

# **2026 Hokkaido University**

## **Graduate Program of Brain Science Research and Education Center for Brain Science (RECBS)**

### **Student application guidelines For enrollment October 2026**

Research and Education Center for Brain Science (RECBS), Hokkaido University  
URL: <https://www.hokudai.ac.jp/recbs/>  
(Established 17 September 2003)

# **2026 Application Guidelines for the Graduate Program of Brain Science (provided by the Research and Education Center for Brain Science, Hokkaido University) (RECBS)**

## **1. Program overview**

A variety of brain and mental disorders, including psychosis, mood disorders, neurodegenerative disorders, neurotic disorders, and developmental disorders, are often difficult to treat, making them a major social problem. In addition, the resolution of brain-related problems such as attention deficits and learning disabilities in children is important not only in terms of diagnosis and intervention, but also in terms of providing effective education. Furthermore, in our hyper-aged society, there is an urgent need to understand the changes in brain function that accompany aging and to develop ways of coping with these changes.

To solve these problems, it is important to promote integrative brain science research beyond existing research areas by sharing knowledge, methodologies, and data accumulated by researchers in the health sciences, life sciences, engineering and informatics, and humanity and social sciences. To sustainably develop these research fields, it is necessary to foster young researchers with integrative knowledge of brain science.

Brain science research at Hokkaido University has a long history. Brain science continues to develop as a research field that leads to new developments through collaboration between researchers in many fields, including education, psychology, and social science as well as medicine, dentistry, pharmacy, health sciences, life sciences, engineering, and information science. The Research and Education Center for Brain Science was established as a virtual organization with concurrently assigned faculty members from various departments, aiming to integrate these resources, promote integrative brain science research, and establish a university-wide educational system. In order to provide a wide range of brain-related education that transcends the boundaries of existing graduate schools, the center has established the Graduate Program of Brain Science and offers a variety of educational opportunities.

## **2. Qualification for admission**

Applicants must be currently enrolled or scheduled to be enrolled in a master's or doctoral course at the university's graduate school to which the faculty members of Department Brain science are responsible in October 2026 and meet the following two requirements:

- (1) Conduct interdisciplinary research in the field of brain science
- (2) Obtain approval from the supervisor of the graduate school in which you are enrolled

## **3. Number of students to be recruited**

|                                     |                      |
|-------------------------------------|----------------------|
| Master's course and Doctoral course | 10 students in total |
|-------------------------------------|----------------------|

## **4. Application period**

**From September 1 (Tue) to September 11 (Fri), 2026 (must be received by 17:00 [JST])**

## **5. Application form for the Graduate Program of Brain Science**

Application form for the Graduate Program of Brain Science (attach your photograph as indicated)

Credits Acquisition Status Report and Grades(\*Submitted only for students currently enrolled in school)

You must obtain the signature of your supervisor and a stamp of confirmation from the academic affairs section of your graduate school before submitting the form.

## 6. How and where to apply (please select one of the following methods)

### (1) Postal mail

North 15, West 7, Kita-ku, Sapporo 060-8638  
Administration Office, Research and Education Center for Brain Science,  
Hokkaido University (in the office of the Graduate School of Medicine)

### (2) In person

Bring the form to the office above. The office is located on the first floor of the Administration Building of the Graduate School of Medicine. Office hours are from 8:30 to 17:00 on weekdays.

### (3) Campus mail

Send to the Administration Office, Research and Education Center for Brain Science  
Campus mail #20

## 7. Schedule of selection examination

Applicants will be selected through group interviews as follows:

- **Date and time: September 18 (Fri), 2026 at 10:30 (Applicants must arrive by 10:20)**
- **Exam site: Small Conference Room2, Administration Building 2F, Graduate School of Medicine**

## 8. Announcement of the selection results

Applicants will receive the results via e-mail by 17:00 on September 24(Thu), 2026. The results will also be sent in writing to the head of your department.

## 9. Requirements for completion of the program

In order to complete this program, students must meet all of the following requirements.

- (1) Acquire at least 14 credits from the prescribed subjects, including at least 8 credits of Compulsory Elective Subjects.
- (2) Pass the thesis review conducted by the program faculty
- (3) Earn a degree from the graduate school to which the students belong

The 2026 syllabus for the Graduate Program of Brain Science will be available on our HP. Students are required to follow the prescribed procedures for registration.

