

International Program to Conjoin Brain Science and Society

Japan Government (MEXT) Scholarship Special Program for 2022

Application Guide for Admission Internal Selection for Applicants from Nagoya City University

Enrollment October 2025

Nagoya City University

Course Summary

This course is a joint education program in which five graduate schools of NCU (Medical Sciences / Pharmaceutical Sciences / Design and Architecture / Nursing / Science) work together to accept international students mainly from developing countries and educate them with Japanese students. Through this program, students will have a comprehensive perspective on brain science and society, and aim to become highly specialized human resources who can take on the challenge of solving social issues based on the principles of the SDGs. The ultimate goal of this course is to systematically and internationally study the brain and mind, including medical and pharmaceutical sciences, and to acquire the ability to put it into practice in society.

Course Requirements

■Common Subjects (9 credits)

1. Program participants enrolled in a two-year master's program or a three-year doctoral program complete common subjects consisting of lectures, seminars, and group work to obtain a degree.

1) Lecture (6 credits)

Must earn 6 credits including 2 required credits

2) Exercise (2 credits)

Internship (1 credit): Through an internship at an off-campus institution, students will acquire skills to solve problems of the brain and mind in society.

Global Presentation (1 credit): Strengthen oral communication skills through presentations at international conferences related to your research theme.

3) Group work (1 credit)

From the second half of the first year to the first half of the second year, students find ways to solve problems through group activities in small groups of international students and Japanese.

2. Research plan

A research plan is drawn up every year, and an oral presentation is held at the end of the second year.

3. Program participants from doctoral course

Students from the doctoral program can transfer 3 credits earned in connection with the master's program to the doctoral program.

4. Re-entry into the program in the doctoral course

Internships (1 credit) and Global Presentations (1 credit) are common courses for those who re-enter the program in the doctoral course from the master's course.

- **Students in this program must meet the requirements of both the graduate major and the program at the same time.**
- **4. Re-entry into the program in the doctoral course is only permitted for those enrolled in the 2023 academic year and who have completed the master's program within the standard period. Admission to the doctoral program is granted through the normal admission procedures**

As specified below, Nagoya City University seeks students wishing to enroll in the “International Program to Conjoin Brain Science and Society” in October 2025.

1. Number of students to be admitted

Course	Graduate School	Number of Students
2-year master’s course	Medical Sciences / Pharmaceutical Sciences / Design and Architecture / Science	Limited
3 -year doctoral course	Pharmaceutical Sciences / Design and Architecture / Nursing /Science	Limited

2. Eligibility for application

Eligibility for applicants should be the person who has passed the entrance exam and has been admitted to the Nagoya City University Graduate School in April, 2025 or who intends to enter in October, 2025.

3. Application Procedure

All applicants must consult the prospective supervisor to discuss whether your research activity is appropriate for

- 1) Application period: **Wednesday, 2 July – Wednesday 27 August, 2025**
- 2) Application documents

Application Form	Use the prescribed form. * see Note 1
Research Plan	Use the prescribed form. * see Note 1 *Approximately two pages in A4 sheet *Tables and figures can be inserted
Score of English Proficiency Exam, etc.	Submit documents certifying your English proficiency, such as actual score results from English proficiency tests taken since April 2023. Scores from one of the following tests are recommended (Applicants can submit more than one score). TOEIC Open Exam, TOEIC-IP (including College TOEIC),TOEFL-PBT, TOEFL-iBT Documents must be issued by a public organization that administers English proficiency tests. * see Note 2 <u>*If you cannot submit any results of English proficiency, the document prepared by your supervisor to prove that you have sufficient English level would be acceptable.</u>
Photocopy of Acceptance letter	Submit a photocopy of the Nagoya City University Graduate school acceptance letter. *Applicants who are unable to submit the acceptance by the end of the application period must contact the admission office on ‘6. Inquiries and Submission’.

(Note 1) Prescribed form can be downloaded from the website below.

URL: <https://www.nagoya-cu.ac.jp/english/study/information/mext/>

(Note 2) When submitting TOEIC Listening & Reading Open Exam results, you can submit a digital official certificate instead of the conventional official certificate. The digital public certificate form must be submitted with the URL code written on the back.

(Note 3) No application fee will be charged.

3) Submission of application documents

(a) How to submit

During the application period, submit the application documents in person or by post (use registered post or any other method that retained a delivery record), as a general rule. If you submit your application documents by post, write in red “Enclosed application for the International Program to Conjoin Brain Science and Society” on the envelop.

Your application will not be accepted if your application documents do not reach us by the deadline or if your application documents are incorrect.

