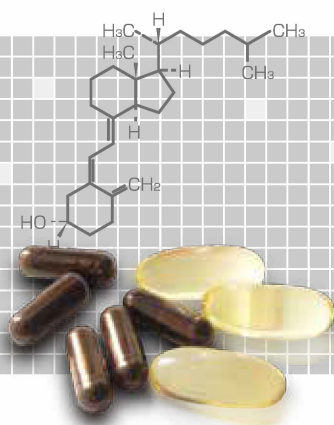




KOBE UNIVERSITY

Graduate School of Health Sciences 2025



Message from the Dean of the Graduate School of Health Sciences

Kobe University was founded in 1902 and will celebrate its 123rd anniversary in 2025. Located in the international city of Kobe, it is a comprehensive university consisting of 10 faculties and 15 graduate schools, with a total student population of approximately 16,000. The university is characterized by a progressive and liberal academic atmosphere based on the philosophy of "harmony between theory and practice." Another characteristic is that the barriers between the humanities and sciences are low and well-balanced research and education is carried out through interdisciplinary co-creation, making it a potential fertile ground for the creation of new academic fields.

The Graduate School of Health Sciences consists of a master's program (79 students/year) and a doctoral program (25 students/year), and is one of the largest in Japan in terms of scale and research quality. Specialized areas include the three core fields of Nursing, Biophysics, and Rehabilitation science, as well as the interdisciplinary field of Public Health. In each field, we strive to provide education and guidance that will enable students to acquire specialized knowledge and skills, as well as the qualities of a creative researcher.

We aim to train leaders who can play an important role as highly skilled medical personnel, researchers, and teachers. For example, the graduate school has established an educational course for midwives and public health nurses, training midwives who manage high-risk pregnancies and deliveries, and public health nurses who can work in health administration and international organizations.

We have implemented short-term and long-term exchange programs for graduate students in cooperation with the top five universities in ASEAN countries, and has developed a program to develop the next generation of global health leaders in Asia. In addition, we place emphasis on English education and have established the International Course for Health Sciences (ICHS), which allows students to complete graduate courses entirely in English. Furthermore, in anticipation of the fact that the declining birthrate and aging population will become a serious problem in Asian countries in the future, just like in Japan, the Graduate School of Health Sciences has established the Frontier Center for Asian Health Sciences to work on international and comprehensive problem solving in areas such as infectious disease countermeasures, maternal and child health, lifestyle-related disease countermeasures, and super-aging countermeasures. In other words, based on Japan's experience in dealing with super-aging, we would like to contribute to the health and hygiene issues of Asian countries by utilizing our collaboration with overseas universities and research institutes and international organizations such as the WHO.

In the medical field, there is a demand for the construction of health management systems and the development of medical equipment that utilize ICT. Therefore, we have established a collaborative course with the National Institute of Information and Communications Technology (NICT) and the National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN) to conduct joint research. In addition, we have established a Digital Medical Engineering Creation Course through cross-disciplinary collaboration between graduate schools such as Health Sciences, Medicine, and Engineering. Furthermore, focusing on dementia, a serious problem in the super-aging society, we have launched the Dementia Prevention Project by making full use of interdisciplinary co-creation and established the Dementia Prevention Promotion Center. From 2022, the Graduate Schools of Health Sciences and Human Development and Environment will take the lead in establishing the Wellbeing Advanced Research Center, which will conduct interdisciplinary research on human wellbeing beyond the health and medical fields and implement it in society.

Modern society is changing rapidly due to the spread of infectious diseases such as the new coronavirus, climate change, and technological innovations such as artificial intelligence, and existing values and knowledge alone cannot respond to new challenges. Such a society is called the "VUCA era," and it is becoming difficult to solve problems with knowledge in a single specialized field. In the future, universities will not be able to simply deepen their specialized knowledge, but will be required to comprehensively utilize knowledge in all fields and become a place to create "comprehensive knowledge" and strongly promote it. Therefore, the Graduate School of Health Sciences will be integrated with the Graduate School of Medicine in the 2026 academic year and reborn as the new "Graduate School of Medicine." The master's course will be unified as the Department of Advanced Life and Medical Science, and four areas will be established within it: Health Science, Future Social Medicine, Medical Device Engineering, and Biomedical Science. In addition, the Health Science area will be composed of three courses, Nursing, Biophysics, and Rehabilitation Science, as before, and future social medicine will be a public health graduate school. Meanwhile, the doctoral program consists of four departments: Health Sciences, Future Social Medicine, Medical Device Engineering, and Medical Science. Please refer to the upcoming website for details.

Kobe University believes that it must be a university that can respond swiftly to the needs of society in this age of VUCA. To that end, the Graduate School of Health Sciences will restructure its research and education systems, turn its eyes to the world, and continue to evolve. We hope that you will join us and work together to make a significant contribution in the world health.



