

PROSPECTUS FOR INTERNATIONAL GRADUATE PROGRAM 2024
NAGOYA INSTITUTE OF TECHNOLOGY

1. General Information

Nagoya Institute of Technology (hereinafter referred to as NITech) provides International Graduate Programs for studying advanced theories and technologies in the Life Science and Applied Chemistry, and the Architecture, Design, Civil Engineering and Industrial Management Engineering. The lectures and seminars in these programs are generally given in English, so that qualified applicants are accepted even with little or no Japanese literacy. The applicants are not required to go to the preparatory Japanese classes, unlike the conventional graduate programs. However, the accepted students are strongly recommended to study Japanese during their postgraduate studies, since Japanese is essential for daily life in Japan and for finding employment in Japan after completion of their postgraduate studies. NITech provides Japanese language classes, in addition to the respective specialized courses.

2. Programs (Master's Degree) and Fields (Doctoral Degree)

The NITech International Graduate Programs include the Master's Degree Program in the Life Science and Applied Chemistry Program, and the Architecture, Civil Engineering and Industrial Management Engineering Program and the Doctoral Degree Program in the Department of Engineering, especially following two fields; Life Science and Applied Chemistry, and the Architecture, Civil Engineering and Industrial Management Engineering.

The applicants are requested to choose either of the programs or fields according to the application procedure. The lectures, seminars, and individual advice are generally given in English, though some may be given in Japanese with the advancement of the student's Japanese competence.

(1) Master's Degree Program

The Master's Degree Program is provided for the two programs and gives lectures and seminars on advanced theories and technologies in the respective fields. The student must submit a master's degree thesis and pass the final examination for obtaining a master's degree in his/her selected field. For evaluating the student's competency in the field, the presentation of his/her research in an international conference is recommended.

1) Life Science and Applied Chemistry Program

The student selects one of the three fields: Life and Materials Chemistry, Soft Materials, and Advanced Ceramics. The prospective advisers in the respective fields are shown in Table 1-1.

2) Architecture, Civil Engineering and Industrial Management Engineering Program

The student selects one of the three fields: Architecture and Design, Civil and Environmental Engineering and Systems Management and Engineering. The prospective advisers in the respective fields are shown in Table 2-1.

(2) Doctoral Degree Program

The Doctoral Degree Program is provided for the two fields and gives specialized advice for the student's progress and training by a advisor and an advisory group in each field. The doctoral degree is offered based on the student's doctoral thesis and the result of a final examination. In order to acquire the expertise and the comprehensive insight, the internship in some enterprise or academic organization is recommended in this program. It is necessary to earn 10 credits.

Further details will be mailed out to successful candidates.

1) Life Science and Applied Chemistry

The student has research training for advanced theories and technologies in one specialized field selected among Life and Materials Chemistry, Soft Materials, and Advanced Ceramics. The research specifically focuses on development of new materials with superior functions, properties, and characteristics in a wide range of chemical fields. The prospective advisors are shown in Table 1-2.

2) Architecture, Civil Engineering and Industrial Management Engineering

The student has research training for advanced theories and technologies in one specialized field selected among Architecture and Design, Civil and Environmental Engineering and Systems management and Engineering. The main objective of research is to attain the human-friendly and environment-friendly social spaces and infrastructures by the technologies related to architecture, civil engineering and industrial management. The prospective advisors are shown in Table 2-2.

3. Scholarship

Applicants with excellent academic records are entitled to apply for the Nagoya Institute of Technology (NITech) Scholarship Foundation. The detail will be mailed out separately to the applicants.

4. Qualifications

(1) The applicant for the Master's Degree Program must satisfy one of the following qualifications:

- 1) graduated a university or a college;
- 2) completed 16 years of school education abroad;
- 3) completed 16 years of school education in an international school or equivalent educational institution in Japan;
- 4) the applicant who has not satisfied any of the above three qualifications but has submitted academic papers and documents must fulfill the following condition and is to be deemed by the graduate school of engineering in NITech to possess the academic ability at least equivalent to the university graduate in Japan:
 - i) be 22 years old or older as of September 30, 2024

Note: The applicant who is under category 4) is required to contact the International Affairs Division in NITech before submitting an application.

(2) The applicant for the Doctoral Degree Program must satisfy one of the following qualifications:

- 1) obtained a master's degree from a university or a college in Japan or abroad;
- 2) obtained a degree equivalent to a master's degree from a university or a college in Japan or abroad;
- 3) obtained a degree equivalent to a master's degree from an international school or educational institution in Japan.

5. Preliminary Consultation for Applicants with Disabilities or Other

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

You should inform the International Affairs Division of the content of your requirements by e-mail. Please refer to section "11. Contact Address."

6. Application

A. Preliminary Selection (Documentary Examination)

The applicant is obliged first to contact a prospective adviser and obtain the approval on his/her study in master's degree program or the doctoral degree program.

After the approval of the prospective advisor, the applicant is required to submit the following documents to the International Affairs Division in NITech (the postal address is given in Article 11) by December 8, 2023.

