

For Enrollment in April 2024

Application Guidelines for Doctoral Degree Program

Division of Health Sciences

Osaka University Graduate School of Medicine

English described below is a translation from the original and shall not be regarded as official documentation. The English text has been provided merely as a reference. Please note that any official rules are based solely on the Japanese text.

May 2023

Osaka University Graduate School of Medicine

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For Enrollment in April 2024

Application Guidelines for Doctoral Degree Program Division of Health Sciences Osaka University Graduate School of Medicine

The Division of Health Sciences of Osaka University Graduate School of Medicine invites applications for the doctoral degree program for enrollment in April 2024 as follows.

1. Admission Quota: 23 (Division of Health Sciences, Osaka University Graduate School of Medicine)

2. Application Eligibility

Those who fall under any of the following categories or who are expected to do so by March 31, 2024 are eligible to apply.

- (1) Those with a master's degree or professional degree
- (2) Those who have been conferred a master's degree or a degree equivalent to a professional degree in a foreign country
- (3) Those who have been conferred a master's degree or a degree equivalent to a professional degree by completing a correspondence course offered in Japan by a foreign school
- (4) Those who have been conferred a master's degree or a degree equivalent to a professional degree after completing the relevant course designated separately by the Minister of Education, Culture, Sports, Science and Technology (MEXT), at an educational institution in Japan which ranks in an overseas educational system as providing the same level of curriculum as a graduate school in that country
- (5) Those who have been conferred a degree equivalent to a master's degree after completing the relevant course at the United Nations University
- (6) Those who have completed the relevant course at: a school in a foreign country; an educational institution designated in (4) above; or the United Nations University, and who are recognized as having academic ability equal or superior to a master's degree holder upon passing an examination and screening equivalent to those prescribed in Article 16-2 of the Standards for the Establishment of Graduate Schools
- (7) Those designated by the Minister of MEXT (Notification No. 118 of the Ministry of Education, dated September 1, 1989), namely:
 - (i) Those who have at least two years' experience of engaging in research at a university or research institution after graduating from a university in Japan and who are recognized by Osaka University Graduate School of Medicine as having academic ability equal or superior to a master's degree holder, based on the results of the said research or other achievements; or
 - (ii) Those who have at least two years' experience of engaging in research at a university or research institution after completing 16 years of school education abroad, or after completing 16 years of school education abroad through completion in Japan of a correspondence course provided by an educational institution in that country, and who are recognized by Osaka University Graduate School of Medicine as having academic ability equal or superior to a master's degree holder, based on the results of the said research or other achievements.
- (8) Those who are recognized by Osaka University Graduate School of Medicine as having academic ability equal or superior to a master's degree or professional degree holder, as a result of screening to determine application eligibility conducted by the said Graduate School (Application Eligibility Screening), and who turn 24 years of age by March 31, 2024.

(Note 1) Those who fall under (6), (7), and (8) will be subjected to Application Eligibility Screening (see “3. Application Eligibility Screening”), and may apply for admission only if their application has been approved by this assessment.

(Note 2) Those who fall under (7) should also refer to “3. Application Eligibility Screening.”

3. Application Eligibility Screening

Those who fall under (6), (7), and (8) of “2. Application Eligibility” are subjected to Application Eligibility Screening and thus required to submit the following documents to the Educational Affairs Section, Office of Health Sciences, Graduate School of Medicine by the designated date, in person or by post.

Acceptance period:

In-person submission: June 7 (Wed.), 2023, 9:00 a.m. – June 14 (Wed.), 2023, 3:00 p.m. (The deadline must be strictly observed.)

Documents are accepted between 9:00 a.m. and 11:00 a.m. and between 1:00 p.m. and 3:00 p.m. every day during the above period, except Saturdays, Sundays.

Submission by post:

Documents are accepted only if the envelope is postmarked on a day between June 7 (Wed.), 2023 and June 14 (Wed.), 2023 in Japan. Please make sure to send the documents by “**Kan-i Kakitome Sokutatsu (express simplified registered mail)**” and write in red “Application Documents for Doctoral Degree Program Application Eligibility Screening” on the front of the envelope.

Address: 1-7 Yamadaoka, Suita, Osaka 565-0871

Educational Affairs Section, Office of Health Sciences, Osaka University Graduate School of Medicine

Documents to be submitted for Application Eligibility Screening

Those who fall under categories (6) and (7) specified in “2. Application Eligibility”:

- 1) Application Eligibility Screening Application Form (Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine.)
- 2) Graduation certificate and academic transcript issued by the university you graduated from
- 3) Research Achievement Report (Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine.)
- 4) One representative paper (original, peer-reviewed paper) that has already been published
- 5) Certificate of employment period issued by the head of your workplace (in any format). This document is required only if you have work experience.
- 6) Return envelope (*nagagata* No. 3 (120mm×235mm), with your name, address, and postal code written on the front and a 404-yen stamp affixed)

Those who fall under category (8) specified in “2. Application Eligibility”:

- 1) Application Eligibility Screening Application Form (Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine.)
- 2) Certificate of graduation (completion) or certificate of withdrawal from the last school attended
- 3) Academic transcript issued by the school attended after graduating from high school
- 4) Research Achievement Report (Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine.)
- 5) One representative paper (original, peer-reviewed paper) that has already been published
- 6) Certificate of employment period issued by the head of your workplace (in any format). This document is required

only if you have work experience.

- 7) Return envelope (*nagagata* No. 3 (120mm×235mm), with your name, address, and postal code written on the front and a 404-yen stamp affixed)
- 8) If the last school you graduated from (including the last school you withdrew from) falls under (e) of the table in “I. Application Eligibility Screening Criteria” below, documents that show the eligibility for admission to the school and the number of years and credits (hours) required for graduation or completion of the course of study should also be submitted.

(Note 1) The certificate of employment period stated in 6) above should be submitted for each of the work places written in the Work Experience column of the Application Eligibility Screening Application Form.

(Note 2) After the documents have been submitted, you may be requested to submit additional documents on an individual basis as necessary.

