**ACADEMIC YEAR 2027**

# Application Guide for Admission to the Master's Course

GRADUATE SCHOOL OF MEDICINE, DENTISTRY AND PHARMACEUTICAL SCIENCES

OKAYAMA UNIVERSITY

OFFICE IN CHARGE:
Graduate School Office, Student Affairs Division, Administration Department,
Medical Sciences Administration Department,
Okayama University
Address: 2-5-1, Shikata-cho, Kita-ku, Okayama, 700-8558, Japan
Phone: 086-235-7986 or 7996
Website: https://www.mdps.okayama-u.ac.jp/en/

## CONTENTS

## Admission Policy



### Inquiries about the entrance examination


Graduate School Office, Student Affairs Division, Administration Department,
Medical Sciences Administration Department,
Okayama University

Address: 2-5-1, Shikata-cho, Kita-ku, Okayama, 700-8558, Japan
Phone: 086-235-7986 or 7996


The application guide for admission will not be distributed in printed form. Please download the application guide and application documents from the website. If you are unable to download or print the documents, please contact the office mentioned above.

# [Admission Policy]

## ➢ Medical and Dental Sciences Degree Program

This program is open to students from any major field of study in any undergraduate school/faculty, whether humanities or science, in order to develop highly skilled professionals equipped with multiple perspectives. The program seeks students who:

- have acquired the knowledge, skills, and attitudes appropriate to a bachelor's degree, in accordance with the expertise of their respective undergraduate school/faculty;
- have a firm intention to gain a thorough knowledge of medicine and dentistry in addition to building on the expertise they have developed through their undergraduate studies and/or professional experience, thereby going out into the world as highly skilled professionals as envisioned in the degree policy;
- have the ability to comprehensively acquire knowledge, skills, and attitudes by learning medicine and dentistry as practical sciences and persistently conducting advanced research on their own;
- are able to build relationships of trust with people around them in their effort to acquire knowledge, skills, and attitudes and achieve independence and self-realization; and
- in addition, are able to understand the historical background where interdisciplinarity and internationality have become essential elements in achieving independence and self-realization, and put such understanding into practice.

## ➢ Master of Public Health Degree Program

With a view to nurturing health, medical, dental health and welfare professionals who contribute to a community with a researcher's mind, this program, in principle, seeks students with a medical background, more specifically students who:

- have acquired specialized knowledge in a medical-related undergraduate school/faculty and possess work experience in the medical field;
- have a firm intention to gain thorough knowledge of public health in this master's course in addition to the preceding item, thereby going out into the world as highly skilled professionals as envisioned in the degree policy;
- have the ability to comprehensively acquire knowledge, skills, and attitudes by learning public health as a practical science and persistently conducting advanced research on their own;
- are able to build relationships of trust with people around them in their effort to acquire knowledge, skills, and attitudes and achieve independence and self-realization; and
- in addition, are able to understand the historical background where interdisciplinarity and internationality have become essential elements in achieving independence and self-realization, and put such understanding into practice.

**Basic policy for selection of entrants**

The program conducts entrance examinations twice a year: summer and winter, for successful applicants to enroll in April.

- Japanese applicants

  Applicants must undergo written and oral examinations, and an interview (for Working Professionals Course applicants only). In the interview, multiple faculty members will comprehensively evaluate the applicant's professional experience, motivation, and reasons for applying, taking into consideration their achievements and enthusiasm gained through work or other activities. Based on simple English questions in the field of medical and dental sciences, the written examination is designed to comprehensively assess applicants' abilities, including not only English language proficiency, but also bachelor's-level general knowledge, comprehension of logical structures, and the ability to express oneself in Japanese. In the oral examination, faculty members of the desired field of study will assess the applicant's career plans, level of desire to enroll in the program, expertise acquired in the undergraduate program, and personal credibility.

- International applicants

Applicants must undergo an interview, and a written and oral examination. In the interview, several faculty members will assess the candidate's expertise acquired in their undergraduate program, career plans, cross-cultural adaptability, and financial situation. For applicants to the Working Professionals Course, their professional experience, motivation, and reasons for applying will also be taken into consideration. In the written examination, the applicant's ability to comprehend logical structures and writing abilities are assessed comprehensively based on the answers to questions presented in English or Japanese. The oral examination is assessed in the same manner as for Japanese applicants.

**Corresponding table of the 3 elements of academic ability**

| Examination category | Knowledge and skills | | Ability to think, make judgments, and express oneself | | Attitude to learning both independently and while collaborating with diverse people | |
|---|---|---|---|---|---|---|
| Japanese Applicants | ☆ | Interview (for Working Professionals Course applicants only)<br>Oral examination (Specialized subjects) | ◎ | English | ☆ | Oral examination (Specialized subjects) |
| International Applicants | ☆ | Interview<br>Results of external certification exams in Japanese or English proficiency<br>Oral examination (Specialized subjects) | ◎ | English or Japanese | ☆ | Interview<br>Oral examination (Specialized subjects) |

Notes: ◎ Element particularly emphasized; ☆ Element comprehensively assessed
Materials related to each element serve as key sources in assessing the element concerned but may also be used for other elements.

**Enrolling students are expected to learn the following content prior to enrollment**

Enrolling students are expected to improve their English language skills. Also, they are expected to acquire more knowledge and skills in specialized areas required in the relevant field. To promote their research activities smoothly, it is necessary to further deepen their expertise after they have passed the entrance examination.

## 1. Enrollment Capacity

| Major | Program | Number Recruited |
|---|---|---|
| Medical and Dental Sciences | Medical and Dental Sciences Degree Program【General Course】<br>Medical and Dental Sciences Degree Program【Working Professional Course】<br>Master of Public Health (MPH) Degree Program | 20 |

*The number of students to be accepted is the combined total for Master's course, not the individual number for the Medical and Dental Sciences Degree Program【General Course】【Working Professional Course】and Master of Public Health (MPH) Degree Program respectively.

*Please select the desired program (or course, in the case of the Medical and Dental Sciences Degree Program) at the time you apply for admission.

## 2. Admission Schedule

| | First Examination Round | Second Examination Round |
|---|---|---|
| Application Period | Friday, July 10 to<br>Friday, July 24, 2026 | Tuesday, December 1 to<br>Tuesday, December 15, 2026 |
| Examination Dates | (Japanese applicants)<br>Wednesday, August 19, 2025 | (Japanese applicants)<br>Wednesday, January 21, 2026 |
| | (Non-Japanese applicants and Working Professionals Course applicants)<br>Tuesday, August 18, 2026<br>Wednesday, August 19, 2026 | (Non-Japanese applicants and Working Professionals Course applicants)<br>Tuesday, January 19, 2027<br>Wednesday, January 20, 2027 |
| Announcement of Results | Friday, September 4, 2026 | Friday, February 19, 2027 |

## 3. Requirements for Application

Those who meet or are expected to meet any of the following requirements (1) through (11) by March 2027 are eligible to apply. However, applicants for the Medical and Dental Sciences Degree Program (Working Professional Course) must fall under one of the categories listed in (1) through (11), or be expected to do so by March 2027, and must also meet the criteria in (12).