(b) Where to submit

Submit application documents to Admission office on ‘6. Inquiries and Submission’.

4) Others

(a) The application documents cannot be amended after submission.

(b) Application documents will not be returned.

Treatment of your personal information

NCU treats your personal information in accordance with the Act on the Protection of Personal Information of Nagoya City.

(1) Use of your personal information

- a. Your name, address and other personal information given in application documents, etc. are used for our operations of selection for admission (e.g., application registration, selection, application result announcement, admission procedure).
- b. Your personal information used for selection for admission (e.g., academic transcript) may be used as reference material for investigative research and academic research to improve future selection for admission and graduate education. (Investigative research results are announced in such a way that individuals cannot be identified.)
- c. After you are admitted, your personal information is used for operations related to educational affairs (e.g., enrollment management, schooling guidance), student support (e.g., health control, tuition waiver, application for scholarship, job placement support), and tuition collection.

(2) Entrustment of operations to external business operators

The operations of (1) above may be entrusted to some external business operators under an agreement with them for proper treatment of personal information.

4. Selection Procedure

(1) Date and place

Time and date: 2:00pm-, Friday, September 5, 2025

Place: Sakurayama Campus

*Detailed information will be notified to each applicant.

(2) Oral Examination

Applicants will take an oral examination (approximately 20 minutes per person) to evaluate their basic scholastic ability and English proficiency based on their application documents.

(3) Admission decision

The admission decision will be made in a comprehensive manner based on three grades that take into account the results of document screening and oral examinations based on the following criteria:

Motivation for the program, aptitude in the field, and basic scholarship skills.

(4) Announcement of successful applicants

Announcement expected at 2pm on Friday, September 12, 2025

Notification of the pass/fail will be sent to the applicant.

5. Financial Support for Students

The following financial support is planned for program participants.

(1) We will provide a study support fund that is approximately the same amount as the tuition fee.

(2) “Nagoya City University International Conference Expense Support System” will be preferentially applied to program participants.

*The above details regarding financial support in (1) and (2) are as of April 1, 2025 and are subject to change. The support is provided only within the standard course term.

6. Inquiries and Submission

(Inquiry for enrollment and submission)

(Inquiry for research and education at each school)

International Affairs Office, Nagoya
City University
Address: 1 Yamanohata, Mizuho-cho,
Mizuho-ku, Nagoya 467-8501
Phone: 052 872 5163

*If you would like to apply from overseas, please make sure to entrust your application procedure to the proxy residing in Japan. Application directly from overseas will not be accepted.

(Graduate School of Medical Sciences)
Department of Education and Research for Medical
Sciences, Nagoya City University
1 Kawasumi, Mizuho-cho, Mizuho-ku, Nagoya
467-8601
Phone: 052 853 8545

(Graduate School of Pharmaceutical Sciences)
Administration Office for Pharmaceutical Sciences,
Nagoya City University
3-1 Tanabe-dori, Mizuho-ku, Nagoya 467-8603
Phone: 052 836 3402

(Graduate School of Design and Architecture)
Administration Office for Design and Architecture,
Nagoya City University
2-1-10 Kitachikusa, Chikusa-ku, Nagoya 467-0083
Phone: 052 721 1225

(Graduate School of Nursing)
Administration Office for Nursing,
Nagoya City University
1 Kawasumi, Mizuho-cho, Mizuho-ku, Nagoya
467-8601
Phone: 052 853 8037

(Graduate School of Science)
Yamanohata Office for Science,
Nagoya City University
1 Yamanohata, Mizuho-cho, Mizuho-ku, Nagoya
467-8501
Phone: 052 872 5802

7. List of Program Supervisors

All applicants must consult the prospective supervisor who has to be a faculty member listed from the next page to discuss whether your research plan is appropriate for the program and obtain his/her consent before applying to a program.

- 1) The following list is effective as of April 1, 2025 and is subject to change.
- 2) Students of this program is required to simultaneously satisfy the requirements of both their major in the graduate school and this program.