* You will be notified of the result of the Application Eligibility Screening by simplified registered mail. If you do not receive the result by July 21 (Fri.), 2023, please contact the Educational Affairs Section, Office of Health Sciences, Graduate School of Medicine (i-hoken-kyomu@office.osaka-u.ac.jp) by e-mail. If no inquiry is made by this date, you will be deemed to have received the result.

Application Eligibility Screening for those who are recognized to have academic ability equal or superior to a master’s degree holder

Osaka University Graduate School of Medicine conducts Application Eligibility Screening for those designated by the Minister of MEXT as “Persons who are recognized to have academic ability equal or superior to a master’s degree holder for the sake of graduate school admission” (Notification No. 118 of the Ministry of Education, dated September 1, 1989). (Refer to item 7 of “Application Eligibility.”)

For the purpose of the Application Eligibility Screening, the following terms used in the said Notification are interpreted as shown below, and those who have passed the screening are eligible to apply for admission.

1. Those “graduating from a university” or “completing 16 years of school education abroad” include persons who have passed the Application Eligibility Screening conducted by Osaka University Graduate School of Medicine for those recognized to have academic ability equal or superior to a university graduate*.
2. The term “(engaging in research at) a university or research institution” is interpreted to include a junior college, Japanese branch school of a foreign university, school for foreigners, and other educational, research, and clinical institutions in Japan and abroad.
3. The term “(engaging in) research” is interpreted to include international activities and clinical practice, and the time spent in such activities can be counted in the employment period.
4. One representative paper (original) that has already been published
5. The term “results of said research or other achievements” refers to academic papers, books, research presentations and patents (including utility model patents), as well as achievements made in international activities and outstanding results achieved at educational, research, or clinical institutions.

Application Eligibility Screening conducted by Osaka University Graduate School of Medicine for those recognized to have academic ability equal or superior to a university graduate*

I. Application Eligibility Screening Criteria

Application Eligibility Screening is conducted for those who have graduated or withdrawn from or completed the courses at the schools listed in the left column and have (or are expected to have) work experience for the period listed in the right column.

Final educational background	Employment period*
(a) Graduation from a junior college with a two-year course of study	At least two years

(b) Graduation from a junior college with a three-year course of study	At least one year
(c) Graduation from a college of technology	At least two years
(d) Graduation from a postsecondary course of a specialized training college with an at least two-year course of study	Period longer than the minimum number of years required to complete school education up to university graduation (16 years) minus the number of years required to complete a postsecondary course at a specialized training college
(e) Graduation from/completion of: a Japanese branch school of a foreign university; school for foreigners; specialized training college (except postsecondary course); vocational school; and other educational institution in Japan or abroad	Period longer than the minimum number of years required to complete school education up to university graduation (16 years) minus the minimum number of years required to graduate from or complete the last school attended (If you graduated from or completed more than one school with the same admission qualification, only the one with the longest period of study is counted.)
(f) Withdrawal from any of the schools listed in (a) through (e) above	Period longer than the minimum number of years required to complete school education up to university graduation (16 years) minus the number of years of study at the school from which you withdrew. However, if you did not earn the number of credits (or did not complete the hours of study) required by the time of withdrawal, then the number of years corresponding to the number of credits earned (hours of study completed) is treated as the “number of years of study.”

*The employment period is the total of the following:

- (1) Period of enrollment as a research student at a university or junior college
- (2) Period of enrollment in a diploma course, etc. at a junior college or college of technology
- (3) Period during which you have been engaged in research as an educator or researcher in an educational or research and development department of a university, junior college, government office, research institution, company, etc.
- (4) Period during which you have been engaged in clinical practice in a hospital, etc.
- (5) For a period other than the above, the employment period is calculated by multiplying by a certain rate after case-by-case consideration.

II. Criteria for screening

The final educational background, grades, and work experience will be taken into consideration in an integrated manner.

4. Application Period and Documents to be Submitted

Applicants are required to submit the following documents to the Educational Affairs Section within the application period in person or by post.

Acceptance Period:

In-person submission: September 1 (Fri.), 2023, 9:00 a.m. – September 8 (Fri.), 2023, 3:00 p.m.

(The deadline must be strictly observed.)

Documents are accepted between 9:00 a.m. and 11:00 a.m. and between 1:00 p.m. and 3:00 p.m. every day during the above period, except Saturdays, Sundays.

Submission by post:

Documents are accepted only if the envelope is postmarked on a day between September 1 (Fri.), 2023 and September 8 (Fri.), 2023 in Japan. Please make sure to send the documents by **“express simplified registered mail.”**

Address: 1-7 Yamadaoka, Suita, Osaka 565-0871

Educational Affairs Section, Office of Health Sciences, Osaka University Graduate School of Medicine

Before applying for admission, please make sure to contact the faculty member whom you wish to be your supervisor and discuss your research and education plans at the Graduate School. (See Appendix: “Research Outlines of Supervisors.”) Also, please ensure your prospective supervisor’s seal is affixed to the Application Form.

List of Documents Required for Application

Document	Remarks
1. Application form	Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine. * Please ensure the seal of your prospective supervisor is affixed to the form.
2. Statement of reasons for applying	Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine.
3. Examination voucher and photograph	Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine. * Please attach your face photo, without hat/cap, taken within three months prior to the date of application, on the designated space.
4. Academic transcript	<p>a. Applicants who select “AN (Adult Nursing),” “MC (Maternity and Child),” “HP (Health Promotion)” or “R (Radiology)” * as a research area are required to submit an academic transcript of the master’s degree program [excluding those who have completed (or are expected to complete) the master’s degree program of the Division of Health Sciences, Osaka University Graduate School of Medicine]. * Transfer students are also required to submit an academic transcript from their previous school.</p> <p>Applicants who select “LS (Laboratory Science)” * as a research area are required to submit an academic transcript of the master’s degree program [excluding those who have completed (or are expected to complete) the master’s degree program of the Division of Health Sciences, Osaka University Graduate School of Medicine], and an academic transcript of the undergraduate program [excluding those who graduated from Osaka University]. * Transfer students are also required to submit an academic transcript from their previous school.</p> <p>b. Applicants who have been conferred a master’s degree by the National Institution for Academic Degrees and Quality Enhancement of Higher Education are required to submit academic transcripts of all the schools</p>