(1) Has graduated from a 4-year college/university.
(2) Has received a bachelor's degree in accordance with Clause 4, Article 104 of the School Education Act of Japan (Act No. 26 of 1947).
(3) Has completed a formal education curriculum of 16 years overseas.
(4) Has been enrolled in a distance-learning program offered by schools outside Japan while living in Japan, thereby completing the formal education curriculum of 16 years of the country in which the school is located
(5) Has completed a program offered by an educational institute in Japan that is accredited by the formal educational system of a foreign country as a provider of the country's college curriculum (limited to those in which graduates of the institute will be approved as having completed a formal education curriculum of 16 years in the relevant country) and designated elsewhere by the Minister of Education, Culture, Sports, Science and Technology of Japan
(6) Has been awarded a bachelor's degree or its equivalent by completing a program at a non-Japanese college/university or other non-Japanese educational institute (of which the overall status of education and research activities is assessed by personnel approved by the government or the relevant authority of the country in which the institute is located, or is designated as an equivalent of such elsewhere by the Minister of Education, Culture, Sports, Science and Technology of Japan) requiring enrollment of three years or more (Including cases where such program is completed by enrolling in distance-learning courses offered by such educational institutes, or where such program is completed at an educational facility that is situated within the formal education system of the given country and is designated as described in (5))
(7) Has completed a postsecondary course at a specialized training college specified elsewhere by the

Minister of Education, Culture, Sports, Science and Technology of Japan (which satisfies standards set by the Minister of Education, Culture, Sports, Science and Technology of Japan, including the requirement of enrollment of four years or longer) on a date specified by the Minister of Education, Culture, Sports, Science and Technology of Japan or later

(8) Is designated by the Minister of Education, Culture, Sports, Science and Technology of Japan (Notice No. 5 of the Ministry of Education, 1953)

(9) Has enrolled in a graduate school based on the rules set forth by Clause 2, Article 102 of the School Education Act of Japan and has been approved as possessing the academic capacity required to receive education at a graduate school

(10) Has been recognized as having an academic capacity equivalent to or exceeding a college graduate through an individual preliminary review to determine entrance qualification at a graduate school and is at least 22 years old

(11) Has attended a college/university for at least three years (including those recognized by the Minister of Education, Culture, Sports, Science and Technology of Japan as an equivalent) and is recognized as having acquired the credits specified by the graduate school, with outstanding academic grades

(12) Applicants who, at the time of admission, are employed by a government agency, educational institution, company, hospital in Japan, have at least two years of work experience, and will continue to hold that position after enrollment

Note 1: Those expected to satisfy 3-(2) by March 2025 must be able to satisfy one of the following two conditions.

(i) Can submit a Certificate of Receipt of an Application for Degree Conferral issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education (NIAD-QE); or

(ii) Is enrolled in an advanced course recognized as satisfying the conditions set by the NIAD-QE in accordance with Clause 1, Article 6 of the Regulation of Diploma (Notice No. 9 of the Ministry of Education, 1953,) and the president of the junior college or the headmaster of the college of technology where the candidate is currently attending can verify that the candidate is expected to complete the course and apply for a Bachelor's degree.

Note 2: Those fall under 3-(9) to (11) will be required to take an individual preliminary review of application qualification prior to applying.

Note 3: Those recognized by the Minister of Education, Culture, Sports, Science and Technology of Japan as an equivalent" as specified in 3-(11) above must satisfy one of the following three conditions.

(i) Has completed 15 years of formal education in a country other than Japan

(ii) Has been enrolled in a distance-learning program offered by schools in a country other than Japan while living in Japan, thereby completing 15 years of the formal education curriculum of the country in which the school is located

(iii) Has completed a program offered by an educational institute in Japan that is accredited by the formal education system of a foreign country as a provider of the country's college curriculum (limited to those in which graduates of the institute will be recognized as having completed a formal education curriculum of 15 years in the country) and designated elsewhere by the Minister of Education, Culture, Sports, Science and Technology of Japan

## 4. Individual Review of Eligibility Indicated in "3. Who Can Apply"

Applicants who fall under (9) to (11) of "3. Who Can Apply" above will be individually assessed to verify their eligibility prior to application. Those applicable should refer to the *Guidelines for the Procedures for the Preliminary Review of Application Qualification* on Page 9 and submit necessary documents before the set deadline.

## 5. Application by Individuals with Disabilities

Applicants with disabilities must consult with the university before applying, as special consideration may be necessary during the entrance examination and/or enrollment.
Considering the time required to notify you of the outcomes of your consultation and/or to make reasonable accommodations based on a request and/or need, please consult the university as early as possible.

| | First Examination Round | Second Examination Round |
|---|---|---|
| Consultation Deadline | Friday, June 5, 2026 | Tuesday, November 10, 2026 |
| How to Consult | Request for a Pre-application Consultation Form. Fill out the form, attach a physician's medical certificate and a photocopy of your Disability Certificate "*Shogaisha Techo*" (required only if you are issued one) when seeking consultation. | |
| Contact | Request necessary documents and consult with the representative specified as the person to whom application documents should be addressed in 6-(3). | |

## 6. Application Procedures

(1) How to Apply

Applicants should carefully read the Important Notices and submit the documents required for application as in 6-(5) during the application period. Documents may be submitted directly or sent by registered express mail to the address provided in 6-(3) to ensure they arrive no later than the set deadline.

Designated forms for *the Preliminary Review of Application Qualification* are downloadable from the following URL.

【https://www.mdps.okayama-u.ac.jp/en/admission/masterscourse/entrance-examination/】

(2) Application period: Documents must arrive during the following period.

| First Examination Round | Second Examination Round |
|---|---|
| Friday, July 10 to<br>Friday, July 24, 2026 | Tuesday, December 1 to<br>Tuesday, December 15, 2026 |

For those bringing application documents directly to the university, application can be received between 9 AM and 5 PM (excluding weekends and national holidays).

Application documents submitted by post must arrive no later than the deadlines shown above; therefore, be sure to post them with enough time for delivery. You will not be allowed to submit part of the application documents before the deadline and the rest after the deadline.

Write "Application Documents for the Graduate School for Medicine, Dentistry and Pharmaceutical Sciences (Master's Course)" on the front of the envelope in red and be sure to confirm the expected delivery date/time before sending them.

(3) Where to Submit Application Documents

Graduate School Office, Student Affairs Division, Administration Department,
Medical Sciences Administration Department, Okayama University
(1st Floor, Administration Building, Shikata Campus)
2-5-1 Shikatacho, Kita-ku, Okayama, Okayama, 700-8558 Japan
Phone: +81-86-235-7986 or 7996

(4) Important Notice

(i) **You must meet with or contact the supervising professor in your department of interest before applying to discuss the research activities and studies you would be engaged in upon enrollment and post-completion career plans.**
If you are interested in the Master of Public Health (MPH) Degree Program, consult with individuals in the Department of Epidemiology, Department of Public Health or Department of Preventive Dentistry.

(ii) Any application document written in a non-English language must be accompanied by a Japanese translation.

(iii) Once submitted, no changes can be made to the application documents.

(iv) No application document can be returned to the applicant after submission for any reason.

(v) Applications will not be accepted if any document is incomplete and/or the examination fee is not fully paid in time.

(vi) If your application documents are found to contain false information, acceptance to the

graduate school may be revoked even after enrollment.

(vii) Certificates showing former family names and given names (e.g., maiden names) that are different from the names written on the Application Form may be used. In such cases, however, you must attach a document (of any format) that shows the date of the name change and both your current and former names written by the applicant himself/herself.

(5) Documents Required for Application

| Documents Required for Application | Notes |
|---|---|
| (i) Application form<br>- examination ticket and photo ticket for examination | Download the specified forms from the Graduate School website. The applicants themselves must fill out the form provided by the graduate school. Make sure to include your phone number and E-mail which we can reach you, and set up your E-mail to receive the emails (@adm.okayama-u.ac.jp) from Okayama University. |
| (ii) Photograph | Within the space designated on your *Photo Ticket* for examination, affix a color photograph of yourself measuring 4 cm high by 3 cm wide that includes your face and upper body facing forward with no hat or cap worn, taken within three months before application. Be sure to write your name and the name of the department for which you are applying on the back of the photograph before affixing it to the *Photo Ticket*.<br>*Please do not edit your photo in a way that makes it difficult to verify your identity. |
| (iii) Examination fee | 30,000 yen (A remittance fee will be required separately.)<br>Pay your examination fee in accordance with the Annex, *Paying for Entrance Examination Fees*. After payment is confirmed, print out the *Certificate of Entrance Examination Fee Payment* and affix it to the designated space on your Application Form for submission.<br>Online payment can be made one month before the start of the application period.<br>[Examination Fee Refunds]<br>Paid examination fees will not be refunded for any reason other than those stipulated below.<br>(a) The examination fee was paid but no application was made (i.e., no application documents were submitted, or the application was not received);<br>(b) The examination fee was accidently paid twice; or<br>(c) The examination fee was paid by those who meet the condition below due to difficulty in submitting the necessary certificate issued by local government within the submission period.<br>[Examination Fee Exemption]<br>Okayama University has a special examination fee exemption system designed to lessen the financial burdens for those afflicted by disasters that have become eligible under the Disaster Relief Act in or after April 2025, and to ensure they have opportunities to receive further education. Please refer to the *Examination Fee Exemption Procedure Guide* on the university website at https://www.okayama-u.ac.jp/tp/admission/menjo.html |