The thesis (dissertation) for the Graduate Program of Brain Science must be the same as the one for your graduate program and must be approved by your supervisor. The thesis will be reviewed by program faculty from multiple departments.

## 10. Other

For inquiries regarding this program, please contact the faculty members of the Research and Education Center for Brain Science (see attached list) or the following office.

Administration Office, Research and Education Center for Brain Science  
North 15, West 7, Kita-ku, Sapporo 060-8638 (Campus mail #20)  
Phone: 011-706-5022, Fax: 011-717-5286  
E-mail: [brain@med.hokudai.ac.jp](mailto:brain@med.hokudai.ac.jp)  
<https://www.hokudai.ac.jp/recbs/>



## The faculty members of Department Brain Science in 2026

| Affiliation                                   | Departments                                                                    | Position                      | Name              | EXT  |
|-----------------------------------------------|--------------------------------------------------------------------------------|-------------------------------|-------------------|------|
| Faculty of Humanities and Human Science       | Division of Human Science                                                      | Professor                     | Yasuhiro Kawabata | 4014 |
|                                               |                                                                                | Professor                     | Kenji Ogawa       | 4093 |
|                                               |                                                                                | Associate Professor           | Sae Kaneko        | 4155 |
|                                               |                                                                                | Professor                     | Taiki Takahashi   | 3008 |
|                                               |                                                                                | Associate Professor           | Hiroko Tanabe     | 4163 |
| Faculty of Education                          | Division of Education                                                          | Professor                     | Tetsuko Kasai     | 3108 |
|                                               |                                                                                | Professor                     | Ayumi Seki        | 2608 |
|                                               |                                                                                | Professor                     | Masaki Abe        | 5442 |
|                                               |                                                                                | Associate Professor           | Yujiro Yamanaka   | 3077 |
| Faculty of Science                            | Biosystems Science Course, Graduate School of Life Science                     | Professor                     | Hiroto Ogawa      | 3525 |
|                                               |                                                                                | Professor                     | Kazuhiro Wada     | 4443 |
|                                               |                                                                                | Associate Professor           | Yuichi Takeuchi   | 4448 |
|                                               |                                                                                | Associate Professor           | Tomomi Tsunematsu | 2615 |
| Faculty of Advanced Life Science              | Laboratory of Cellular and Molecular Sciences                                  | Associate Professor           | Akira Kitamura    | 9542 |
| Faculty of Information Science and Technology | Division of Bioengineering and Bioinformatics, Bioengineering                  | Professor                     | Takashi Tateno    | 6763 |
| Faculty of Medicine                           | Division of Medicine                                                           | Professor                     | Haruyuki Kamiya   | 5027 |
|                                               |                                                                                | Professor                     | Masaki Tanaka     | 5039 |
|                                               |                                                                                | Specially appointed professor | Fumino Fujiyama   | 5033 |
|                                               |                                                                                | Professor                     | Ichiro Yabe       | 6028 |
|                                               |                                                                                | Professor                     | Takeo Yoshikawa   | 5904 |
|                                               |                                                                                | Professor                     | Kohsuke Kudo      | 7779 |
|                                               |                                                                                | Professor                     | Takahiro Kato     | 5160 |
|                                               |                                                                                | Professor                     | Miwako Yamasaki   | 5030 |
|                                               |                                                                                | Associate Professor           | Khin Khin Tha     | 8183 |
|                                               |                                                                                | Associate Professor           | Naoki Hashimoto   | 5973 |
| Faculty of Dental Medicine                    | Division of Oral Functional Science                                            | Professor                     | Makoto Funahashi  | 4230 |
| Faculty of Pharmaceutical Sciences            | Biomedical and Pharmaceutical Science Course , Graduate School of Life Science | Professor                     | Masabumi Minami   | 3246 |
|                                               |                                                                                | Associate Professor           | Iku Kimura        | 3248 |
| Faculty of Health Sciences                    | Division of Health Sciences                                                    | Professor                     | Koichi Yokosawa   | 2828 |
|                                               |                                                                                | Professor                     | Daisuke Sawamura  | 3387 |
|                                               |                                                                                | Associate Professor           | Mika Otsuki       | 3376 |
|                                               |                                                                                | Associate Professor           | Taisuke Miyazaki  | 3330 |
|                                               |                                                                                | Lecturer                      | Kazuki Yoshida    | 3414 |
| Faculty of Veterinary Medicine                | Basic Veterinary Sciences                                                      | Professor                     | Ken-ichi Otsuguro | 5219 |
| Hokkaido University Hospital                  | Department of Rehabilitation Medicine                                          | Professor                     | Masahiko Mukaino  | 6066 |