	<p>attended after graduating from a university (junior college).</p> <p>c. Applicants who meet the requirements of (7) or (8) specified in the Application Eligibility are not required to submit an academic transcript.</p> <p>* Regarding the research area to be written in the Application Form, see Appendix. "List of Research Areas of Supervisors and Abbreviations for Application Form."</p>
5. Certificate of (expected) completion of master's degree program, etc.	<p>a. Certificate of Completion/Expected Completion of Master's Degree Program [excluding those who have completed (or are expected to complete) the master's degree program of the Division of Health Sciences, Osaka University Graduate School of Medicine]</p> <p>b. Applicants who meet the requirements of (7) or (8) specified in the Application Eligibility are not required to submit this document.</p>
6. Certificate of degree conferral	This is required only for applicants who have been conferred a master's degree from the National Institution for Academic Degrees and Quality Enhancement of Higher Education.
7. Abstract of master's thesis	This is required only for applicants with having a master's degree.
8. Certificate of payment of examination fee	<p>Please pay the examination fee of 30,000 yen by bank transfer using the Examination Fee Transfer Request Form and attach a certificate of payment of the examination fee to the designated form. The bank transfer fee must be paid by the applicant.</p> <p>* <u>Payment of the examination fee is not required for applicants who have completed the master's degree program of Osaka University Graduate School and will remain enrolled in the doctoral degree program of Osaka University Graduate School.</u></p> <p>* <u>Please inquire at the Educational Affairs Section about the handling of the examination fee for Japanese Government Scholarship students.</u></p> <p>* Applicants affected by the disasters listed on Osaka University's official website are exempt from the examination fee. (https://www.osaka-u.ac.jp/en/admissions/information)</p> <p>For more information, please check the above website, do not pay the examination fee and contact the following.</p> <p>The examination fee, once paid, will not be refunded, except in the following cases.</p> <p>(1) An applicant is found not to be qualified for the examination after submitting the application documents.</p> <p>(2) Application documents are not accepted due to their arriving after the acceptance period.</p> <p>(3) Application documents are not accepted due to incompleteness.</p> <p>(4) The examination fee is paid but application documents are not submitted within the acceptance period.</p> <p>(5) The examination fee is paid twice by mistake.</p> <p>To request a refund, please contact: Educational Affairs Section, Office of Health Sciences, Osaka University Graduate School of Medicine (i-hoken-kyomu@office.osaka-u.ac.jp)</p>

9. Shipping slip	Use the form prescribed by Division of Health Sciences Osaka University Graduate School of Medicine. * If you change your address, please contact the Educational Affairs Section as soon as possible.
10. Envelope for sending an examination voucher	Please write your name, address and postal code clearly on a <i>nagagata</i> No. 3 (120mm×235mm) envelope and affix a 404-yen stamp.
11. Copy of resident register or residence card	Foreign applicants residing in Japan are required to submit a copy of their resident register or a copy of both sides of their residence card issued by the mayor of the city or ward office, on which their status of residence and period of stay are clearly shown. Japanese applicants do not need to submit this document. * It is not necessary to submit a copy of the resident register or residence card of household members of the applicant. Note: Foreign applicants who have been granted permanent residence in Japan by the Minister of Justice are not required to submit this document.
12. Copy of passport	This applies only to foreign applicants residing abroad are required to submit a page with a photo of face.
13. Extract of family register	Please submit this document if your current surname is different from that shown on certificates submitted for application due to marriage, etc. (This document is required in order to confirm that you are the person whose name is shown on a certificate of completion, academic transcript, and other certificates.) * Even if you are a graduate of Osaka University, you are required to submit this document if applicable.
14. Documents proving that the applicant has passed the examination specified in (6) of the Application Eligibility (Qualifying Examination) (This applies only to applicants who meet the requirements of (6) specified in Application Eligibility.)	<ul style="list-style-type: none"> - Submit a document to the following effect, prepared (signed) by the president or representative of your university. Example: University X confirms and reports that Mr. Y, a student of our university, has passed the “(Title of Examination)” and been proven to have academic ability equal or superior to a master’s degree holder. We also enclose the following documents related to the said examination. Example of Attachments - Criteria for passing the Qualifying Examination - Document that shows how the successful completion of the Qualifying Examination relates to the conferral of a master’s degree at the applicant’s university - Document that shows how a person who has passed the Qualifying Examination and a person who has transferred from another university with a master’s degree are treated in the doctoral degree program at the applicant’s university

Notes to applicants

- 1) In principle, incomplete application documents will not be accepted, and information given in application documents cannot be changed after the application has been submitted.
- 2) All application documents, once received, will not be returned for any reason.
- 3) If you need special consideration for taking an entrance examination and/or studying after admission due to disability, etc., please consult with the Educational Affairs Section before applying.
- 4) False statement about the personal history, admission qualification, or other matters shown in the Application Form may result in the revocation of admission, even after the applicant has been accepted for enrollment.

5. Selection of Research Area

Applicants must select one research area from the list of research areas shown in the Appendix “List of Research Areas of Supervisors and Abbreviations for Application Form.”

6. Examination Schedule and Venue

Examination Date	Time	Exam type	Venue
November 2 (Thu.), 2023	9:30–11:30	Written examination	Division of Health Sciences, Osaka University Graduate School of Medicine 1-7 Yamadaoka, Suita
	13:00–18:00	Interview	

7. Applicant Selection Method

Applicants are selected by a comprehensive assessment of the results of the written examination and interview, their academic transcripts and other relevant documents.

(1) Written examination

Foreign language (English) (You may bring one dictionary of any type; an electronic dictionary is not permitted.) Question and answer sheets in English are also available. (The same questions are asked in both Japanese and English sheets.) If you wish to take the examination in English, please select “English” by checking the box at the bottom of the Application Form. You cannot change the language after submitting the Application Form.

(2) Interview

An interview will be conducted individually to test your practical and research abilities in the research area you wish to pursue. The equipment to be used for the presentation in the interview (computer, etc.) differs depending on the research area. For details, please be sure to consult in advance with the faculty member who is your prospective supervisor.