| | |
|---|---|
| (iv) Certificate of Graduation (or Certificate of Expected Graduation) | Submit a certificate issued by the president/dean of the college/university from which you have graduated or are expected to graduate. (This is not the original diploma that was given to you at the time of graduation ceremony, commencement, etc. This applies to international students as well.)<br>*If you have completed your undergraduate or graduate studies in China, you must submit the documents indicated in (xii). (Those who are expected to graduate should submit a certificate issued by the president/dean of the school where they are currently enrolled.) |
| (v) Academic transcript | Submit a transcript issued by the president/dean of the college/university from which you have graduated or are expected to graduate.<br>If you have transferred to a college/university in Japan from overseas, submit the transcript from your previous school as well.<br>*If you have completed your undergraduate or graduate studies in China, you must submit the documents indicated in (xii). (Those who are expected to graduate should submit a transcript issued by the president/dean of the school where they are currently enrolled.) |
| (vi) Envelope for the university to send your examination ticket to you | Clearly write the address you would like to have your examination ticket sent to (i.e., name, address and postal code of the applicant) and affix 410 yen-worth of postal stamps on the front of an envelope measuring 120 mm wide by 235 mm high (Nagagata #3).<br>Those currently reside outside Japan do not need to prepare the envelope and the stamp. |
| (vii) Address Sticker | These will be used by the university to send your letter of acceptance and the documents for enrollment procedures.<br>Please provide an address where these documents can be received without fail on the day of results announcement and when the documents for enrollment procedures are sent. |
| (viii) Permission to apply<br>*Applicants for the Working Professional Course must submit this form. | Any format, besides the prescribed form, is acceptable as long as all the required items are included.<br>Applicants working in public offices, companies, hospitals or other entities at the time of application and who will continue to be employed at those places after enrollment must submit this document. (If your workplace will change after enrollment, this document is not required.) |
| <Non-Japanese/English applicants only><br>(ix) Proof of language ability* | Applicant must consult with a supervising professor of your desired department and submit an official certificate/statement of score of language proficiency that meets the requirement specified below.<br><Japanese language proficiency><br>N2 or above of Japanese Language Proficiency Test (JLPT)<br><English language proficiency><br>English test score equivalent to CEFR* B2 level or above<br>*CEFR: The Common European Framework of Reference<br>NOTE:<br>Those taking the first round of examination must submit the score certificate of the test taken after August 19, 2024, and those taking the second round must submit the score certificate of the test taken after January 20, 2025. |
| <Non-Japanese applicants only><br>(x) Certificate of Residence | Foreigners currently residing in Japan must submit their Certificate of Residence issued by the mayor of their municipality of residence (which clearly shows the individual's residency status and valid period of stay).<br>If an applicant is not residing in Japan at the time of his/her application, a copy of his/her valid visa for the examination must be submitted. |
| <Non-Japanese applicants only><br>(xi) Copy of Passport | Please submit a copy of the page in your passport that shows your name, date of birth, etc. |

(xii) <Applies only to the applicants who have graduated from an undergraduate or graduate school in China>

**Credentials Report of Degree in English**, **Verification Report of Qualification Certificate in English** and **Verification Report of Academic Transcript in English** issued by the China Higher Education Student Information (CHSI) must be submitted. Note that **only reports sent directly from CHSI to Okayama University** will be accepted.

Those who have completed (or are expected to complete) master's course in China must submit these documents for **both undergraduate and graduate schools.**

[How to request these documents]

CHSI website: (Chinese) https://www.chsi.com.cn/xlcx/rhsq.jsp
(Japanese) http://www.chsi.jp/shinseikojin.html

*ATTENTION:

- Before applying, be sure to read the latest information provided on the CHSI website thoroughly.
- Make sure to have verification reports **sent directly** to the e-mail address of the Graduate School Office (kdf7986@adm.okayama-u.ac.jp) or **mailed directly** to "6-(3) where to submit". Documents submitted to Okayama University by the applicants themselves shall not be accepted.
- Confirm the number of days required for issuance of the report with the issuing institution to allow enough time for submission of all the required documents in time of the application period.

*If any discrepancies are found during the comparison of your passport photo with the submitted photo, or during photo verification at the time of the exam, we may refuse to accept your application, request that you resubmit a photo, ask you to present identification, or ask you questions.

[In addition to the above, submission of other certificates may be requested when necessary.]

*If the main language you are using in your home country is English or if you are a graduate of a four-year college in Japan (or are expected to graduate) and you are unable to submit proof of your language abilities stipulated in (ix), please contact the office indicated in 6-(3) by Friday, June 5, 2026 for the first examination round, and by Tuesday, November 10, 2026 for the second examination round.

(6) Purpose of Use of Personal Information

Submitted application documents and the personal information provided therein will be used for the purposes of work related to applicant selection.

Note, however, that if the applicant is accepted and becomes enrolled at Okayama University, his/her personal information including name, gender, date of birth, current address and educational history written on the application form will be registered in the academic affairs system as basic student information.

In addition, the examinee number and name (in *kanji* and *furigana*) of accepted applicants will be used in the tuition fee credit management system and the tuition exemption system of the university.

When an application for entrance fee exemption, entrance fee payment extension, tuition fee exemption, JASSO student loans or other financial support has been provided, the entrance examination scores and academic transcripts of the applicant may be used to make decisions on the academic capacity of the applicant required for financial support-related processes.

## 7. Issuance of Examination Tickets

(1) Examination tickets will be sent to applicants by post as indicated below. As for applicants living overseas, admission tickets will be sent by a secure email attachment.
If you do not receive your examination ticket by the expected delivery date, please notify the office indicated in 6-(3).

| | First Examination Round | Second Examination Round |
|---|---|---|
| Approximate Mailing Date | Friday, July 31, 2026 | Tuesday, January 5, 2027 |
| Expected Delivery Date | Wednesday, August 5, 2026 | Friday, January 8, 2027 |

(2) Please keep your examination ticket as it will be necessary on the actual day of the examination, for enrollment procedures and for making examination information disclosure requests.

## 8. Applicant Selection

Applicants will be selected based on a comprehensive review of application documents and the results of the written examination, the oral examination and interviews.

(1) Examination Dates and Contents

First Examination Round

| Date | Examination Outline | | Hours |
|---|---|---|---|
| Tuesday, August 18, 2025 | Interview<br>(non-Japanese applicants and Working Professional Course applicants only) | | From 9:00 AM (tentative) |
| Wednesday, August 19, 2026 | Written exam | **Japanese and Non-Japanese applicants fall under 3-(1)**<br>English*1<br>**Non-Japanese applicants fall under the eligibility categories other than 3-(1)**<br>Select either English or Japanese | 10:00 AM to 12:00 PM |
| | Oral exam | Specialized subject<br>(Department chosen by the applicant) | From 2:00 PM *2 |

Second Examination Round

| Date | Examination Outline | | Hours |
|---|---|---|---|
| Tuesday, January 19, 2027 | Interview<br>(non-Japanese applicants and Working Professional Course applicants only) | | From 9:00 AM (tentative) |
| Wednesday, January 20, 2027 | Written exam | **Japanese and Non-Japanese applicants fall under 3-(1)**<br>English*1<br>**Non-Japanese applicants fall under the eligibility categories other than 3-(1)**<br>Select either English or Japanese | 10:00 AM to 12:00 PM |
| | Oral exam | Specialized subject<br>(Department chosen by the applicant) | From 2:00 PM *2 |

*1 You are allowed to bring dictionaries at the written examination. (Book-type dictionaries only. NO electronic dictionary is allowed.)
You CANNOT bring a dictionary that describes medical terminologies and their meaning/definition (i.e. medical dictionary).

*2 We will inform you of the details at the time of sending Admission Ticket for Examination.

*3 Should there be any important notice on the examinations, it will be announced through the website of the Graduate School of Medicine, Dentistry and Pharmaceutical Sciences. Please be sure to check the website regularly for updates.

(2) Examination Venue

We will inform you of the location for the examination at the time of sending Admission Ticket for Examination.

