

## Course Outline

The Master's Program provides well integrated education, offering courses which may be chosen depending on the goals of individual students to meet social needs.

Medical Science Course

**This course aims to produce specialists with a wide range of knowledge who will play active roles in medicine and life science.**

In addition to required core subjects, students learn basic medical science research methods that provide the knowledge and skills required for medical research through experiential learning, as well as they study and practice oral and written research presentation skills. Basic general medicine and basic medical research are offered to facilitate the development of specialists with the necessary broadly based knowledge that is expected.

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Public Health Course

**Public Health Course aims to develop human resources who are capable of playing active roles in addressing the challenges of public health with broad knowledge and high skills for the maintenance and improvement of the entire society and people's health, life and security.**

At this course, fundamental five disciplines (Epidemiology, Biostatistics, Social and Behavioral Sciences, Health Services Administration and Environmental Health Sciences), which comply with accreditation criteria of the Council on Education for Public Health in the United States, are provided as required subjects. Furthermore, by taking the elective subjects which would suit one's own interest, students acquire the ability required for experts.

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Two-Year Course

**This course is intended for medical doctors (i.e. licensed physicians), dentists, pharmacist and other professionals with certain amount of practical experience, and aims to train, in one year, highly specialized professionals who play active roles in medical and public health fields.**

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One-Year Course

**This course enables completion of the course, which is practically the same as Two Year Course, in one year. Students should pass the qualifying review and examination of the research achievements of specific assignment to complete.**

## Admission to Master's Programs

Please consult the guidelines for applicants for the graduate school for further information.

### About the Entrance Examination

- **Number of students to be admitted** Medical Science: 20
- **Qualifications for applicants** Applicants should have a bachelor's degree (for Public Health Course <One-Year Course>, work experience of two years or more as physicians, dentists, or pharmacists is required)
- **Application Period**

**[Midyear examination]** Tuesday, 5 July 2022 to Monday, 11 July 2022

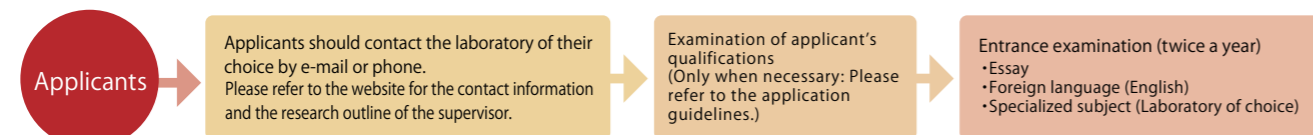
**[Year-end examination]** Thursday, 1 December 2022 to Wednesday, 7 December 2022

Office hours: 9:00 AM to 5:00 PM (Japan Standard Time)

Send the application documents to Students Affairs Office by post using express registered mail.

Application documents must reach our Student Affairs Office within the application period.

### Overview of admissions



- **Examination schedule** **[Midyear examination]** Tuesday, 16 August 2022  
**[Year-end examination]** Tuesday, 17 January 2023
- Even though announced this way, there is a possibility that the graduate school must subsequently revise the examination procedure or postpone/cancel the examination(s) as a measure against COVID-19.

### Fees

- **Examination fee\***: 30,000 yen
- **Admission fee\***: 282,000 yen
- **Tuition**: 535,800 yen (per year)

Note: Admission and tuition fees may be changed at any time.  
\*Government-financed international students (persons receiving MEXT Scholarship grants) are exempted from this fee but must include a statement to this effect when submitting the application.

### Long-Term Study Program (NOT eligible for Public Health Course <One-Year Course>)

Under the Long-Term Study Program, students who are employed or who have other compelling reasons can complete the Master's Programs in up to 4 years with tuition roughly equivalent to the 2-year tuition by applying for pre-enrollment approval of a plan to complete the Master's Program in a longer period than the standard 2-years.

### Master's degree requirements

1. Students are required to pass a qualifying review and examination of a Master's thesis or the research achievements of specific assignments (only for the One-Year Public Health Course), and 2. acquire at least 30 credits in the field(s) of the major.