In the interview, you will first make a presentation on your master’s thesis or past research, and then answer questions from examiners about your presentation.

8. Instructions for Examinees

- (1) The examination instructions (including the examination room layout and precautions for examinees) will be sent by post to you together with the examination voucher in a return envelope at least one week before the examination date.
- (2) On the day of the examination, please be seated in your assigned seat 15 minutes before the examination starts.
- (3) Please be sure to bring your examination voucher on the day of the examination. The examination voucher is also required for various procedures for admission, so please keep it in a safe place and do not lose it.
- (4) Osaka University does not arrange accommodation for examinees.
- (5) Private automobiles and motorcycles (including motorized bicycles) are not allowed on campus.
- (6) The entrance examination schedule and other examination details may change for unavoidable reasons. Please check the latest information posted on the website of the Division of Health Sciences from time to time.

9. Announcement of Successful Applicants

November 10 (Fri.), 2023, 1:30 p.m.

The examination numbers will be announced on the notice board on the 1st floor at Health Science building on the above date and time, and the examination numbers of successful applicants will also be posted on the Department's website. The notification of acceptance will also be sent successful applicants by registered mail to the address indicated on the 'dispatch slip' submitted when the application was submitted. No enquiries by telephone or other means will be accepted. (No notification will be made to unsuccessful applicants.)

The admission procedure will be notified on the department's website in mid-January 2024.

*Official notification will be given in the acceptance letter and in the list of examination numbers of successful applicants posted on the notice board on the first floor.

*The posting of the examination numbers of successful applicants on the website is part of the provision of information. The posting on the homepage may be temporarily suspended in the event of unavoidable circumstances, such as system trouble.

10. Handling of Personal Information

- (1) The names, addresses, and other personal information of applicants submitted at the time of application are used for entrance examination purposes only, such as the selection of applicants (e.g., handling of application forms and implementation of the entrance examination), announcement of successful applicants, and admission procedures. The personal information of those enrolled is also used for: student administration affairs such as school register control and course-taking instructions; student support (e.g., health management, tuition fee exemption, scholarship application, and career support), and tuition fee collection.
- (2) Personal information used for the selection of applicants, such as entrance examination results, is also used for: tabulation and analysis of examination results; research and study on applicant selection methods; and student support such as scholarship application.
- (3) Some of the tasks listed in (1) and (2) above may be outsourced to external entities. In this case, personal information submitted by applicants will be offered to the external entities in part or in whole, pursuant to a contract that Osaka University concludes with such entities to ensure appropriate handling of personal information.
- (4) In addition to the above, personal information obtained in (1) and (2) may be used to "improve admission selection methods and university education" and for "university administration and management (various surveys and analyses, project planning, etc.)". However, the results will not be made public in a way that identifies individuals.

11. Enrollment and Tuition Fees

(1) Enrollment fee: 282,000 yen

(2) Tuition fee: 535,800 yen per year (267,900 yen per half year)

*** Payment of the enrollment fee is not required for those who have completed a master's degree program of Osaka University Graduate School, or Osaka University Law School program, and who remain enrolled in the doctoral degree program of Osaka University Graduate School.**

* The amounts of enrollment and tuition fees are subject to change.

If the tuition fee is revised during your enrollment, the new tuition fee will be applied from the time of the revision.

12. Osaka University Tuition Waiver System for Honor International Students

Osaka University has a tuition fee exemption system (Tuition Fee Exemption for International Honors Students) for privately funded international students who are of excellent academic standing in the graduate school entrance examinations. The aim of this system is to further strengthen research capabilities and promote the acceptance of international students. This entrance examination is subject to the Tuition Fee Exemption for International Honors Students. Successful applicants for this program/course qualify for the tuition fee exemption under this system.

Applicants must have the approval of their prospective supervisor and must meet all of the following criteria, and please tick in the box of the 'For international Students' section of the application form.

(i) Those whose status of residence after enrolment is "Student"

(ii) Those who do not receive tuition support, such as Japanese government scholarship student (MEXT student), foreign government-sponsored student and so on

(iii) Those who have not received support equivalent to tuition fees for the purpose of tuition support by scholarship foundations

After the acceptance announcement, the results of the exemption application will be sent by email.

For more information about this system, please refer to the website of the Division of Health Sciences at:

<https://sahswww.med.osaka-u.ac.jp/jpn/admissions/doc/2023-shihi-ryugakusei-menjyo.pdf>

13. Long-term Study System

If you wish to systematically complete the course of study beyond the standard period due to reasons such as being in employment, those who meet the requirements and wish can apply for extending the period under the Long-term Study System.

For more information about this system, please refer to the website of the Division of Health Sciences at:

<https://sahswww.med.osaka-u.ac.jp/jpn/procedure/gakui-shinsei-longterm.html>

Application guidelines for this system will be made available on the Admission Procedures page (to be opened in mid- January 2024) of the website.

14. Venue of Entrance Examination for Admission to Doctoral Degree Program, Division of Health Sciences, Osaka University Graduate School of Medicine

Access

[By bus]

Hankyu Bus: Take a bus bound for Handai-honbu-mae or Ibaraki-Mihogaoka from Senri Chuo and get off at Handai-honbu-mae.

Kintetsu Bus: Take a bus bound for Handai-honbu-mae from Ibaraki-shi Station of Hankyu Railway and get off at Handai-honbu-mae (via JR Ibaraki Station).

The examination venue is about a 5-minute walk from Handai-honbu-mae bus stop.

[By Osaka Monorail]

Get off at Handai-byoin-mae Station. The examination venue is about a 15-minute walk to the west from the station.

[By train]

Get off at Kitasenri Station on the Hankyu Railway Senri Line. The examination venue is about a 25-minute walk to the east from the station.