## 9. Announcement of Accepted Applicants

The accepted applicants will be announced as follows:

| | First Examination Round | Second Examination Round |
|---|---|---|
| Date and Time | Friday, September 4, 2026<br>10:00 AM (tentative) | Friday, February 19, 2027<br>10:00 AM (tentative) |
| Where | https://www.mdps.okayama-u.ac.jp/en/ | |

(1) The examinee numbers of the accepted applicants will be posted on the graduate school official website. On the same day, a *Letter of Acceptance* and an *Enrollment Guidebook* will be sent to each accepted applicant using the address sticker submitted at the time of application.

(2) With regard to the screening results and/or details of the screening, Graduate School will not answer any inquiries over telephone, via e-mail, or by any other means.

## 10. Enrollment Procedures

(1) Submission of Documents for Enrollment

Documents for enrollment procedures will be sent to accepted applicants by the university on Friday, February 21, 2025, using the address sticker submitted at the time of application (6-(5)-(vii)).

(2) Enrollment Procedure Period

Thursday, March 11 to Friday, March 12, 2027 (Tentative)

## 11. Disclosure of Examination Information

(1) Who Can Request Disclosure

Those who have taken the entrance examination for April 2027 admission.

(2) What Can Be Disclosed

(i) Examination results of the applicant requesting disclosure: overall score, results of the oral exam, and for international students, the results of the interview.

(ii) Overview of the scores of accepted applicants: the highest and lowest scores marked by accepted applicants and their mean score in the screening group in which the requesting applicant participated. The overview will not be disclosed, however, when fewer than five applicants were accepted in the applicable screening group.

(3) How to Request Disclosure

Submit an Examination Information Disclosure Request Form (form specified by the university) and your examination ticket by yourself to Graduate School Office during the disclosure request period indicated in 11-(4) below.

The form can be obtained at the Graduate School Office or by requesting it to be sent by post.

If you wish to request by post, clearly mark your examinee number and write “Please send an Examination Information Disclosure Request Form” on an envelope, enclose a self-addressed and stamped envelope and send it to Graduate School Office. (The self-addressed envelope should be Nagagata #3 [measuring 120 mm wide by 235 mm high] in size, have your name, address and postal code clearly written and have postage stamps [for mail weighing 25g or lighter] affixed to it.)

(4) Disclosure Request Period

Thursday, May 6 to Wednesday, June 30, 2027
9:00 AM to 5:00 PM (Closed on weekends and national holidays.)

Note: Disclosure requests sent by post will be accepted only when they are postmarked with dates within the above-mentioned period.

(5) Method of Disclosure

Upon receiving an Examination Information Disclosure Request Form, a disclosure notice will be prepared and the information will be disclosed (sent) as soon as it is ready. (Please note, however, that disclosure in response to requests received before June 2027will be available in June or later.)

The submitted form may not be accepted (or necessary corrections may be requested) if it contains errors.

## 12. Other

(1) Entrance Fee and Tuition

Entrance fee: 282,000 yen [tentative]
Tuition (per semester): 267,900 yen (535,800 yen per year) [tentative]
*If fees have been revised at the time of enrollment or while you are enrolled, the revised amount will apply from the time of the revision.

(2) Financial Support

The university has the systems for entrance fee exemption and deferred payment, tuition exemption, student loans and scholarships, as part of its financial support to students.
- Students may be able to apply for and receive a half or full exemption for their entrance fees or tuition if academic performance, income status and other conditions meet requirements.
- Students may be able to apply for and receive various scholarships or student loans if academic performance, income status and other conditions meet requirements.

(3) Day/Evening Courses

Considering the enrollment of working students, students may be able to receive supervision for their research not only during the daytime on weekdays, but outside normal classroom hours as well (i.e., in the evenings, on Saturdays and during summer and winter breaks) in our master's programs (when Special Provisions for Education Methods [Day/Evening Courses] in Article 14 of the Standards for Establishment of Graduate Schools applies).
Should you wish to receive supervision outside the normal classroom hours, please consult with professors in your desired study/research field before applying.
Please note, however, that **classes and practicums may be held during the daytime on weekdays** even when you are able to receive supervision for your research work outside normal classroom hours. Be sure to discuss this thoroughly with your employers before applying.

# Guidelines for the Procedures for the Preliminary Review of Application Qualification

Those who fall under the eligibility indicated in 3-(9) to (11) must first complete the following procedures and have their application qualification confirmed.

(1) Application Period: Documents must arrive during the following period.

| First Examination Round | Second Examination Round |
|---|---|
| Monday, June 1 to Friday, June 5, 2026 | Wednesday, November 4 to Tuesday, November 10, 2026 |

Documents may be submitted directly or sent by registered express mail to ensure they arrive no later than the set deadline.
For those bringing application documents directly to the university, documents can be received between 9:00 AM and 5:00 PM (excluding weekends and national holidays).
As the deadlines shown above will apply to application documents sent by post as well, be sure to post them with enough time for delivery. You will not be allowed to submit part of the application documents before the deadline and the rest after the deadline.
Write "Documents for the Preliminary Review of Qualification to Apply to the Graduate School for Medicine, Dentistry and Pharmaceutical Sciences (Master's Course)" on the front of the envelope in red and be sure to confirm the expected delivery date/time before sending them out.

(2) Where to Submit Your Documents

Graduate School Office, Student Affairs Division, Administration Department,
Medical Sciences Administration Department, Okayama University
(1st Floor, Administration Building, Shikata Campus)
2-5-1 Shikatacho, Kita-ku, Okayama, Okayama, 700-8558 Japan Phone: +81-86-235-7986

(3) Required Documents

(i) Those who fall under 3-(9) or (11)

- Eligibility Approval Application Form (form specified by the graduate school)
- Certificate showing enrollment duration at the institute at which you have attained your highest level of education (or the educational institute you currently belong to)
- Academic transcript from the institute at which you have attained your highest level of education (or the educational institute you currently belong to) *3
- Academic catalog (Student handbook), etc.
- Letter of recommendation from the faculty member who intends to accept you (clearly stating the background of your acceptance and why he/she believes that you are eligible for the course)
- One envelope with 410 yen-worth of postage stamps affixed. (Please write the return address on the front.)

*Those who currently reside outside Japan do not need to prepare the envelope and the stamp.

(ii) Those who fall under 3-(10)

- Eligibility Approval Application Form (form specified by the graduate school)
- Graduation (or completion) certificate from the institute at which you have attained your highest level of education*3
- Academic transcript from the institute at which you have attained your highest level of education*3
- Research Planning Sheet and Record of Research Performance (forms specified by the graduate school)
- Copies of selected academic papers and research presentations
- Letter of recommendation from the faculty member who intends to accept you (clearly stating the background of your acceptance and why he/she believes that you are eligible)
- One envelope with 410 yen-worth of postage stamps affixed. (Please write the return address on the front.)

*Those who currently reside outside in Japan do not need to prepare the envelope.

[Annotations]

*1 Submission of additional certificates not listed here may be requested when necessary.

*2 Any document submitted that is written in a non-English language must be accompanied by a Japanese translation.

*3 **Credentials Report of Degree in English**, **Verification Report of Qualification Certificate in English** and **Verification Report of Academic Transcript in English** issued by the China Higher Education Student Information (CHSI) must be submitted. Note that only reports sent directly from CHSI to Okayama University will be accepted.

*See Page 6 for CHSI-related procedures.

(4) Method of Approval

Decisions will be made based on the document review and an interview. (You will be notified of the schedule and other details of your interview at a later date.)

| | First Round Examination | Second Round Examination |
|---|---|---|
| Date and Time of Interview | Thursday, July 2, 2026<br>Beginning at 10:00 AM (tentative) | Thursday, November 26, 2026<br>Beginning at 10:00 AM (tentative) |

Applicants will be notified of the results of the preliminary review at a later date.

If your eligibility is confirmed, please proceed to the application procedures following the *Application Guide for Admission of the Master's Course at the Graduate School of Medicine, Dentistry and Pharmaceutical Sciences*. (Certificates and other documents submitted for the preliminary review do not have to be resubmitted for application procedures.)

