0312 and Department code correctly.) Specify Department Code as 99 if there is nothing the 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>②For “Institutional Score Report”, only “Test Date Scores” is used. (“My Best scores” is not adopted.)</p> <p>③Submit the copy of the “Test Taker (Examinee) Score Report” in application and bring the original to the examination period.</p>
⑥	Application fee 30,000 yen	<p>For the application fee, refer to "How to pay the application fee" on page 4, and pay at a convenience store or credit card. After receiving at the convenience store or paying by credit card, attach the "Certificate of Storage" printed by yourself to the designated space below the Admission Slip and Photograph card.</p> <p>However, applicants from overseas should check with Student Affairs Division at Graduate School of Engineering before paying the application fee.</p> <p>Applicants who will receive a Master's degree in March 2022 from Nagoya University and proceed to the Doctoral Program or those who currently study under a Japanese Government (MEXT) Scholarship do not need to pay this fee.</p> <p>Applicants studying under a Japanese Government (MEXT) Scholarship in the other universities than Nagoya University must provide a certificate proving such status.</p>
⑦	Envelope to return the Admission slip for the examination	<p>Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted on the Graduate School of Engineering website, and affix a 84 yen stamp</p>
⑧	Envelope for announcement of results	<p>Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted on the Graduate School of Engineering website,</p>
⑨	Envelope for documents of enrollment procedures	<p>Write your name and address (in Japan) on the envelope (Square-sized Form 2) after attaching designated paper to be posted on the Graduate School of Engineering website.</p>

⑩	Resident certificate (juminhyo) (including resident status and period of stay) (original copy) or both sides of copies of Residence Card	Non-Japanese citizen, 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.
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## 5. Application Procedures

Applicants must prepare the application package (documents) listed above and applications must be sent by registered mail and must arrive by 16:00 on January 20, 2022. (Submission method is limited to mail and those submitted after the deadline of application are not accepted.)

Applicants from overseas should contact the Student Affairs Division, Graduate School of Engineering in advance before the application period.

Mail to:

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

Note

- (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) Application will not be accepted if the specified documents are not complete.
- (3) No amendments and returned to the documents in the application package will be allowed once the package has been received by the Student Affairs Division, regardless of circumstances.
- (4) 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 that the candidate has already been admitted to the University.
- (5) For more information concerning the application, contact the office in 11(5) on page 6.

## 6. How to pay the application fee (No payment is required in case specified in p.3⑥)

- (1) Application Fee 30,000 yen

Additional transfer fee will be required.

Paying at Convenience Store: 616 yen , Paying by Credit Card: 840 yen

- (2) Payment Period (Japan Time)

It is possible to pay the application fee regardless of the application period, but make the payment after fully confirming the application period described on page 2.

Please note that the certificate of receipt of the Application fee must be attached to the application documents and mailed within the application period written in 3.

- (3) Payment method

Payment of the Application fee should be made by one of the following methods.

- A At Convenience Store (Only in Japan)
- B Credit Card

- (4) Refund of Application fee

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

However, in the following cases, the paid application fee will be refunded.

- A If you do not apply or your application is not accepted after paying the application fee
- B If you pay the application fee twice

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

Check the Nagoya University website for how to request a refund

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

## 7. Selection Method

- (1) Date and Location: During the month of February, 2022

Graduate School of Engineering Nagoya University, Furo-cho, Chikusa-ku, Nagoya

- (2) Method: Both Written and Oral or either

Written examination: Language test (English), examination for fundamental knowledge, and in the specialized area.

- (3) Language test (English)

- 1) The use of dictionary is not permitted

2) Those applying for the department utilizing the TOEFL/TOEIC scores as (a part of) the entrance examination should contact a prospective professor or the office of the department for the details about the examination.

(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.

## 8. 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 March 10, 2022.

## 9. Enrollment Procedures

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

It will be mailed by March 18 2022 (tentative)

## 10. Registration and Tuition Fees

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

The fee must be paid during the registration period.

Applicants who will receive a Master's degree in March 2021 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 per semester (estimate), ¥535,800 per year (estimate)

Tuition must be paid by bank transfer each semester.

The tuition fee are withdrawn from bank account.

These registration and 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.

## 11. Additional Information

(1) 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.

(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 11(5) on page 6 by December 17, 2021.