Campus Map



- ① Medical School, Faculty of Medicine
- ② School of Allied Health Sciences, Faculty of Medicine
- ③ Osaka University Hospital
- ④ Life Sciences Library
- ⑤ Icho Kaikan

<Advance Notice>

The selection method for the entrance examination of the Division of Health Sciences, Osaka University Graduate School of Medicine for enrollment in FY2025 will be changed as follows. (Entrance examination will be conducted in FY2024)
For more information, please check the website of the Division of Health Sciences, Osaka University Graduate School of Medicine. <https://sahswww.med.osaka-u.ac.jp/jpn/admissions/doc/graduate-ex/2025-henkou-kouki.pdf>

Contact:

Educational Affairs Section, Osaka University
Graduate School of Medicine

1-7 Yamadaoka, Suita, Osaka 565-0871, Japan

Phone: 06-6879-2512

E-mail: i-hoken-kyomu@office.osaka-u.ac.jp

Outline of Doctoral Degree Program
Division of Health Sciences
Osaka University Graduate School of Medicine

1. Admission Policy of the Division of Health Sciences

[Students sought]

The aim of the doctoral degree program is to nurture researchers with global knowledge and international leadership in the field of health and medical sciences. We seek individuals with a multifaceted perspective, the ability to live up to the expectations of not only the medical community but also industry at large, and the enthusiasm to act globally to contribute to health and welfare in the future, as shown below.

- (1) Individuals who can contribute to people's health and welfare through research in the field of health and medical care with high ethical standards
- (2) Individuals who are passionate about developing new medical technologies and elucidating life phenomena
- (3) Individuals with the ability to open up new fields of study based on exploratory research
- (4) Individuals with the ability to go beyond their own field of specialization and develop new areas of study through fusion with different disciplinary fields
- (5) Individuals with a high level of language proficiency and a multifaceted viewpoint
- (6) Individuals with good communication skills and leadership qualities

Basic Applicant Selection Policy

We will select applicants with the above-mentioned abilities and qualities through a written examination and an interview.

Methods to Evaluate Applicants' Qualities and Abilities

The qualities and abilities specified in (2) to (5) are evaluated through a written examination and an interview in which applicants are required to make a presentation of their past research and answer questions from examiners about the presentation.

The qualities and abilities specified in (1) and (6) are evaluated through the documents submitted by the applicant, and an interview.

2. Doctoral Degree Program

The Division of Health Sciences of Osaka University Graduate School of Medicine offers a two-year master's degree program and a three-year doctoral degree program.

The purpose of the master's degree program is to provide students with in-depth academic expertise based on a broad perspective and to cultivate research skills in the fields of integrated health and nursing science and medical technology and science, or advanced skills necessary for highly professional careers.

The purpose of the doctoral degree program is to cultivate the advanced research skills necessary to independently conduct research or engage in other highly specialized work as a researcher in the fields of integrated health and nursing science and medical technology science, backed by profound academic expertise.

If you wish, you can take an education and research course to train professionals and researchers specialized in cancer care (Gan-Pro Course), which started in FY2007. This is an educational program established by MEXT as part of the "measures to train medical professionals with specialized knowledge and skills in cancer treatment" stipulated in Article 14 of the Cancer Control Act that was enacted in 2006 to improve the treatment of cancer in Japan. This program was once finished in 2021 and will start again in 2023, if our plan will be adopted by MEXT. The Division of Health Sciences of Osaka University Graduate School of Medicine offers medical physics course. If you wish to take this course, you are

required to study under a specialized curriculum separate from the regular curriculum. You can also choose to study in the medical physicist training course after enrollment.

* If you wish to take the Gan-Pro Course, make sure to contact the relevant professor in charge shown below before applying for admission.

Medical Physics: Professor NISHIO Teiji (nishio@sahs.med.osaka-u.ac.jp)

Starting from AY2022, the Division of Health Sciences also offers a program to train researchers who aim to become a trainer for clinical engineers. This program is designed to nurture experts in clinical engineering who can serve as a trainer for clinical engineers in response to the shortage of such trainers, thereby meeting the future needs of medical care. For more information, please visit the website of the “Program to Nurture Trainers for Clinical Engineers” at <https://sahswww.med.osaka-u.ac.jp/jpn/admissions/rinsho-kougakugishi-program.html>. If you are interested in this program, please contact the professor in charge shown below before applying for admission.

Program Director: Professor UENO Takayoshi (uenotm@sahs.med.osaka-u.ac.jp)

(1) Emphasis on recurrent education

Recognizing the importance of continuing studies to enhance the job skills of working students, we help these students balance their social roles with studies at the Division of Health Sciences with: the Long-term Study System; classes and research guidance offered in the evening, on holidays, and during summer and winter vacations; and information networks. Course plans for working students will be developed in consultation with their supervisors.

(2) Requirements for completion

- To complete the doctoral degree program, students must be enrolled in the doctoral degree program for at least three years, earn the prescribed number of credits in the course subjects, receive the necessary research guidance and pass the doctoral dissertation review and final examination.

However, students with exceptional research performance may complete the doctoral degree program if the period of enrollment in the doctoral degree program, combined with the two years of enrollment in the master’s degree program, totals three years or more, subject to the approval of the Faculty Meeting of the Graduate School of Medicine.

- Number of credits to be earned

- Lecture (special lecture) by the supervisor: Required subject with two credits
- Lecture designated by the supervisor: Elective required subjects with two or more credits
(Six or more credits in case of the Program to Nurture Trainers for Clinical Engineers)
- Seminar (special seminar) by the supervisor: Required subject with two credits
- Special research: Required subject with four credits

(3) Conferral of a doctoral degree

Upon completion of the doctoral degree program, students are conferred a doctoral degree in health science or science in nursing under the Academic Degree Regulations (Ministry of Education Regulations No. 9, 1953).