List of program supervisors

【Graduate School of Medical Sciences】

Name	Title	Specialty
Takatoshi Ueki	Professor	Integrative Anatomy
Shinya Ugawa	Professor	Anatomy and Neuroscience
Ayumu Taguchi	Professor	Molecular Oncology
Yoichi Kato	Professor	Cell Biology
Hikaru Hashitani	Professor	Cell Physiology
Hideki Hida	Professor	Neurophysiology and Brain Science
Takahiro Yasui	Professor	Nephro-urology
Satoru Takahashi	Professor	Experimental Pathology and Tumor Biology
Shingo Inaguma	Professor	Pathology and Molecular Diagnostics
Hisashi Oishi	Professor	Comparative and Experimental Medicine
Susumu Ohya	Professor	Pharmacology
Tadao Hasegawa	Professor	Bacteriology
Sayuri Yamazaki	Professor	Immunology
Yusuke Okuno	Professor	Virology
Yoshino Ueki	Professor	Rehabilitation Medicine
Tatsuo Akechi	Professor	Psychiatry and Cognitive-Behavioral Medicine
Mayumi Sugiura	Professor	Obstetrics and Gynecology
Shinji Saitoh	Professor	Pediatrics and Neonatology
Daisuke Kawauchi	Professor	Neuro-Oncology
Kazuhiro Yamakawa	Professor	Neurodevelopmental Disorder Genetics
Takashi Saito	Professor	Neurocognitive Science

Masumi Suzui	Professor	Neurotoxicology
Kazunobu Sawamoto	Professor	Developmental and Regenerative Neurobiology
Hiroshi Nomura	Professor	Cognitive Function and Pathology *Endowed course
TBA	Professor	Respiratory Medicine, Allergy and Clinical Immunology
Yoshihiro Seo	Professor	Cardioangiology
Takayuki Hamano	Professor	Nephrology
Shinsuke Iida	Professor	Hematology and Oncology
Kazuya Sobue	Professor	Anesthesiology and Intensive Care Medicine
Kei Miyazaki	Professor	General Medicine & General Internal Medicine
Yoko Hibi	Professor	Clinical Pharmaceutics
Hiroshi Sasano Tomonori Hattori	Professor	Advancing Acute Medicine
Asako Matsushima	Professor	Emergency and Critical Care
Michihiro Kamijima	Professor	Occupational and Environmental Health
Sadao Suzuki	Professor	Public Health
Toru Oshima	Professor	Forensic Medicine
Osamu Takakuwa	Professor	Medical Education
TBA	Professor	Medical Innovation
Takahiro Matsumoto Akimichi Morita Takatoshi Ueki Takashi Kato Dai Hanawa Takaya Terada	Professor	Clinical Medical Design

【Graduate School of Pharmaceutical Sciences】

Name	Title	Specialty
Hidehiko Nakagawa	Professor	Organic and Medicinal Chemistry
Naoki Umezawa	Professor	Bioorganic-inorganic Chemistry
Seiichi Nakamura	Professor	Synthetic Organic Chemistry
Shin-ichi Ikeda	Associate Professor	Synthetic Supramolecular Chemistry
Naohide Hirashima	Professor	Cellular Biophysics (Master course only)
Junpei Yamanaka	Professor	Physical Chemistry of Colloid and Polymer (Master course only)
Michiko Shirane	Professor	Molecular Biology
Tetsuya Ozeki	Professor	Drug Delivery and Nano Pharmaceutics
Koichi Kato	Specially appointed Professor	Structural Biology and Biomolecular Engineering
Hirokazu Yagi	Associate Professor	Multilevel Biofunctional Analytics
Toshiaki Makino	Professor	Pharmacognosy
Shigeaki Hida	Professor	Molecular and Cellular Health Sciences
Shin-ichi Hoshino	Professor	Biological Chemistry
Hisao Yamamura	Professor	Molecular and Cellular Pharmacology
Mitsuharu Hattori	Professor	Biomedical Science
Hiroaki Yuasa	Professor	Biopharmaceutics (Master course only)
Mineyoshi Aoyama	Professor	Pathobiology
Yasumichi Inoue	Professor	Cell Signaling
Kazuhiko Kume	Professor	Neuropharmacology
Hiroshi Arakawa	Professor	Regulatory Science
Tomoya Tachi Takahiro Iwao Yayoi Kawano	Professor	Clinical Pharmacy

【Graduate School of Design and Architecture】

Name	Title	Specialty
Sei-ichi Tsujimura	Professor	Experimental Psychology, Cognitive Science, Electrical Engineering and Information Technology
Gyuyoung Yoon	Professor	Service Design Engineering in Architecture, Energy Management
Akihiko Ono	Associate Professor	Landscape architecture Landscape design Garden design
Kiyoko Yokoyama	Professor	Information Engineering, Ergonomics

【Graduate School of Nursing】

Name	Title	Specialty
Hiroko Wakimoto	Professor	Reproductive Health-Midwifery
Motoko Yamabe	Professor	Child Health Nursing
Yukako Ando	Professor	Chronic Illness Nursing
Hiromi Hirata	Professor	Gerontological Nursing
Yasue Kubota	Professor	Advanced Medical Nursing
Kanae Momino	Professor	Nursing Administration and Management
Fujika Katsuki	Professor	Psychiatric-Mental Health Nursing
Akiko Akiyama	Professor	Home Care Nursing
Akiko Kadoma	Professor	Community Health Nursing
Michiyo Higuchi	Professor	Public Health
Noriyo Kaneko	Professor	Health Promotion
Hiroyuki Kagami	Professor	Nursing Informatics