# A Guide to Major in Medical and Dental Sciences

## 1. Fundamental Goals of Education

The Graduate School of Medicine, Dentistry and Pharmaceutical Sciences aims to achieve the following five basic educational goals:

1) Understand the needs of society and build the fields of medicine, research and education fields that contribute to both local and international communities.
2) Promote interdisciplinary research and education by combining expertise in medicine, dentistry and pharmaceutical sciences.
3) Promote world-leading, cutting-edge and ingenious research, and disseminate the research findings.
4) Teach advanced and wide knowledge, and cultivate problem-solving skills that can adapt to scientific advances.
5) Provide opportunities for recurrent education for adult learners and promote lifelong medical education.

## 2. Objectives of Human Resource Development

Pioneers who can contribute to the promotion of cutting-edge research and medicine in the fields of medical and dental sciences, as well as to the solution of various problems in the local communities.

The Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Division of Medical and Dental Sciences (Master's Course) nurtures the following human resources based on the creation of research achievements that are not only highly regarded in the international community but also widely utilized in the local community. For students who have acquired diverse expertise in natural and applied sciences, regardless of their university or faculty, the program cultivates individuals who can contribute to the promotion of advanced research and medicine in the fields of medical and dental sciences. For adults whose expertise had been cultivated through practical experience in medicine, the program nurtures human resources who can contribute to the local communities as health, medical and welfare professionals, public officials, and so forth with a research mindset.

We aim to develop human resources with the following five abilities:

1) Practical ability to solve practical problems
2) Inquisitive ability to promote autonomous inquiry
3) Communication skills that lead to create achievements
4) Extensive professional skills that lead to knowledge creation
5) Intellectual ability that is humanistic and internationally competent

## 3. Standard Enrollment Years and Awarded Degrees

Standard number of enrollment years: 2

One of the following degrees may be awarded according to the area of your research:

Master of Medicine, Master of Public Health, Master of Dentistry, or Master of Science.

## 4. Completion Requirements

To complete the Master's course, you must have studied in the course for at least two years, earned at least 32 credits (30 credits for the Medical and Dental Sciences Degree Program [Working Professionals Course]), received required academic research supervision and passed a dissertation review and a final examination by the graduate school.

## 5. Expected Career Paths of Alumni

Students majoring in Medical and Dental Sciences will aim to acquire foundational and advanced skills in medicine and dentistry regardless of what they majored in during college. Their career paths,

therefore, are expected to be diverse as indicated below.

(i) It is possible to continue on to the doctoral program of the Graduate School of Medicine, Dentistry and Pharmaceutical Sciences to become educators and/or researchers of medicine and dentistry.
(ii) Being practitioners with highly advanced expertise, promising paths at educational and/or research institutes such as universities and private research institutes, private companies and administrative agencies can be expected.
(iii) In relation to clinical trials (clinical trials of new products required for governmental approval, and clinical trials unrelated to governmental approval), alumni may be able to become investigational drug managers, clinical research coordinators (CRCs), study coordinators (SCs), staff members in charge of new drug development and researchers working on clinical research methodologies and revealing drug action mechanisms through clinical pharmacological methods. At medical equipment manufacturers, our alumni are expected to contribute in the areas of product development, clinical trials for governmental approval and maintenance.
(iv) Promising careers as experts supporting state-of-the-art dental practices such as dental material researchers, partners of advanced dental practices, state-of-the-art dental auxiliary educators and oral care coordinators meeting the needs of an aging population, can be expected.

## 6. Available Degree Programs

Students majoring in Medical and Dental Sciences (Master's Course) are required to "have studied in the course for at least two years, earned at least 32 credits(30 credits for the Medical and Dental Sciences Degree Program [Working Professionals Course]), received required academic research supervision and passed a dissertation review and a final examination by the graduate school." There are two separate degree programs available (Medical and Dental Sciences Degree Program, Master of Public Health (MPH) Degree Program) to earn required credits and receive research supervision.

Furthermore, Medical and Dental Sciences Degree Program offers two Courses: the General Course and the Working Professionals Course.

Please note that the curriculum described on the following pages is for students entering in the 2026 academic year, and the curriculum is subject to change.

## Subject Outlines of Medical and Dental Sciences Major
## (a) Medical and Dental Sciences Degree Program

| Course | No. of Credits | | | | Description |
|---|---|---|---|---|---|
| | Required | | | Elective | |
| Introduction to Medical and Dental Sciences | 2 | | | | This is a postgraduate-level liberal arts course. In addition to medical and dental science fields, the course will provide a less technical overview of a wide range of topics in related biosciences, natural sciences and engineering and agricultural fields. Furthermore, topics like ICT utilization, how to write academic papers in English, medical English for researchers, patent application procedures, how to start up and manage venture businesses, and the position of research and development within pharmaceutical companies will be taught by visiting experts in various areas as guest lecturers. There will also be special lectures for career development support in which individuals practicing research and development in business areas where many students will work after course completion will be invited. |
| Social Medicine and Dentistry | 2 | | | | Students gain foundational knowledge needed to understand the roles of medicine and dentistry in our society and the relationships between them in lectures covering health promotion medicine and dentistry, theories and methods used in epidemiology, epidemiological achievements, and technologies to assess the effects of environmental chemical substances on our health. |
| Leadership and SDGs | 2 | | | | Leadership is essential for guiding and developing organizations and society. This class aims to cultivate leadership skills through the practical method of “facilitation.” In modern teams and organizations, people with diverse values and backgrounds come together to work collaboratively. In such settings, leaders equipped with facilitation skills—the ability to draw out each member's strengths and foster cooperation—are in demand. In other words, facilitation represents one crucial form of leadership in the modern era. In this course, participants will engage as facilitators in group-work-based classes for first-year students, learning through real-world practice. By facilitating dialogue among diverse learners and participating in the process where new insights and understandings emerge that individuals alone cannot achieve, the goal is to gain a practical understanding of leadership. |
| Medical Bioethics | 1 | | | | Students will be educated on various bioethical issues generated by advancement in technologies such as genomic analysis, genetic engineering, reproductive medicine and transplantation medicine, to develop researchers and medical professionals capable of acting based on ethically correct decisions. They will study international rules on confidentiality and ownership of rights regarding research outcomes and genetic information as well. |
| Human Anatomy | 2 | | | | Knowledge of normal human body morphology and anatomy will be provided. At the same time, observational skills required by medical professionals will be nurtured and the preciousness of life will be discussed. |

| | | | | | |
|---|---|---|---|---|---|
| Human Physiology | 2 | | | | The goals of this course are to learn about the normal physiological functions of the human body and have a foundational understanding of the amazing nature of homeostatic mechanisms, that is, of hemodynamics. Normal physiological functions must be understood first to understand pathological states. Human body functions can be comprehensively understood only by organically linking functions at the molecular, cellular, tissue, organ and whole-body levels on a foundation of a sufficient understanding of the human body at each of these levels. The comprehensive functions of the human body and their regulation will thus be taught from both micro- and macro-perspectives. |
| Biochemistry | 2 | | | | Students are given an overview of cells and molecules making up living organisms and learn how to perceive various cellular phenomena as spatiotemporally controlled molecular interactions, in order to allow them to understand life phenomena at the molecular level. |
| Pathology | 2 | | | | Students learn basic concepts related to disease and gain knowledge regarding pathogenesis mechanisms, progress and prognosis, and examine the principles of diagnosis and treatment. |
| Pharmacology | 2 | | | | Pharmacological effects of drugs, more specifically, the mechanisms of drug action and metabolism and side effects are taught. Students gain basic knowledge regarding clinical drug treatment. |
| Biomaterials | 2 | | | | Students learn the basic characteristics and clinical applications of materials (and machines) that replace physical forms, functions affected by defects occurring in human bodies; and instruments to measure indices of health maintenance and improvement. |
| Introduction to Clinical Medicine and Dentistry | 2 | | | | Because the development of new treatments based on the causes of disease is important in clinical medical and dental sciences, students will learn about currently practiced methods for diagnosis and treatments, on the foundation of a sufficient understanding of the concepts, epidemiology and pathophysiology of diseases. |
| Human Gross Anatomy | 1 | | | | Students will participate in the summer cadaver dissection course conducted by volunteers from the Faculty of Medicine of our Medical School. As part of the fundamental learning needed to major in medical and dental science, the course will cultivate respect toward human body and the dignity that is required of medical professionals, while also aiming to gain a deeper understanding of human body mechanisms. |
| Research in Medical Sciences | | 4 | | | One of the course completion criteria for medical and dental science majors is to “receive necessary research supervision.” The program therefore has credit-awarding courses in which supervising professors provide guidance for the research activities of first- and second-year students they accept at their laboratories. This course awards credits to first-year students conducting research under the supervision of faculty members. |
| Research in Dental Sciences | | 4 | | | One of the course completion criteria for medical and dental sciences majors is to “receive necessary research supervision.” The program therefore has credit-awarding courses in which supervising professors provide guidance for the research activities of first- and second-year students they accept at their laboratories. This course awards credits to first-year students conducting research under the supervision of faculty members. |