Dean, Graduate School of Health Sciences

Tatsuro Ishida

Philosophy and Aims

Basic Philosophy

Health Science is a practical academic field that contributes to improving the well-being of humankind and social welfare through education and research on physical and mental health, illness, and disability. It is necessary to perceive physical and mental health, illness, and disability by focusing on individuals and groups comprehensively in terms of the physical, mental, social, and ethical dimensions. This is the basic philosophy of the total health care promoted by the specialization in Health Sciences at the Graduate School of Health Sciences at Kobe University.

Aims

On the common foundation of a broad education, rich human qualities and ethical character, we aim to train, 1) researchers who have the originality and creativity necessary to establish total health care, 2) advanced medical specialists with rich clinical experience and research mind as well as leadership and management skills, 3) university teaching staff with clinical, research, and educational skills, and 4) advanced medical specialists with communication skills and multicultural understanding skills to promote international health care.

Attainment/Objectives

In order to achieve the above philosophy and aims, we perceive the five-year doctor's program as a coherent whole, and have put in place the following attainment objectives within the Master's Degree Program and Doctoral Degree Program.

On the Master's Degree Program, we train skills in clinical practice, skills in the multidimensional analysis of problems faced, and research skills required to resolve problems and we cultivate advanced medical specialists capable of playing an active role in team medicine, team care, total health care and international health care. Within the program we offer family nursing and specialized nursing programs, and effectively deliver an education related to certification in specialist disciplines.

On the Doctoral Degree Program, we further develop the sophistication of analytical skills, problem-solving skills, and research skills acquired during the Master's Degree Program, and train educators and researchers rich in originality and creativity able to create, practice, and educate a new total health care through creative and developmental research.

Admissions Policy

The Graduate School of Health Sciences' basic philosophy is to provide education in internationally excellent health care and health science in order to train personnel in the spirit of "sincerity, liberty, and cooperation" to possess high ethical and scientific perspectives and contribute to the health and well-being of humanity. Hence, we seek students meeting the following profile.

Master's Degree Program

■ Graduate School of Health Sciences Master's Degree Program - Ideal Candidates

1. Students with a clear goal and a strong thirst for knowledge
[Desired Qualities: Knowledge/Skills, Curiosity/Passion]
2. Students who can think logically and make objective judgments
[Desired Qualities: Logical Thinking/Objectivity/Presentation Skills]
3. Students with the ability to conduct research and put research into practice on a global scale
[Desired Qualities: Knowledge/Skills, Logical Thinking/Objectivity/Presentation Skills, Curiosity/Passion]
4. Students who have pride in their expertise and are cooperative
[Desired Qualities: Independence/Cooperativeness, Curiosity/Passion]

■ Basic Policy for Enrollment Considerations

In order to select students with the above qualities, in accordance with the Graduate School of Health Sciences' Master's Degree Program Diploma Policy and Curriculum Policy, we will measure various qualities for the following enrollments.

For the General Entrance Exam, Public Health Nurse Course, Midwife Course, Adult Learners Special Entrance Exam and Foreigners Special Entrance Exam, we will measure "Knowledge/Skills", "Logical Thinking/Objectivity/Presentation Skills", "Independence/Cooperativeness", and "Curiosity/Passion"

Doctoral Degree Program

■ Graduate School of Health Sciences Doctoral Degree Program - Ideal Candidates

1. Students with a clear goal and a strong thirst for knowledge
[Desired Qualities: Knowledge/Skills, Curiosity/Passion]
2. Students who can think logically and make objective judgments
[Desired Qualities: Logical Thinking/Objectivity/Presentation Skills]
3. Students with the ability to conduct research and put research into practice on a global scale
[Desired Qualities: Knowledge/Skills, Logical Thinking/Objectivity/Presentation Skills, Curiosity/Passion]
4. Students who have pride in their expertise and are cooperative
[Desired Qualities: Independence/Cooperativeness, Curiosity/Passion]

■ Basic Policy for Enrollment Considerations

In order to select students with the above qualities, in accordance with the Graduate School of Health Sciences' Doctoral Degree Program Diploma Policy and Curriculum Policy, we will measure various qualities for the following enrollments.

For the General Entrance Exam, Public Health Nurse Course, Midwife Course, Adult Learners Special Entrance Exam and Foreigners Special Entrance Exam, we will measure "Knowledge/Skills", "Logical Thinking/Objectivity/Presentation Skills", "Independence/Cooperativeness", and "Curiosity/Passion"

Curriculum (education programs and conditions of completion, etc.)

The educational methods of the Graduate School are as stipulates in Article 12 of the Standards for the Establishment of Graduate Schools, "Education at Graduate Schools shall be conducted via taught subjects, classes and research supervision."

The completion conditions of the master's (or doctoral) programs of this Graduate School stipulate that the master's (or doctoral) program must be studied for two years (or three years), that the specified credits must be acquired, and that after receiving the necessary research guidance, the master's (doctoral) dissertation must pass review, and the final examinations must be passed.

However, for both the master's and doctoral programs an interim presentation will be held to adequately ascertain the results of the research supervision and research progress, and to provide more effective research supervision thereafter.

As regards research supervision at this Graduate School, for each student enrolled, the topic of research supervision will be determined by the supervising member of staff and the student, and will be provide broadly and effectively by the supervising staff member, assistant supervising staff, and teaching staff from related fields. Our research supervision also gives consideration to improving research skills and mastering joint research methods through participation in general research projects.