【Graduate School of Science】

Name	Title	Specialty
Shin-ichiro Kidou	Professor	Plant physiology, Molecular Biology
Koutarou Kimura	Professor	Neuroscience, molecular genetics, opto-physiology
Yoshinori Kumazawa	Professor	Molecular Evolution, Animal Phylogenetics, Biodiversity Science
Kunio Nakatsukasa	Professor	Metabolic biochemistry
Mitsuharu Okutsu	Professor	Molecular Biology and Cellular Physiology of Exercise
Yoshiyuki Suzuki	Professor	Information Biology, Molecular Evolution, Population Genetics, Virology
Tetsuo Takaishi	Professor	Exercise Physiology, Biomechanics, Health Science
Yasushi Yukawa	Professor	Molecular Biology, RNA Biology
Nobuhiko Sakurai	Associate Professor	Bioinorganic Chemistry
Hideaki Tagami	Associate Professor	Molecular Biology, Chromatin Regulation
Kaori Murase	Associate Professor	Ecometry, Ecoinformatics, Ecology, Bioinformatics
Shinobu Aoyagi	Professor	Synchrotron Radiation X-ray Diffraction, Structural Physics
Toru Amaya	Professor	Organic Chemistry, Supramolecular Chemistry, Polymer Chemistry
Naoko Kamada	Professor	Topology
Shigeto Kawata	Professor	Algebra
Atsushi Nakamura	Professor	Audio, speech and language processing, Information sequence learning identification
Yuji Watanabe	Professor	Intelligent Informatics, Information Security
Kazuhiro Hada	Associate Professor	Astrophysics, Astronomy, Radio Observation
Norihisa Katayama	Associate Professor	Molecular Structure, Vibrational Spectroscopy (Infrared, NIR, Raman), Chemometrics, Food Sciences
Go Tanaka	Associate Professor	Image Processing, Color Conversion for Color Barrier-Free

Akio Tokumitu	Associate Professor	Condensed Matter Theory
Hitoshi Miura	Associate Professor	Planetary Science, Theory of Crystal Growth
Mikihiro Fujii	Lectuer	Analysis

There is a possibility to change the examination date and method in a near future. For more details, please check the website below.

<https://www.nagoya-cu.ac.jp/english/faculty/admissions/>

2025 International Program to Conjoin Brain Science and Society Course Schedule

Medical Sciences	Pharmaceutical Sciences	Sciences	Design and Architecture	Nursing
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Semester 1, April 2025

	Mon	Tue	Wed	Thu	Fri
1 9:00~10:30					
2 10:40~12:10				<second session> Advanced Neuropharmacology (Zoom)	
3 13:00~14:30					
4 14:40~16:10					
5 16:20~17:50					
6·Evening D/18:00~19:30 M/18:30~20:00	Advanced Study of Biological Information Processing (1)	Intensive Courses in Comprehensive Medical Practice for Dementia(J) (Zoom)		Introduction to Clinical and Medical Design(J) (Zoom)	
7·Evening D/19:40~21:10	Advanced Study of Biological Information Processing (1)				

Semester 2, October 2025

	Mon	Tue	Wed	Thu	Fri	
1 9:00~10:30						
2 10:40~12:10				<first session> Advanced Molecular Neuroscience (Zoom)		
3 13:00~14:30			Introduction to Basic Medical Science Program 1 (Zoom)			
4 14:40~16:10			Introduction to Basic Medical Science Program 2 (Zoom)			
5 16:20~17:50						
6·Evening M/18:30~20:00 S/18:00~19:30		Intensive Courses in Palliative and Terminal Care(J) (Zoom)	Brain Science (Zoom)	Intensive Courses in Clinical and Medical Design(J) (Zoom) Lecture 1 of Structure and Function Biomedical Sciences(J) (Zoom)	Image Processing in Life Science / Biological Data Science (2)	Intelligent Informatics(J) (2)

(1) Kita Chikusa Campus (2) Takiko Campus Bld. No.4 Large Lecture Room

Intensive Course	
Introduction to Data Sciences	Aug 25, 26, 29

Practices and Exercises(Intensive Courses)
Brain Science and Society Active Learning (from next January to March)
Brain Science and Society Internship (TBA, around next June, or arrange by yourself)
Global Presentation (when you participate in international conferences)