| Course | No. of Credits | | | | Description |
|---|---|---|---|---|---|
| | Required | | | Elective | |
| To conduct research in medical and dental sciences, you will need to take the initiative to learn the background of your research and what mankind has achieved so far, know the history of research projects in your study/research field, and understand the current situation and issues. You will need to explain your research work in various scientific communities of varying scales as well.<br>The flexible core courses shown below are for active learning, designed to allow students to acquire such skills in a natural manner by having faculty members and students get involved in these activities together.<br>**Research seminar:** Students prepare resumes and presentation slides and report on the objectives, methods, results and evaluations of the research work they have done. Discussions with faculty members and other students follow.<br>**Journal club:** Students look for academic papers and reviews related to their research work themselves. They will explain a summary of their findings.<br>**Preparing for presentations at academic conferences:** Students create presentation summaries, sign up for academic conferences, prepare slides or posters and practice making presentations. Faculty members in charge of each field and students may conduct these courses jointly. | | | | | |
| Research Presentation in Molecular Medicine | | | 2 | | Students will understand the latest molecular biology aspects of medical sciences with a wide perspective. The course will mainly focus on comprehensive analysis and application to diagnosis, treatment, drug development and other aspects of medicine related to cellular genomes, which are the building blocks of living organisms; gene expression; gene-product proteins (proteomes); and interactions with extracellular systems. |
| Research Presentation in Preventive Medicine | | | 2 | | Body defense mechanisms will be comprehensively studied as a series of interactions between infections (invasion factors) and the immune system (defense factors). More specifically, infectious agents like bacteria and viruses, and immune responses against different infectious agents will be covered. Meanwhile, the basics of host immune responses will be understood systematically. |
| Research Presentation in Regenerative Medicine | | | 2 | | Students will gain basic knowledge regarding pure research in the field of cellular biology, oriented toward regenerative medicine and research on the development of artificial organs and devices. The course will focus particularly on knowledge and skills for cell cultivation, which is fundamental for almost all research in biological sciences. |
| Research Presentation in Cell and Tissue Engineering | | | 2 | | Students will gain basic knowledge regarding the foundation of biomechanics in cells and tissues and physiomic theoretical or experimental evidence of information flow and function expression in cells and tissues. |
| Research Presentation in Clinical Trial | | | 2 | | Lectures will be given on methods for clinical trials for pharmaceutical drugs and how to evaluate their results from clinical pharmacology perspectives, and how to appropriately and smoothly conduct clinical trials for governmental approval while complying with new GCP rules, ensuring ethicality, scientific quality and data reliability. In addition, clinical trial protocols and issues related to their implementation will be covered, and ways to address them with be discussed. |
| Research Presentation in Clinical Informatics | | | 2 | | Students will learn ways to efficiently save, retrieve and use information in order to address issues in medical and dental sciences and to assist in decision-making. As foundational knowledge, students will learn the basics of computer science, telecommunications and statistics. Moreover, they will learn methodologies to formulate issues, collect information through critical selection, draw out solutions based on objective insights and record and share such processes and their outcomes in an appropriate manner. Students will be taught about hospital information systems, exchange of medical information and security technologies, as applied cases of these methodologies. |

| Course | No. of Credits | | | | Description |
|---|---|---|---|---|---|
| | Required | | | Elective | |
| Research Presentation in Neuroscience | | | 2 | | Students learn about expression of cranial nerve functions and mechanisms to control them at molecular, cellular and whole-body levels. Students will also study various brain disorders that are caused when these are disrupted. |
| Research Presentation in Pathophysiology | | | 2 | | Students are provided with an overview of the generation and development of diseases at the whole-body, cellular and molecular levels, as well as the underlying principles of various methods to identify causes of death. |
| Research Presentation in Oral Functional Reconstruction | | | 2 | | Students gain foundational and clinical knowledge related to cause identification, diagnosis, treatment and preventive measures for oral functional disabilities caused by the loss of teeth, mandibles or maxilla. |
| Research Presentation in Oral Pathology | | | 2 | | By analyzing the pathology of diseases commonly seen in oral and maxillofacial areas, including infections, inflammation and tumors, using molecular and cell biology methods, students will gain comprehensive knowledge needed for cause identification, diagnosis and treatment. The course will not only focus on understanding pathological matters and current clinical applications but will also show the direction of future studies as well. |
| Research Presentation in Oral Health and Development | | | 2 | | Students will gain an understanding of structural and functional changes in oral and maxillofacial areas that take place following development, growth and aging throughout the continuous phases of pathology and health in addition to attending lectures on structure, development and growth in these areas. Furthermore, students will also gain foundational and clinical knowledge on cause identification, diagnosis, treatment and prevention to nurture their awareness regarding concepts related to health maintenance and advancement. |
| Presentation at International Conference 1 | | | | 1 | International academic conferences held outside Japan |
| Presentation at International Conference 2 | | | | 1 | International academic conferences held in Japan |
| Required No. of Credits | 22 | 8 | 2 | | |

## (b) Medical and Dental Sciences Degree Program【Working Professionals Course】

| Course | No. of Credits | | | Description |
|---|---|---|---|---|
| | Required | | Elective | |
| Introduction to Practical Medical and Dental Sciences | | | 1 | This subject is designed for the liberal arts education at graduate level. Students will learn not only the topics in medical and dentistry fields, but ones in the broader range of bioscience and natural sciences. English for medical/dental research, thesis writing, research presentation, use of ICT, patent strategy and application, management of start-up or venture companies, and R & D in pharmaceutical industry will be discussed. We will invite experts from various fields as the lecturers. |
| Social Medicine and Dentistry | | | 2 | Students gain foundational knowledge needed to understand the roles of medicine and dentistry in our society and the relationships between them in lectures covering health promotion medicine and dentistry, theories and methods used in epidemiology, epidemiological achievements, and technologies to assess the effects of environmental chemical substances on our health. |
| Leadership and SDGs | | | 2 | Leadership is essential for guiding and developing organizations and society. This class aims to cultivate leadership skills through the practical method of "facilitation." In modern teams and organizations, people with diverse values and backgrounds come together to work collaboratively. In such settings, leaders equipped with facilitation skills—the ability to draw out each member's strengths and foster cooperation—are in demand. In other words, facilitation represents one crucial form of leadership in the modern era. In this course, participants will engage as facilitators in group-work-based classes for first-year students, learning through real-world practice. By facilitating dialogue among diverse learners and participating in the process where new insights and understandings emerge that individuals alone cannot achieve, the goal is to gain a practical understanding of leadership. |
| Practical Medical Sciences Research Project | | | 10 (each) | In Masters' Course for Medical and Dental Sciences, "receiving research supervision" is part of the criteria for the course completion's certification. In this course, students will be allocated this course subject in their first and second years for which they will be granted credits to receive research supervision from academic supervisors. Through this course, students will receive credits for their research activities in their first year and research supervision from their instructors. |
| Practical Dental Sciences Research Project | | | | In Medical and Dental Sciences, "receiving research supervision" is part of the criteria for the course completion's certification. In this specialty, students will be allocated this course subject in their first and second years for which they will be granted credits to receive research supervision from academic supervisors. Through this course, students will receive credits for their research activities in their first year and research supervision from their instructors. |
| Human Gross Anatomy | | | 1 | Students will participate in the summer cadaver dissection course conducted by volunteers from the Faculty of Medicine of our Medical School. As part of the fundamental learning needed to major in medical and dental science, the course will cultivate respect toward human body and the dignity that is required of medical professionals, while also aiming to gain a deeper understanding of human body mechanisms. |