- (1) Application form with attachment of two photos taken within the past 6 months (6 cm×4 cm) to ANNEX I and ANNEX II
- (2) Certificate of citizenship
- (3) Official transcript of academic record
- (4) Official transcript of graduation certificate
- (5) Recommendation letter from the head of the department of applicant's home institution.
Please use the recommendation form attached to the application form.
- (6) English Proficiency Test Score Report (such as TOEFL, TOEIC or IELTS.)
To be valid, your score sheet must be dated within two years prior to the application period.
- (7) Summary of thesis for Master's Course Program, or Master's thesis for Doctoral Course Program.
- (8) Copy of passport with the name and photo
- (9) Declaration of Applicable Specific Categories

The applicant will be notified of the result of the preliminary selection by e-mail on January 12, 2024. In the event of failed reception of the notification e-mail by the expected date, please contact the International Affairs Division in NITech (the postal address is given in Article 11) immediately.

B. Final Selection

The applicant from one of the universities in the international academic exchange agreements with NITech (Beijing University of Chemical Technology and Tongji University) has an interview by the representative of the advisors from NITech. Otherwise the applicant to master's or doctoral degree program is subject to a final examination on January 24, 2024.

- (1) Life Science and Applied Chemistry
Oral examination and interview (i.e., graduation thesis)
- (2) Architecture, Civil Engineering and Industrial Management Engineering
Oral Examination

7. Notification of Admission

NITech will notify the applicant of the result of admission by e-mail by February 9, 2024. In the event of failing to receive the notification e-mail by the expected date, please contact the International Affairs Division in NITech (the postal address is given in Article 11) immediately.

8. Examination Fee, Admission Fee, and Tuition Fee

(1) Examination Fee: 30,000 (JPY)

(2) Admission Fee: 282,000 (JPY)

(3) Tuition Fee: 535,800 (JPY)

※ The admission and tuition fees are subject to change.

※ Students from the universities in the international academic exchange agreements with NITech (Life Science and Applied Chemistry of Beijing University of Chemical Technology, and Architecture and Design or Civil and Environmental Engineering of Tonji University) will be exempted from the examination, admission and tuition fees.

9. Accommodation

NITech has accommodations for overseas students.

10. Security Export Control

Nagoya Institute of Technology has established the “Nagoya Institute of Technology Security Export Control regulations” in accordance with the “Foreign Exchange and Foreign Trade Act”, and rigorously screens potential international students on the basis of these regulations.

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 Nagoya Institute of Technology 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 have their education or research activities restricted.

[Reference]

Ministry of Economy, Trade and Industry “Security Export Control”

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

“Nagoya Institute of Technology Security Export Control regulations”

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

11. Contact Address

International Affairs Division

Nagoya Institute of Technology

Gokiso, Showa, Nagoya, Aichi 466-8555, Japan

Tel: +81-52-735-5079

E-mail: international@adm.nitech.ac.jp

Table 1-1 : Advisors in the Program

Graduate School of Engineering, **Master's Degree Program**,
 Department of Engineering, **Life Science and Applied Chemistry Program**

(subject to change)

Life and Materials Chemistry		
Professor	Associate Professor	Assistant Professor
AOKI Atsushi	ISHII Yosuke	IIGUNI Yoshinori
ITOH Hiroshi	INOMATA Tomohiko	KONDO Masaharu
IWATA Shuichi	KATAYAMA Kota	FURUKAWA Haruki
OHKITA Masakazu	SUMII Yuji	
OZAWA Tomohiro	SONOYAMA Noriyuki	
KATO Yoshihito	NAGUMO Ryo	
KAWASAKI Shinji	HANAI Yoshiteru	
KITAGAWA Shinya	HIRASHITA Tsunehisa	
SHIBATA Norio	HIROTA Yuichiro	
TAKADA Kazutake	FURUTANI Yuji	
DEWA Takehisa	MIZUNO Toshihisa	
NAKAMURA Shuichi	MIYAGAWA Atsushi	
YAMAMURA Hatsuo	YAGYU Takeyoshi	
	YASUI Takashi	
	YAMAMOTO Yasushi	

Soft Materials		
Professor	Associate Professor	Assistant Professor
INAI Yoshihito	ISHII Daisuke	
INOMATA Katsuhiko	OKAMOTO Shigeru	
TAKASU Akinori	SAKO Katsuya	
TSUKIJI Shinya	SHIOTSUKA Michito	
NAGATA Kenji	SUGIMOTO Hideki	
HIGUCHI Masahiro	TAKAGI Koji	
	NOBUKAWA Shogo	
	MATSUOKA Shinichi	
	YAMAMOTO Katsuhiko	
	YOSHIZATO Hideo	
	YOSHIMIZU Hiroaki	