別表. 指導教員の研究領域・願書記載時略称一覧(博士後期課程)

Appendix "List of Research Areas of Supervisors and Abbreviations for Application Form"

研究テーマ・連絡先は、大阪大学医学系研究科保健学専攻HP 研究室・部門 のページをご覧ください。

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保健学研究プログラム / Division of Health Sciences

*AN:Adult Nursing, MC: Maternity and Child, HP:Health Promotion, R:Radiology, LS:Laboratory Science

分野 Area	研究領域 [研究室名] Department [Research Field]	研究領域 (願書記載時) Department (At the time of application)	氏名 Chief	研究内容 Research content
A r e a o f I n t e g r a t e d H e a l t h a n d N u r s i n g S c i e n c e	看護実践開発科学 1 [周手術期管理学研究室]	看 1	上野 高義	手術前から術後までのQOL向上に結び付く新たな看護管理スキルの創出
	Department of Evidence-Based Clinical Nursing 1 [Perioperative Care]	AN1	UENO Takayoshi	Creation of novel perioperative management skills leading to QOL improvement
	看護実践開発科学 2 [急性期・緩和ケア学研究室]	看2	荒尾 晴恵	がん看護、緩和ケア、症状マネジメント、EOLケア、がんサバイバー支援、医療経済・経営に関する研究
	Department of Evidence-Based Clinical Nursing 2 [Critical and Palliative Care Nursing]	AN2	ARAO Harue	Cancer Nursing, Palliative care, Symptom management, End of Life care, Cancer survivor ship
	看護実践開発科学 3 [慢性疾患看護学研究室]	看3	清水 安子	慢性疾患患者のセルフケア支援や看護システムに関する研究
	Department of Evidence-Based Clinical Nursing 3 [Nursing of Chronic Illness]	AN3	SHIMIZU Yasuko	Self-care support and nursing systems for people with chronic illness
	看護実践開発科学 4 [精神保健看護学研究室]	看4	武用 百子	ストレス（精神看護）に関する研究、身体疾患をもつ患者、の心の健康に関する研究、看護師のアイデンティティ等看護管理に関する研究
	Department of Evidence-Based Clinical Nursing 4 [Psychiatric and Mental Health Nursing]	AN4	BUYO Momoko	Research on mental health nursing, research on mental health of patients with physical illness, and research on nursing management such as nurses' identities
	看護実践開発科学 5 [老年看護学研究室]	看5	竹屋 泰	老年医学、老年看護学、医看連携、ICTを用いた多職種連携の中での看護師の役割
	Department of Evidence-Based Clinical Nursing 5 [Geriatric Nursing]	AN5	TAKEYA Yasushi	Geriatric medicine, geriatric nursing, Medicine-Nursing Cooperation, and the role of nurses in multidisciplinary collaboration using ICT
	生命育成看護科学 1 [小児・家族看護学研究室]	生1	山崎 あけみ	小児看護に関する研究、およびファミリーインタビュー・dyadic dataによる研究
	Department of Children's and Women's Health 1 [Child and Family Nursing]	MC1	YAMAZAKI Akemi	Pediatric nursing research, Family research by family interview/ dayadic data analysis.
	生命育成看護科学 2 [母性胎児科学研究室] [再生誘導医学協働研究所]	生2	遠藤 誠之	再生誘導医学の臨床応用と基礎的研究 子育てをしやすい社会を医療・文化・社会の視点から超域的に研究する
	Department of Children's and Women's Health 2 [Maternal Fetal Science] [StemRIM Institute of Regeneration-Inducing Medicine]	MC2	ENDO Masayuki	・ Clinical application and Basic research for Regeneration-Inducing Medicine ・ Super-regional research on medical, cultural, and social aspects of child rearing
	生命育成看護科学 3 [ウイメンズヘルス科学研究室]	生3	渡邊 浩子	妊孕世代の女性の健康支援、育児支援、次世代の健康確保に関する研究
	Department of Children's and Women's Health 3 [Women's Health Science]	MC3	WATANABE Hiroko	Health support for women of reproductive age and childbearing women/ Research on ensuring the health of the next generation
	総合ヘルスプロモーション科学 1 [公衆衛生看護学研究室]	総1	岡本 玲子	公衆衛生看護の技術開発と普及・評価 根拠に基づく保健事業・政策の実装科学
	Department of Health Promotion Science 1 [Public Health Nursing Science]	HP1	OKAMOTO Reiko	Public health nursing art and science development, dissemination, and evaluation. Implementation science of evidence-based health programs and policies.

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保健学研究プログラム／Division of Health Sciences

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A r e a o f I n t e g r a t e d H e a l t h a n d N u r s i n g S c i e n c e	総合ヘルスプロモーション科学2 [ヘルスプロモーション・システム科学研究室]	総2	神出 計	健康長寿の要因の探求、生活習慣病の予防・治療、在宅要介護高齢者のケアシステム
	Department of Health Promotion Science 2 [Health Promotion System Science]	HP2	KAMIDE Kei	Investigation for healthy longevity, Prevention for life-style related diseases, Home medical care for older adults
	総合ヘルスプロモーション科学3 [地域ヘルスケアシステム科学研究室]	総3	小西 かおる	地域在宅看護学領域におけるヘルスケアシステムの構築に関する研究
	Department of Health Promotion Science 3 [Science of Community Health Care System]	HP3	KONISHI Kaoru	Development of healthcare systems in community health nursing
	総合ヘルスプロモーション科学4 [看護管理学研究室]	総4	井上 智子	看護の質に係る技術・教育・現状分析
	Department of Health Promotion Science 4 [Nursing Administration]	HP4	INOUE Tomoko	Professional skills, education, and current analysis related to nursing quality
	総合ヘルスプロモーション科学5 [包括看護科学研究室]	総5	榊山 舞	生活習慣病の予防、健康に関わる社会要因の検討 保健事業の効果・評価に関する研究
	Department of Health Promotion Science 5 [Integrated General Nursing Science]	HP5	KABAYAMA Mai	Prevention of lifestyle-related diseases Investigation of social factors related to health Effectiveness and Evaluation of Health Services
	総合ヘルスプロモーション科学6 [公衆衛生看護学研究室]	総6	蔭山 正子 【高等共創研究院】	精神保健、親子保健、保健師の支援技術
	Department of Health Promotion Science 6 [Public Health Nursing Science]	HP6	KAGEYAMA Masako	Mental health,parent and child health, and public health nursing skills
A f f i l i a t e G r a d u a t e S c h o o l	先進医療・臨床試験科学 〈連絡教員：渡邊 幹夫〉	看6	調整中 【国立循環器病研究センター】	新規医療技術の評価方法としての臨床研究の立案、実施等に関する理論と技術を学ぶ
	Advanced Medicine and Clinical Trial Science	AN6	【National Cerebral and Cardiovascular Center Hospital】 under adjustment	Study on theories and techniques to plan and conduct clinical research as a method of evaluating new medical technologies
	多職種チーム医療に基づくがん医療学 〈連絡教員：神出 計〉	看7	調整中 【静岡県立静岡がんセンター】	医療情報に基づくがん医療支援に関する研究
	Cancer Care Based on Multi-professional Team Approach	AN7	【Shizuoka Cancer Center】 under adjustment	Cancer Patient Support Provided in Accordance with Medical Information
	がん統計・インフォマティクス 〈連絡教員：神出 計〉	看8	片野田 耕太 【国立がん研究センター】	がん統計情報の総合的な解析 がん対策の系統的かつ科学的評価
	Cancer Statistics & Informatics	AN8	【National Cancer Center】 KATANODA Kota	Comprehensive analysis of cancer statistical information Systematic and scientific evaluation of cancer control