| Course | No. of Credits | | | Description |
|---|---|---|---|---|
| | Required | | Elective | |
| Practice in Social Implementation of Medical and Dental Sciences | | | 1 | This practicum enables working students to apply the thinking and methodologies acquired in Division of Medical and Dental Sciences to address societal challenges faced by corporations and other entities. Students engage in learning and discussions about research methodologies, studying solution development processes, and more. One credit is awarded based on a standard of 45 hours of learning, including activity time under faculty supervision plus time for preparatory work and post-activity reports. Students seeking credit certification must submit the “Practicum in Social Implementation of Medical and Dental Sciences” Credit Certification Application Form along with supporting documentation verifying their activities at the company or organization. |
| Epidemiologic and Statistical Analysis Practice I | | | 2 | When conducting research on human subjects, because of ethical restrictions, there is a need to examine the hypothesis by observational study, by not intervention study involving random assignment of exposure. Basic knowledge of epidemiology and biostatistics is indispensable when investigating such research hypothesis. In this lecture and lab work, you will learn about fundamental analytical methods, understand the theory of multivariate analysis such as logistic regression analysis, and conduct analysis by themselves so that the results can be interpreted. |
| Medical Bioethics | 1 | | 1 | Students will be educated on various bioethical issues generated by advancement in technologies such as genomic analysis, genetic engineering, reproductive medicine and transplantation medicine, to develop researchers and medical professionals capable of acting based on ethically correct decisions. They will study international rules on confidentiality and ownership of rights regarding research outcomes and genetic information as well. |
| Human Anatomy | 2 | | 2 | Knowledge of normal human body morphology and anatomy will be provided. At the same time, observational skills required by medical professionals will be nurtured and the preciousness of life will be discussed. |
| Human Physiology | 2 | | 2 | The goals of this course are to learn about the normal physiological functions of the human body and have a foundational understanding of the amazing nature of homeostatic mechanisms, that is, of hemodynamics. Normal physiological functions must be understood first to understand pathological states. Human body functions can be comprehensively understood only by organically linking functions at the molecular, cellular, tissue, organ and whole-body levels on a foundation of a sufficient understanding of the human body at each of these levels. The comprehensive functions of the human body and their regulation will thus be taught from both micro- and macro-perspectives. |
| Biochemistry | 2 | | 2 | Students are given an overview of cells and molecules making up living organisms and learn how to perceive various cellular phenomena as spatiotemporally controlled molecular interactions, in order to allow them to understand life phenomena at the molecular level. |
| Pathology | 2 | | 2 | Students learn basic concepts related to disease and gain knowledge regarding pathogenesis mechanisms, progress and prognosis, and examine the principles of diagnosis and treatment. |

| Course | No. of Credits | | | Description |
|---|---|---|---|---|
| | Required | | Elective | |
| Pharmacology | 2 | | 2 | Pharmacological effects of drugs, more specifically, the mechanisms of drug action and metabolism and side effects are taught. Students gain basic knowledge regarding clinical drug treatment. |
| Biomaterials | 2 | | 2 | Students learn the basic characteristics and clinical applications of materials (and machines) that replace physical forms, functions affected by defects occurring in human bodies; and instruments to measure indices of health maintenance and improvement. |
| Introduction to Clinical Medicine and Dentistry | 2 | | 2 | Because the development of new treatments based on the causes of disease is important in clinical medical and dental sciences, students will learn about currently practiced methods for diagnosis and treatments, on the foundation of a sufficient understanding of the concepts, epidemiology and pathophysiology of diseases. |
| Preventive Medicine | | | 2 | Students will study preventive medicine based on both theory and practice, such as personal prevention, population strategy and social intervention etc. |
| Basic Epidemiology | | | 2 | This course deals with an overview of epidemiology, which is a basic scientific methodology to study populations. It also deals with causal inference, epidemiological theories, biostatistics, and their application including clinical epidemiology and environmental epidemiology. It also enhances the development of students' skill in reading scientific papers on descriptive epidemiology and analytical epidemiology. |
| Basic Biostatistics | | | 2 | By learning the basics of statistics, which are the underlying rules of the sciences, students will acquire the foundation to study epidemiological methodologies. Foundational biological statistics including the history of statistics, samples and source populations, the law of large numbers and the central limit theorem, random variables, probability distribution, statistical testing and estimation, descriptive epidemiology and inferential statistics, and regression analysis will be covered to cultivate a foundation for scientific research activities. |
| Practical Research in Medical Sciences Ⅰ | | | 1 | In Medical and Dental Sciences, "receiving research supervision" is part of the criteria for the course completion's certification. In this specialty, students will be allocated this course subject in their first and second years for which they will be granted credits to receive research supervision from academic supervisors. Through this course, students will receive credits for their research activities in their 2nd year and research supervision from their instructors. This course will cover writing an academic thesis (master's thesis) for thesis defense. |
| Practical Research in Medical Sciences Ⅱ | | | 1 | |
| Practical Research in Medical Sciences Ⅲ | | | 2 | |
| Practical Research in Medical Sciences Ⅳ | | | 2 | |

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Practical Research in Dental Sciences Ⅰ | | 1 | In Medical and Dental Sciences, “receiving research supervision” is part of the criteria for the course completion's certification. In this specialty, students will be allocated this course subject in their first and second years for which they will be granted credits to receive research supervision from academic supervisors. Through this course, students will receive credits for their research activities in their 2nd year and research supervision from their instructors. This course will cover writing an academic thesis (master’s thesis) for thesis defense. |
| Practical Research in Dental Sciences Ⅱ | | 1 | |
| Practical Research in Dental Sciences Ⅲ | | 2 | |
| Practical Research in Dental Sciences Ⅳ | | 2 | |
| Research Presentation in Molecular Medicine | | 2 | Students will understand the latest molecular biology aspects of medical sciences with a wide perspective. The course will mainly focus on comprehensive analysis and application to diagnosis, treatment, drug development and other aspects of medicine related to cellular genomes, which are the building blocks of living organisms; gene expression; gene-product proteins (proteomes); and interactions with extracellular systems. |
| Research Presentation in Preventive Medicine | | 2 | Body defense mechanisms will be comprehensively studied as a series of interactions between infections (invasion factors) and the immune system (defense factors). More specifically, infectious agents like bacteria and viruses, and immune responses against different infectious agents will be covered. Meanwhile, the basics of host immune responses will be understood systematically. |
| Research Presentation in Regenerative Medicine | | 2 | Students will gain basic knowledge regarding pure research in the field of cellular biology, oriented toward regenerative medicine and research on the development of artificial organs and devices. The course will focus particularly on knowledge and skills for cell cultivation, which is fundamental for almost all research in biological sciences. |
| Research Presentation in Cell and Tissue Engineering | | 2 | Students will gain basic knowledge regarding the foundation of biomechanics in cells and tissues and physiomic theoretical or experimental evidence of information flow and function expression in cells and tissues. |
| Research Presentation in Clinical Trial | | 2 | Lectures will be given on methods for clinical trials for pharmaceutical drugs and how to evaluate their results from clinical pharmacology perspectives, and how to appropriately and smoothly conduct clinical trials for governmental approval while complying with new GCP rules, ensuring ethicality, scientific quality and data reliability. In addition, clinical trial protocols and issues related to their implementation will be covered, and ways to address them with be discussed. |