### Messages from Students of the Master's Program

#### Fascinated by forensic analysis

2<sup>nd</sup>-year Master's Student  
Medical Science Course, Department of Forensic Medicine  
**AKAGAWA Yuki**

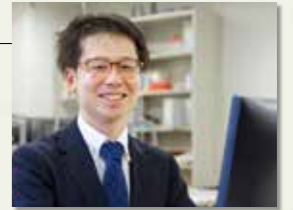
The reason why I entered the Department of Forensic Medicine was to study mass spectrometry in depth. Although it is a different major from what I studied in undergraduate school, I need it to join a police crime laboratory. My research involves liquid chromatography mass spectrometry (LC-MS) to analyze blood and urine concentrations of 3-chlorotyrosine and 3,5-dichlorotyrosine, known markers of chlorine poisoning. MS is widely used in the field of forensics to analyze poisoning deaths, and has broad applications. It takes a long time to obtain expertise in MS technologies and I am still in the trial-and-error phase of research.



#### To protect many people from disease

2<sup>nd</sup>-year Master's student  
Public Health Course (Two-Year Course), Department of Public Health  
**SAITO Hiroshi**

I study public health while working as a local public officer. The three major diseases in Japan, cancer, heart disease, and stroke, are lifestyle related. Healthcare tends to focus on treating these diseases, but partly due to COVID-19, I realized the importance of disease prevention and scientific evidence-based behavior change, and decided to study further. Due to the academic characteristics of public health, I learn various people's viewpoints through lectures and research activities, which is very exciting. Currently, I am conducting a community survey. I hope to contribute to community health by alerting people to the importance of daily life.



### Message from a Graduate of the Public Health Course (One-Year Course)

#### Learn rather than get used to it

Public Health Course (One-Year Course), Department of Hygiene  
(Master's degree completed in March 2020)  
**YAZAKI Hiroshi**  
Working as a Physician

I am currently working at a home-care clinic as a physician. Through a variety of experiences both in Japan and abroad, I became interested in Public Health issues. All the school days pass so fast with classes after work in the first half and intense meetings with the supervisor in the latter half. Though I belong to the Department of Hygiene, which is highly reputed for mathematical modelling of infectious diseases, my research topic was "Ambulance transport of patients with mild afflictions in Hokkaido, Japan". It seems to have nothing to do with mathematical models, but I conducted an epidemiological research study with statistical analysis. Whatever the topic, I learn methods to analyze facts, which it is worth investing my time in.



## Information on the Honor and Scholarship

### Honor

- **The Graduate School of Medicine, Hokkaido University**
  - Best Paper Award** Selected applicants receive a certificate and 100,000 yen.
  - Takakuwa Eimatsu Scholarship** Every year, 3 or 4 outstanding young researchers (including graduate students) are awarded this scholarship (80,000-100,000 yen per awardee as a one-time grant).

### Scholarship

- **The Graduate School of Medicine, Hokkaido University**
  - Otowa Hiroji Scholarship Fund** Both Japanese and non-Japanese students are eligible. Every year, up to 10 Japanese students and 10 non-Japanese students receive this scholarship (150,000 yen per awardee as a one-time grant). Selection is based on both academic and personal excellence.
- **Hokkaido University**
  - Nitobe College for Graduate Students** The Honors Program offers a scholarship to selected students. Successful applicants will be selected based on a comprehensive assessment that includes the academic achievement in the Foundation Program and their motivation for applying as described in the application form.
- **Other Scholarships**

Hokkaido University has a range of scholarships available for both prospective and current students.

  - Scholarships for Prospective Students** Several competitive scholarships of differing amounts are available for students wishing to study at Hokkaido University. Please see the sections below for the scholarships you can apply for prior to leaving your home country.
    - Japanese Government Scholarships (MEXT)
    - Hokkaido University Scholarships
    - Other Scholarships
  - Scholarships for Current Students** There are various scholarships available to self-supported international students, and either applied for through the University, or directly.

Check the website for details: [Hokkaido Univ. Scholarships](#)

### Teaching Assistant (TA) Program

As part of the university education, the TA program was introduced to train able faculty members and specialists with experience in education. Selected applicants are paid an annual salary of approximately 70,000 to 100,000 yen, depending on their work performance.