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保健学研究プログラム／Division of Health Sciences

分野 Area	研究領域[研究室名] Department[Research Field]	研究領域(願書記載時) Department (At the time of application)	氏名 Chief	研究内容 Research content
Area of Medical Imaging Technology and Science	医療画像技術科学 1 [分子イメージング学研究室]	放1	福地 一樹	核医学、分子イメージングによる生体機能計測、画像化技術に関する研究
	Area of Medical Imaging Technology and Science 1 [Nuclear medicine and molecular imaging]	R1	FUKUCHI Kazuki	Measuring biology in cells, tissues, and living organisms using nuclear medicine technology.
	医療画像技術科学 2 [生体機能イメージング研究室]	放2	小山内 実	脳・神経系機能解明のためのマルチスケール・マルチモーダルイメージング
	Area of Medical Imaging Technology and Science 2 [Physiological Functional Imaging]	R2	OSANAI Makoto	Multiscale and multimodal imaging for unraveling the function expression mechanisms of brain and nervous system.
	医療画像技術科学 3 [医学物理学研究室]	放3	西尾 禎治	粒子線治療に関する医学物理学研究 線量計測システム・検証ソフトウェアの研究開発
	Area of Medical Imaging Technology and Science 3 [Medical Physics]	R3	NISHIO Teiji	Medical physics research and development on radiation detection and measurement system, imaging, and software in radiation therapy, especially particle therapy
	医療画像技術科学 4 [画像定量解析学研究室]	放4	調整中	
	Area of Medical Imaging Technology and Science 4 [Quantitative Imaging Analysis]	R4	under adjustment	
	医療画像技術科学 5 [医用光学研究室]	放5	近江 雅人	光断層イメージング (OCT) の開発と表皮下生体機能解析・皮膚科分野への応用研究
	Area of Medical Imaging Technology and Science 5 [Biomedical Optics]	R5	OHMI Masato	Study of gastrointestinal diseases using ultrasonography Basic and clinical research on gastrointestinal diseases
	医療画像技術科学 6 [病態超音波医学研究室]	放6	鎌田 佳宏	超音波検査を用いた消化器疾患の研究 消化器疾患の基礎・臨床研究
	Area of Medical Imaging Technology and Science 6 [Department of Advanced Metabolic Hepatology]	R6	KAMADA Yoshihiro	Research on digestive diseases using ultrasonography Basic and clinical research on digestive diseases
	医療画像技術科学 7 [画像科学技術研究室]	放7	石田 隆行	人工知能 (AI) ・高度画像処理の医療応用
	Area of Medical Imaging Technology and Science 7 [Image Science and Technology]	R7	ISHIDA Takayuki	Medical application of artificial intelligence(AI) and advanced image processing
Affiliate Graduate School	医療画像技術科学 8 (分子イメージング学) <連絡教員: 福地 一樹>	放8	調整中 【国立循環器病研究センター】	
	Area of Medical Imaging Technology and Science 8	R8	【National Cerebral and Cardiovascular Center Hospital】 under adjustment	
	医療画像技術科学 9 (粒子線治療学) <連絡教員: 小泉 雅彦>	放9	沖本 智昭 赤城 卓 【兵庫県立粒子線医療センター】	粒子線治療の臨床研究 治療装置の運用効率化に関する物理学研究
	Area of Medical Imaging Technology and Science 9 (Particle Therapy)	R9	【Hyogo Ion Beam Medical Center】 OKIMOTO Tomoaki AKAGI Takashi	Research and development of heavy ion and proton beam therapy physics and biophysics
	医療画像技術科学 10 (粒子線治療学) <連絡教員: 西尾 禎治>	放10	金井 達明 【大阪重粒子線センター】	粒子線 (炭素イオン) 治療の物理学、及び、生物物理学研究
	Area of Medical Imaging Technology and Science 10	R10	【Osaka Heavy Ion Therapy Center】 KANAI Tatsuki	Research and development of heavy ion beam therapy physics and radiobiology
	多職種チーム医療に基づくがん医療学 <連絡教員: 神出 計>	放11	調整中 【静岡県立静岡がんセンター】	医療情報に基づくがん医療支援に関する研究
Cancer Care Based on Multi-professional Team Approach	R11	【Shizuoka Cancer Center】 under adjustment	Cancer Patient Support Provided in Accordance with Medical Information	