To: Director, Research and Education Center for Brain Science

For enrollment October 2026  
**Application Form for the Graduate  
Program of Brain Science**

Date of  
submission:                 /                 /

Attach a photo  
• 4 x 3 cm  
• Front view  
• No  
hat/cap/sunglasses  
• Taken within the  
last 3 months

|                                                |                |                     |                                                             |                                                         |
|------------------------------------------------|----------------|---------------------|-------------------------------------------------------------|---------------------------------------------------------|
| Affiliation<br>(Name of<br>Graduate<br>School) |                | Course<br>category  | Master's program<br><br>*School<br>year (                 ) | Student number<br>(Date of Admission)                   |
|                                                |                |                     |                                                             | (                 /                 /                 ) |
| Course                                         |                | Japanese kana       |                                                             |                                                         |
|                                                |                | Roman               |                                                             |                                                         |
| Name of<br>supervisor                          |                | Your name           |                                                             |                                                         |
| Contact information                            | Phone (office) |                     |                                                             |                                                         |
|                                                | (mobile)       | -                 - | Date of birth                                               |                                                         |
|                                                | (home)         | -                 - | Home<br>address                                             | 〒                                                       |
|                                                | E-mail         |                     |                                                             |                                                         |

|                                                                                                   |  |
|---------------------------------------------------------------------------------------------------|--|
| Research theme                                                                                    |  |
| Research outline (Please describe the interdisciplinary area of brain science you wish to study.) |  |
|                                                                                                   |  |

|                                                                                                                            |                         |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------|
| I recommend the above student, for whom I am (will be) a supervisor, as a student in the Graduate Course of Brain Science. |                         |
| Supervisor's comments (optional)                                                                                           |                         |
|                                                                                                                            |                         |
| Date:                 /                 /                                                                                  | Supervisor's signature: |

\*Note:

**To applicants**

After completing the form and obtaining the signature of your supervisor, submit it to the Academic Affairs Section of your graduate school, receive a confirmation stamp in the right-hand column, and submit it to the Research and Education Center for Brain Science.

**\*Deadline for submission: September 11 (Fri), 2026**

Contact information    Campus mail: #20,    Phone: Ext. 5022  
Administration Office, Research and Education Center for Brain Science  
(within the General Affairs Section of the Graduate School of Medicine)

To the staff of Academic Affairs of the relevant graduate school

**関連学院 大学院教務担当 御中**

本様式は、学生が入学又は進学予定の所属長へ併せて提出することになっております。本用紙をコピーのうえ、出願の届け出に代えてくださるようお願いいたします。

|               |               |
|---------------|---------------|
| 所属学院<br>届出確認欄 | コピー受領係名及び確認者印 |
|---------------|---------------|

# Credits Acquisition Status Report

Your name \_\_\_\_\_

## (1) Compulsory Elective Subjects

Please put a check ☐ in the check box for the subjects already completed by September 2026.

| Course Title                                                                                    | check box |
|-------------------------------------------------------------------------------------------------|-----------|
| Basic Brain Science I : Neural Signaling                                                        |           |
| Basic Brain Science II : Brain Structure and Function                                           |           |
| Basic Brain Science III : Systems Neuroscience                                                  |           |
| Basic Brain Science IV : Molecular and Cellular basis of Neurotransmission                      |           |
| Basic Brain Science V : Practice for Human Brain Anatomy                                        |           |
| Introduction to Brain Science VI : The Foundations of Cognitive Sciences and Functional Imaging |           |
| Brain Science I , Lecture                                                                       |           |
| Brain Science I , Practice class                                                                |           |
| Brain Science II, Lecture                                                                       |           |
| Brain Science II , Practice class                                                               |           |
| Brain Science III : Presentation skills of brain science                                        |           |
| Brain Science IV-a : Advanced Brain Science Seminar                                             |           |
| Brain Science IV-b : Advanced Brain Science Seminar                                             |           |

## (2) Other subjects related to brain science

If you have already completed "Other Courses Related to Brain Science" by September 2026 please complete below.

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Please provide evidence of subjects declared in (1) and (2).

Web履修登録システム(Top)Web Registration System>成績照会(My Grades)>成績明細(My Grades)