Advanced Ceramics		
Professor	Associate Professor	Assistant Professor
ADACHI Nobuyasu	ASAKA Toru	
IDA Takashi	OBATA Akiko	
IWAMOTO Yuji	SHIRAI Takashi	
KAKIMOTO Kenichi	DAIKO Yusuke	
KAGOMIYA Isao		
SHIN Woosuck		
NAKAYAMA Masanobu		
HASHIMOTO Shinobu		
HANEDA Masaaki		
HAYAKAWA Tomokatsu		
HYUGA Hideki		
FUKUDA Koichiro		
FUJI Masayoshi		
FUDOZI Hiroshi		
MAEDA Hirotaka		

Table 1-2 : Advisors in the Program

Graduate School of Engineering, **Doctoral Degree Program**,
Department of Engineering, **Life Science and Applied Chemistry**

(subject to change)

Professor	Associate Professor	Assistant Professor
AOKI Atsushi	ISHII Yosuke	
ITOH Hiroshi	INOMATA Tomohiko	
IWATA Shuichi	ONO Katsuhiko	
OHKITA Masakazu	SONOYAMA Noriyuki	
KATO Yoshihito	NAGUMO Ryo	
KITAGAWA Shinya	HIRASHITA Tsunehisa	
KAWASAKI Shinji	HIROTA Yuichiro	
TAKADA Kazutake	FURUTANI Yuji	
NAKAMURA Shuichi	MIYAGAWA Atsushi	
	YAMAMOTO Yasushi	

Professor	Associate Professor	Assistant Professor
INAI Yoshihito	ISHII Daisuke	
INOMATA Katsuhiko	OKAMOTO Shigeru	
TAKASU Akinori	SUGIMOTO Hideki	
NAGATA Kenji	TAKAGI Koji	
	NOBUKAWA Shogo	
	MATSUOKA Shinichi	
	YAMAMOTO Katsuhiko	
	YOSHIZATO Hideo	
	YOSHIMIZU Hiroaki	

Professor	Associate Professor	Assistant Professor
ADACHI Nobuyasu	ASAKA Toru	
KAGOMIYA Isao	OBATA Akiko	
SHIN Woosuck	SHIRAI Takashi	
NAKAYAMA Masanobu	DAIKO Yusuke	
KAKIMOTO Kenichi		
HASHIMOTO Shinobu		
HYUGA Hideki		
FUJI Masayoshi		
FUDOZI Hiroshi		
HANEDA Masaaki		
MAEDA Hirotaka		
HAYAKAWA Tomokatsu		

Table 2-1 : Advisors in the Program

Graduate School of Engineering, **Master's Degree Program**, Department of Engineering,
Architecture, Civil Engineering and Industrial Management Engineering Program
 (subject to change)

Architecture and Design		
Professor	Associate Professor	Assistant Professor
ISHIKAWA Yuka	ITO Takanori	
ISHIMATSU Takeyoshi	ITO Yosuke	
KAMO Kiwako	UMEMURA Hisashi	
KITAGAWA Keisuke	KOMATSU Yoshinori	
KUSUHARA Fumio	SUDO Mine	
SATO Atsushi	NATSUME Yoshinori	
	HAMADA Shinichi	

Civil and Environmental Engineering		
Professor	Associate Professor	Assistant Professor
UEHARA Naoto	IWAMOTO Masami	
KAYABA Yuichi	KYOKAWA Hiroyuki	
KITANO Toshikazu	SHO Kenjiro	
SUZUKI Koji	NAGATA Kazutoshi	
HIDESHIMA Eizo	YOSHIDA Naoko	
FUJITA Motohiro	YOSHIDA Ryo	
FUJIMOTO Tsumoru		
MAEDA Kenichi		
MASUDA Michiko		

Systems Management and Engineering		
Professor	Associate Professor	Assistant Professor
ARAKAWA Masahiro	KAWAMURA Hironobu	
IMURA Naoe	KANDA Koji	
SUMI Katsunori	KOJIMA Mitsutoshi	
NAKADE Koichi	SUN Jing	
YOKOYAMA Junichi	HAMAGUCHI Takashi	
WATANABE Kenji		

Table 2-2: Advisors in the ProgramGraduate School of Engineering, **Doctoral Degree Program**, Department of Engineering,
Architecture, Civil Engineering and Industrial Management Engineering

(subject to change)

Professor	Associate Professor	Assistant Professor
ISHIKAWA Yuka	ITO Takanori	
ISHIMATSU Takeyoshi	ITO Yosuke	
KITAGAWA Keisuke	KOMATSU Yoshinori	
KUSUHARA Fumio	SUDO Mine	
SATO Atsushi	NATSUME Yoshinori	

Professor	Associate Professor	Assistant Professor
UEHARA Naoto	KYOKAWA Hiroyuki	
KAYABA Yuichi	NAGATA Kazutoshi	
KITANO Toshikazu	YOSHIDA Naoko	
HIDESHIMA Eizo		
SUZUKI Koji		
FUJITA Motohiro		
FUJIMOTO Tsumoru		
MAEDA Kenichi		
MASUDA Michiko		

Professor	Associate Professor	Assistant Professor
ARAKAWA Masahiro	KAWAMURA Hironobu	
IMURA Naoe	SUN Jing	
SUMI Katsunori		
NAKADE Koichi		
YOKOYAMA Junichi		