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

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

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

Departments	TEL	FAX	Email	Location
Molecular and Macromolecular Chemistry	052-789-2660	052-789-3180	jimmu@chembio.nagoya-u.ac.jp	School of Eng. Build.1 2F
Materials Chemistry				
Biomolecular Engineering				
Applied Physics	052-789-4469	052-789-3724	office@ap.pse.nagoya-u.ac.jp	School of Eng. Build.3 C.2F
Materials Physics			office@mp.pse.nagoya-u.ac.jp	
Materials Design Innovation Engineering	052-789-2761	052-789-3225	officemate@material.nagoya-u.ac.jp	School of Eng. Build.5 2F
Materials Process Engineering				
Chemical Systems Engineering				

Electrical Engineering	052-789-3643	052-789-3134	jimu@nuee.nagoya-u.ac.jp	IB Build. N. 1F
Electronics				
Information and Communication Engineering				
Mechanical Systems Engineering	052-789-3301	052-789-3111	mae_jimu@mae.nagoya-u.ac.jp	School of Eng. Build.2 C.3F
Micro-Nano Mechanical Science and Engineering				
Aerospace Engineering				
Energy Engineering	052-789-3399	052-789-3225	qjuken@energy.nagoya-u.ac.jp	School of Eng. Build.5 2F
Applied Energy				
Civil and Environmental Engineering	052-789-3735	052-789-3736	jimu@civil.nagoya-u.ac.jp	School of Eng. Build.8.N. 1F

#### Contact Address of Departments

(5) Inquiries concerning entrance examination

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

Graduate School of Engineering Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8603 Tel: 052- 789-3978 • 3974 (direct dial)

Email : eng-admission@adm.nagoya-u.ac.jp

(6) The examination schedule and selection measures may be modified in the event of an outbreak of infectious disease or other unforeseen circumstances. Please check the website regularly for the latest notices, especially in the days preceding the application and examination periods.

Website of the Graduate School of Engineering

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

(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.

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

Details can be obtained from the following website:

<http://www.aip.nagoya-u.ac.jp/graduate/security/10> (only in Japanese)

## 12. 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 a degree by March 2022.
- (2) Has earned a master's degree or equivalent professional degree, or expects to have earned such a degree by March 2022, in the graduate school of foreign university.
- (3) Has earned a master's degree or equivalent professional degree, or expects to have earned such a degree by March 2022 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 a degree by March 2022 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 a degree by March 2022 by graduating a program of 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 March 2022 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 March 2022 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 11.
- (8) Is aged 24 or above in March 2022 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 12.



## 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 Period

Send by registered mail within the following application acceptance period.

Monday, January 17 – 4 p.m., Thursday January 20, 2022 (must arrive)

## 4. Application Package

Please download the prescribed forms such as the Application form from the following Graduate School of Engineering website, print it in a A4 paper, and fill it out.

	Documents, etc.	Notes
①	Application form, Admission slip for the examination, Photograph form	Print the prescribed forms from the Graduate School of Engineering website and fill in the required items.  Affix to the Photograph from a photograph (4×3cm) taken within the last 3 months. Admission slip will be returned or mailed back to those who sent the forms by mail after registration. Admission slip will be sent by mid-February.
②	Official transcript (academic record) from the graduating university (original copy)	Official transcripts (academic records) of both undergraduate and master programs. English or Japanese translation is required if the transcript is written neither in Japanese nor in English. (If you translate by yourself, please write the date and sign your name on it.) Applicants who graduated from the undergraduate school of engineering, Nagoya University do not have to submit the one of the undergraduate program. Applicants who received or will receive in March 2022 their master's degree from School of Engineering, Nagoya University or those who apply under Eligibility Requirement (7) do not have to submit the one of the master program. Applicants applying under Eligibility Requirement (8) do not have to submit either of these documents.
③	Certification that the applicant has been (or will be) awarded a master's degree or a professional degree (original copy)	English or Japanese translation is required if the transcript is written neither in Japanese nor in English. (If you translate by yourself, please write the date and sign your name on it.) Applicants who graduated from the undergraduate school of engineering, Nagoya University do not have to submit this document. Applicants applying under Eligibility Requirement (7) or (8) do not have to submit this document.
④	Summary of the applicant's master's thesis or research work	If your master's thesis has not been completed at the time of application, submit a summary of research work undertaken during his or her master's program instead. Print the prescribed 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). Applicants applying under Eligibility Requirement (7) or (8) do not have to submit this document.
⑤	Approval for applying for admission	Needs to be filled in by the head of the institution with which the applicant is affiliated. Print the prescribed form from the Graduate School of Engineering website.
⑥	Research proposal	Applicants working at a government agency, only. Print the prescribed form from the Graduate School of Engineering website.
⑦	Approval for dedication to studies upon entry from the head of the belonging institution(original copy)	Applicants working at a government agency, only. No prescribed form.
⑧	English proficiency test scores	<u>Departments utilizing TOEFL/TOEIC scores as (a part of) the language test (English) are as follows.</u> <u>Molecular and Macromolecular Chemistry Dep., Materials Chemistry Dep., Biomolecular Engineering Dep., Applied Physics Dep., Materials Physics Dep., Materials Design Innovation Engineering Dep., Materials Process Engineering Dep., Chemical Systems Engineering Dep., Civil and Environmental Engineering Dep.</u> <u>Those applying for the departments mentioned above should contact a prospective adviser or the office of the department for the inquiry about the documents to be submitted.</u> (Submission of TOEFL Score) (only if applicable) Those submitting the TOEFL Scores should submit both of the “Institutional Score Report” or “Official Score Report” and “Test Taker (Examinee) Score Report(copy)” mailed to the examinee. Please follow the instructions below. ①Make 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 0312 and Department code correctly.) Specify Department Code as 99 if there is nothing the 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. ②For “Institutional Score Report”, only “Test Date Scores” is used. (“My Best scores” is not adopted.) ③Submit the copy of the “Test Taker (Examinee) Score Report” in application and bring the original during examination period.
⑨	Application fee 30,000 yen	For the application fee, refer to "How to pay the application fee" on page 4, and pay at a convenience store or credit card. After receiving at the convenience store or paying by credit card, attach the "Certificate of Storage" printed by yourself to the designated space below the Admission Slip and Photograph card. However, applicants from overseas should check with Student Affairs Division at Graduate School of Engineering before paying the application fee.
⑩	Envelope to return Admission slip for the examination	Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted on the Graduate School of Engineering website, and affix 84 yen stamp
⑪	Envelope for announcement of results	Write your name and address (in Japan) on the envelope (Long-sized Form 3) after attaching designated paper to be posted on the Graduate School of Engineering website,
⑫	Envelope for documents of enrollment procedure	Write your name and address (in Japan) on the envelope enclosed in the booklet (Square-sized Form 2) after attaching designated paper to be posted on the Graduate School of Engineering website.
⑬	Resident certificate (juminhyo) (including resident status and period of stay) (original copy) or both sides of copies of Residence Card	Non-Japanese citizen, only. An oversea 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.