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Research Presentation in Clinical Informatics | | 2 | Students will learn ways to efficiently save, retrieve and use information in order to address issues in medical and dental sciences and to assist in decision-making. As foundational knowledge, students will learn the basics of computer science, telecommunications and statistics. Moreover, they will learn methodologies to formulate issues, collect information through critical selection, draw out solutions based on objective insights and record and share such processes and their outcomes in an appropriate manner. Students will be taught about hospital information systems, exchange of medical information and security technologies, as applied cases of these methodologies. |
| Research Presentation in Neuroscience | | 2 | Students learn about expression of cranial nerve functions and mechanisms to control them at molecular, cellular and whole-body levels. Students will also study various brain disorders that are caused when these are disrupted. |
| Research Presentation in Pathophysiology | | 2 | Students are provided with an overview of the generation and development of diseases at the whole-body, cellular and molecular levels, as well as the underlying principles of various methods to identify causes of death. |
| Research Presentation in Oral Functional Reconstruction | | 2 | Students gain foundational and clinical knowledge related to cause identification, diagnosis, treatment and preventive measures for oral functional disabilities caused by the loss of teeth, mandibles or maxilla. |
| Research Presentation in Oral Pathology | | 2 | By analyzing the pathology of diseases commonly seen in oral and maxillofacial areas, including infections, inflammation and tumors, using molecular and cell biology methods, students will gain comprehensive knowledge needed for cause identification, diagnosis and treatment. The course will not only focus on understanding pathological matters and current clinical applications but will also show the direction of future studies as well. |
| Research Presentation in Oral Health and Development | | 2 | Students will gain an understanding of structural and functional changes in oral and maxillofacial areas that take place following development, growth and aging throughout the continuous phases of pathology and health in addition to attending lectures on structure, development and growth in these areas. Furthermore, students will also gain foundational and clinical knowledge on cause identification, diagnosis, treatment and prevention to nurture their awareness regarding concepts related to health maintenance and advancement. |
| Presentation at International Conference 1 | | 1 | International academic conferences held outside Japan |
| Presentation at International Conference 2 | | 1 | International academic conferences held in Japan |
| Required No. of Credits | | 30 | |

## (c) Master of Public Health (MPH) Degree Program

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Introduction to Medical and Dental Science | | 2 | This is a postgraduate-level liberal arts course. In addition to medical and dental science fields, the course will provide a less technical overview of a wide range of topics in related biosciences, natural sciences and engineering and agricultural fields. Furthermore, topics like ICT utilization, how to write academic papers in English, medical English for researchers, patent application procedures, how to start up and manage venture businesses, and the position of research and development within pharmaceutical companies will be taught by visiting experts in various areas as guest lecturers. There will also be special lectures for career development support in which individuals practicing research and development in business areas where many students will work after course completion will be invited. |
| Social Medicine and Dentistry | | 2 | Students gain foundational knowledge needed to understand the roles of medicine and dentistry in our society and the relationships between them in lectures covering health promotion medicine and dentistry, theories and methods used in epidemiology, epidemiological achievements, and technologies to assess the effects of environmental chemical substances on our health. |
| Introduction to Public Health | | 2 | Students can learn the framework for both the concept or the social system on public health and the national hygiene trends of Japan. |
| Introduction to Research Methods | 2 | | This course deals with a variety of basic methods of epidemiology and statistics used in medical research. |
| Introduction to Dental Health | | 2 | Based on the prevention of dental diseases and the improvement of public health, the students will learn the system of dental health for the purpose of maintaining c promoting the health of the community. |
| Environmental and Occupational Health and SDGs | 2 | | Students will learn foundational theories for environmental health research, such as exposure measurement, disease diagnosis and field studies. A wide range of knowledge related to healthcare and industry will be taught, including methodologies and the reality of the monitoring of work environment management, work management and health management in industrial health; interview methods in industrial health; issues related to returning to work; and corporate structural mechanisms. The realities of legal disputes related to workplace health issues will be covered as well. |
| Leadership and SDGs | | 2 | Leadership is essential for guiding and developing organizations and society. This class aims to cultivate leadership skills through the practical method of “facilitation.” In modern teams and organizations, people with diverse values and backgrounds come together to work collaboratively. In such settings, leaders equipped with facilitation skills—the ability to draw out each member's strengths and foster cooperation—are in demand. In other words, facilitation represents one crucial form of leadership in the modern era. In this course, participants will engage as facilitators in group-work-based classes for first-year students, learning through real-world practice. By facilitating dialogue among diverse learners and participating in the process where new insights and understandings emerge that individuals alone cannot achieve, the goal is to gain a practical understanding of leadership. |

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Public Health Research | 6 | | Students will examine multiple research hypotheses through group discussions with other graduate school students and discussions with faculty members. At the same time, students will research previous studies and finalize a research hypothesis. They will then collect data based on this hypothesis or examine existing usable data. |
| Epidemiologic and Statistical Analysis Practice I | 2 | | Students will study the basics of epidemiology and statistics. This is a problem-solving-type practical learning course. |
| Epidemiologic and Statistical Analysis Practice II | | 2 | Students will study the basics of epidemiology and statistics. This is a problem-solving-type practical learning course. |
| Public Health Practice | 6 | | Students will examine multiple research hypotheses through group discussions with other graduate school students and discussions with faculty members. At the same time, students will research previous studies and finalize a research hypothesis. They will then collect data based on this hypothesis or examine existing usable data. |
| Basic Epidemiology | 2 | | This course deals with an overview of epidemiology, which is a basic scientific methodology to study populations. It also deals with causal inference, epidemiological theories, biostatistics, and their application including clinical epidemiology and environmental epidemiology. It also enhances the development of students' skill in reading scientific papers on descriptive epidemiology and analytical epidemiology. |
| Applied Epidemiology | | 2 | This course deals with how to apply epidemiology to real medical research, based on the background of epidemiologic methods. |
| Basic Biostatistics | | 2 | By learning the basics of statistics, which are the underlying rules of the sciences, students will acquire the foundation to study epidemiological methodologies. Foundational biological statistics including the history of statistics, samples and source populations, the law of large numbers and the central limit theorem, random variables, probability distribution, statistical testing and estimation, descriptive epidemiology and inferential statistics, and regression analysis will be covered to cultivate a foundation for scientific research activities. |
| Social Epidemiology | | 2 | Students will study methodologies and actual examples to quantify and reveal the impact of economic situations, society, schemes and regulations, and culture on humans beyond the scope of risk-factor epidemiology, which focuses on the causes and diseases. |
| Medical Policy | | 2 | Students will be taught an overview of medical insurance and medical service provision schemes, and learn the foundational concepts of medical policies and current issues. |

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Critical Appraisal of Scientific Papers I | | 2 | The aim of this course is to help students acquire the necessary skills and knowledge of critical appraisal of scientific papers from the viewpoint of epidemiology and statistics. It also enhances the development of students' skill in literature searches, hypothesis development, selection of study subjects, and data collection and analysis. |
| Critical Appraisal of Scientific Papers II | | 2 | The aim of this course is to help students acquire the necessary skills and knowledge of critical appraisal of scientific papers from the viewpoint of epidemiology and statistics. It also enhances the development of students' skill in literature searches, hypothesis development, selection of study subjects, and data collection and analysis. |
| Preventive dentistry I | | 2 | Dental diseases are multifactorial diseases that involve a complex combination of pathogens, hosts, and lifestyle habits. |
| Preventive dentistry II | | 2 | Dental diseases are multifactorial diseases that involve a complex combination of pathogens, hosts, and lifestyle habits. |
| Social Dentistry I | | 2 | Learn how to solve problems related to actual dentistry in community health, maternal and child health, school health, and occupational health. |
| Social Dentistry II | | 2 | Learn how to solve problems related to actual dentistry in community health, maternal and child health, school health, and occupational health. |
| Preventive Medicine | | 2 | Students will study preventive medicine based on both theory and practice, such as personal prevention, population strategy and social intervention etc. |
| Food Poisoning Research Methods | | 2 | This course deals with the basic research methods needed to conduct food poisoning epidemiologic studies. This course includes practice of data analysis. |

| Course | No. of Credits | | Description |
|---|---|---|---|
| | Required | Elective | |
| Qualitative Research Methods | | 2 | Students will learn theories of research methods to assemble qualitative data, which is the foundation for developing analytical and quantitative clinical research, nursing research and regional healthcare research. The course covers research and survey methods using various methods, including experimenting and observation, interviews, ethnomethodologies, content analyses of documents and images, participant observation conducted while living with the subject(s) of research and various fieldwork methods. Analysis methods to develop research hypotheses and research design based on cases in the field and at medical institutions will also be covered. |
| Presentation at International Conference 1 | | 1 | International academic conferences held outside Japan (Course requires approval.) |
| Presentation at International Conference 2 | | 1 | International academic conferences held in Japan (Course requires approval.) |
| Required Credits | 20 | 10 | |