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A r e a o f M e d i c a l L a b o r a t o r y S c i e n c e a n d T e c h n o l o g y	医療検査技術科学 1 [心血管代謝学研究室]	検1	木原 進士	心筋梗塞や脳梗塞の予防につながる新たな診断法の開発をめざした動脈硬化の研究
	Area of Medical Laboratory Science and Technology 1 [Cardiovascular Metabolism]	LS1	KIHARA Shinji	Research on arteriosclerosis to develop new diagnostic methods for the prevention of myocardial infarction and cerebral infarction.
	医療検査技術科学 2 [臨床神経生理学研究室]	検2	高橋 正紀	中枢神経・骨格筋の生理・病態・臨床研究、イオンチャネルの生物物理学的研究
	Area of Medical Laboratory Science and Technology 2 [Clinical Neurophysiology]	LS2	TAKAHASHI Masanori	Pathophysiological and clinical research of the central nervous system and skeletal muscle. Biophysical studies of ion channels.
	医療検査技術科学 3 [分子病原微生物学研究室]	検3	岡本 成史	病原微生物の新たな病原因子の検索 細菌叢の構成変化と疾患発症リスクとの関連
	Area of Medical Laboratory Science and Technology 3 [Molecular Medical Microbiology]	LS3	OKAMOTO Shigefumi	Study for new virulence factors in pathogenic microorganisms. Relationship between dysbiosis of microbiome and the risk of diseases.
	医療検査技術科学 4 [分子生化学研究室]	検4	三善 英知	疾患関連糖鎖の機能解析 糖鎖バイオマーカーの開発
	Area of Medical Laboratory Science and Technology 4 [Department of Molecular Biochemistry & Clinical Investigation]	LS4	MIYOSHI Eiji	Functional analyses of disease-related glycosylation. Development of assay system for novel glyco-biomarkers.
	医療検査技術科学 5 [再生発生医学研究室]	検5	辻川 元一	眼の再生医療の開発と発生の研究眼科疾患の病態の遺伝学的検討
	Area of Medical Laboratory Science and Technology 5 [Development and Regenerative Medicine]	LS5	TSUJIKAWA Motokazu	Development of cancer immunotherapy and molecular-targeted therapy based on WT1 research in leukemia and solid tumors
	医療検査技術科学 6 [免疫造血制御学研究室]	検6	尾路 祐介	白血病や固形癌におけるWT1遺伝子研究に基づく癌免疫治療および分子標的治療の開発
	Area of Medical Laboratory Science and Technology 6 [Immuno-Oncology and Hematology]	LS6	OJI Yusuke	Development of cancer immunotherapy and molecular-targeted therapy based on WT1 research in leukemia and solid tumors
	医療検査技術科学 7 [分子病理学教室]	検7	山本 浩文	分子生物学的な手法を用いた癌に対する診断・治療に関する研究
	Area of Medical Laboratory Science and Technology 7 [Molecular Pathology]	LS7	YAMAMOTO Hirofumi	Research on diagnosis and therapy for cancer by the molecular biological methods.
医療検査技術科学 8 [予防診断学研究室]	検8	渡邊 幹夫	ゲノム・エピゲノム情報を応用した病態寄与因子の解明と臨床検査への応用	
Area of Medical Laboratory Science and Technology 8 [Preventive Diagnostics]	LS8	WATANABE Mikio	Clarification of factors contributing to pathological conditions using genomic and epigenomic information and their clinical application.	

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A r e a o f M e d i c a l L a b o r a t o r y S c i e n c e a n d T e c h n o l o g y	医療検査技術科学 9 (睡眠医学) 〈連絡教員: 高橋 正紀〉	検9	立花 直子 【関西電力医学研究所】	睡眠関連疾患に対する睡眠・覚醒モニタリングの研究
	Area of Medical Laboratory Science and Technology 9 (Sleep Medicine)	LS9	【Kansai Electric Power Medical Research Institute】 TACHIBANANA Naoko	Research on sleep and wake monitoring for sleep-related disorders
	先進医療・臨床試験科学 〈連絡教員: 渡邊 幹夫〉	検10	調整中 【国立循環器病研究センター】	
	Advanced Medicine and Clinical Trial Science	LS10	【National Cerebral and Cardiovascular Center Hospital】 under adjustment	
	がん統計・インフォマティクス 〈連絡教員: 神出 計〉	検11	片野田 耕太 【国立がん研究センター】	がん統計情報の総合的な解析 がん対策の系統的かつ科学的評価
	Cancer Statistics & Informatics	LS11	【National Cancer Center】 KATANODA Kota	Comprehensive analysis of cancer statistical information Systematic and scientific evaluation of cancer control
	多職種チーム医療に基づくがん医療学 〈連絡教員: 神出 計〉	検12	調整中 【静岡県立静岡がんセンター】	医療情報に基づくがん医療支援に関する研究
	Cancer Care Based on Multi-professional Team Approach	LS12	【Shizuoka Cancer Center】 under adjustment	Cancer Patient Support Provided in Accordance with Medical Information
	代謝可視化応用学 1 〈連絡教員: 辻川 元一〉	検13	新谷 泰範 【国立循環器病センター】	ミトコンドリア (チトクロムCオキシダーゼ) の活性化メカニズムの解明と応用研究
	Visualization and Applied Studies of Metabolism 1	LS13	【National Cerebral and Cardiovascular Center Hospital】 SHINTANI Yasunori	Modulation of cytochrome c oxidase activity in mitochondria and its application
代謝可視化応用学 2 〈連絡教員: 辻川 元一〉	検14	山本 正道 【国立循環器病センター】	マウス生体内のATP動態可視化技術による代謝解析の応用研究	
Visualization and Applied Studies of Metabolism 2	LS14	【National Cerebral and Cardiovascular Center Hospital】 YAMAMOTO Masamichi	Visualizing ATP dynamics in live mice and its application	

臨床工学技士指導者育成プログラム/Leader training program in clinical engineering

分野 Area	研究領域[研究室名] Department[Research Field]	研究領域(願書記載時) Department (At the time of application)	氏名 Chief	研究内容 Research content
看 護 合 科 保 健	看護実践開発科学 9	看9	上野 高義	臨床工学に基づいた実臨床に結び付く技術の開発
	Department of Evidence-Based Clinical Nursing 9	AN9	UENO Takayoshi	Development of new technology based on clinical engineering
技 術 療 科 画 像	医療画像技術科学 1 2	放12	近江 雅人	臨床工学に基づいた実臨床に結び付く技術の開発
	Area of Medical Imaging Technology and Science 12	R12	OHMI Masato	Development of new technology based on clinical engineering
技 術 療 科 検 査	医療検査技術科学 1 5	検15	三善 英知	臨床工学に基づいた実臨床に結び付く技術の開発
	Area of Medical Laboratory Science and Technology 15	LS15	MIYOSHI Eiji	Development of new technology based on clinical engineering

※「選考中」・「調整中」の領域については、指導教員未定のため記載できません。
※Areas marked "under adjustment" cannot be listed because the supervisor has not yet been determined.