5. – 10. The same as Regular Admission on pages 4 to 5

5. Application Procedures

6. How to pay the application fee

7. Selection Method

8. Announcement of Successful Candidates

9. Enrollment Procedures

10. Registration and Tuition Fees

11. Additional Information

(1) 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 (4) below by December 17, 2021.

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

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

(3) For inquiries concerning past examinations, contact the office for each department in 11(4) on page 5.

(4) Inquiries concerning entrance examination

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

Graduate School of Engineering Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8603 Tel: 052- 789-3978 ・ 3974 (direct dial)

Email : [eng-admission@adm.nagoya-u.ac.jp](mailto:eng-admission@adm.nagoya-u.ac.jp)

(5) The examination schedule and selection measures may be modified in the event of an outbreak of infectious disease or other unforeseen circumstances. Please check the website regularly for the latest notices, especially in the days preceding the application and examination periods.

Website of the Graduate School of Engineering

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

(6) 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.

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

Details can be obtained from the following website:

<http://www.aip.nagoya-u.ac.jp/graduate/security/10> (only in Japanese)

12. 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 March 31 2022, 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 March 31, 2022 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 either in person or by mail to the Student Affairs Division, Graduate School of Engineering (see Section 11(5) on page 6). The application package must arrive at the office by 16:00 on January 6, 2022. Applications which are mailed should have "Application for Preliminary Examination for DOCTORAL PROGRAM" written in red ink on the outside of the envelope, and be sent by registered mail.

The preliminary examination will be conducted by the Graduate School of Engineering, and applicants will be notified of the results on January 13, 2022.

- (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 (original copy)
- (3) Certificate of applicant's academic background (using the form from Graduate School of Engineering website). 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 website).
- (6) Summary of research results in essay form, using the form from Graduate School of Engineering website. Essays should be approximately 4,000 characters in Japanese 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 4 during the period mentioned in section 3 on page 2 for Regular Admission and on page 8 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 March 31, 2022 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 either in person or by mail to the Student Affairs Division, Graduate School of Engineering (see Section 11(5) on page 6). The application package must arrive at the office by 16:00 on January 6, 2022. 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 registered mail.

The individual screening will be conducted by the Graduate School of Engineering, and applicants will be notified of the results on January 13, 2022.

- (1) Application for individual screening by 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.
- (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 (original copy), Official transcript (academic record) (original copy) 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 (original copy) .
  - (c) Applicants with academic work:
    - Certificate of applicant's academic background (using the form from Graduate School of Engineering website). 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. Essays should be approximately 4,000 characters in Japanese or 1,500 words in English.
- (4) Copies of published research papers or books, research presentations, or patents held.
- (5) Others : Any material for screening purpose (e.g.: Letter of recommendation)

### 3) Application Package

Applicants who have passed the individual screening of the above documents and thus hold the proper eligibility requirements should submit the application package in section 4 during the period mentioned in section 3 on page 2 for Regular Admission and on page 8 for Special Admission for Working Applicants.

## Nagoya University Graduate School of Engineering Overview for Academic Year 2022

The Graduate School aims 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, Spintronic Materials and Nanodevice Engineering, Quantum Beam Materials Science, Materials Nanoscience and Design Rheology Physics, Nanospectroscopic Materials Science, Frontier Computational Material Science, Synchrotron Radiation Applied Materials Science, Computational and Theoretical Nanoscience <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, Environmental Materials Engineering, 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>
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, Energy environmental safety engineering, Radiation measurements, Radionuclides analyses
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 an 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.