■ Special Provision for educational methods based on Article 14 of the Standards for the Establishment of Graduate Schools

At this Graduate School we offer classes in the evening and on Saturdays to broaden the class options and facilitate the acquisition of credits. Acquisition of the specified credits is possible based entirely on subjects taught in the evening and on Saturdays.

■ The Long-Term Studies System

At this Graduate School we have in place a system whereby students with particular circumstances, such as employment, can complete a systematically studied program within a number of years in addition to a fixed period exceeding the limit to the standard number of years of study (the limits are two years for the master's program, and three years for the doctoral program).

■ The Teaching Assistant(TA) System

To postgraduate students of high-caliber, we provide opportunities to engage in educational assistance work and provide detailed supervision in undergraduate education and for postgraduates to be trained as future teaching staff or researchers.

We compensate these opportunities to help improve the conditions of our postgraduates.

■ The Research Assistant(RA) System

For students with excellent skills enrolled on the doctoral program who aspire to be future researchers, we aim to train research abilities through encouraging participation as research assistants in the research projects conducted by this department and effectively promoting research activities and working to assist research.

We compensate these opportunities to help improve the conditions of our postgraduates.



Postgraduate degree dissertation presentation

■ Obtainable Degrees

Students who satisfy the completion requirements of the master's or doctoral programs at this Graduate School detailed above will be awarded the degree of master's (Health Sciences) or doctor's (Health Sciences) respectively.

About Graduate School of Health Sciences

Faculty of Health Sciences

- Nursing
- Medical Technology
- Physical Therapy
- Occupational Therapy

The other Faculty

- Nutrition
- Education
- Agriculture
- Sport Sciences
- Social Welfare etc.

Graduate School of Health Sciences

Integrated disciplines

Public Health

- Infectious Diseases
- International Health Cooperative Activities
- Sustainable Development and Human Ecology
- Health Promotion
- Establishment of Care System

Nursing

- Nursing Practice
- Chronic Illness and Condition Nursing
- Family Care

Biophysics

- Analyses of Pathogenesis and Pathology
- Development of Diagnostic Technology

Rehabilitation Science

- Rehabilitation of Handicapped Person and Aged
- Improve the Quality of Life

Key disciplines

Key disciplines (Nursing, Biophysics, Rehabilitation) and Integrated disciplines (Public Health)

Partnership of the key disciplines and integrated disciplines enables education and research from a multidimensional perspective.

Department of Nursing

In the discipline of nursing, we train personnel in excellent specialized knowledge and practical skills, and our philosophy is to contribute to the development of Nursing through progressive research that approaches the advancement of medicine. In particular, in order to conduct transnational research linking the clinical domain and research as well as communicate nursing studies of a high evidence based level incorporating interdisciplinary and scientific perspectives, we offer five following fields:

Chronic Illness and conditions Nursing

We have developed nursing interventions to balance the treatment regimens on the juggling act, as patients and their families could maintain wellness and manage symptoms in remission.

Teaching Staff Prof. :Ikuko MIYAWAKI



Practical nursing

We will conduct research and education on nursing practical science aiming at developing nursing practical skills and advanced nursing practical skills.

Teaching Staff Prof. :Tatsuro ISHIDA



Life Support System Development Nursing

By comprehensively understanding the aspects of nursing care required for the acute-stage care and home-care support of elderly patients, and those with dementia as well as their families, we develop methods and construct theories for care in view of the perspective of the environment and team approach.

We also study nursing care to promote mental health, as well as to reduce problems or difficulties in mental health, by focusing on human mind and behavior.

Teaching Staff Prof. :Chieko GREINER



Family Health Care Nursing (CNS Program)

In the field of Family Nursing, we develop family intervention models which support the maintenance and enhancement of family functions and support families with children in adapting to a health crisis. We also train certified nurse specialists (CNS) in family health nursing in diagnosis and treatment.

Teaching Staff Prof. :Naohiro HOHASHI



Maternity Nursing Midwifery

The research philosophy of the field of Maternity Nursing is to announce research that can be returned to the clinical site based on evidence based nursing (EBN).

It centers on "Perinatal period safety and quality assurance" to a wide range of management and business administration viewpoints. Also, education aiming to acquire national midwifery examination eligibility and a master's degree was started as a "midwifery course" since FY2016.

Teaching Staff Prof. :Wakako FUJITA
Associate Prof. :Naomi SENBA



Obstetric emergency exercise scenery.



Department of Public Health

This department is dedicated for an integrated discipline consisted of many kinds of occupations conducting development and practice of Medical and Health system based on local communities, addressing the resolution of various health problems and engaging in research for medical and health issues which should be urgently dealt with and their causes. Our goal is to cultivate high-level medical professions oriented to both of Japan and Asia competent in practicing comprehensive healthcare in a global point of view and global leaders specialized in medical treatment, health, public hygiene and infection diseases capable of overcoming various problems in the international society and to be a research center for health science practicing devoted for investigation of health issues of the country and overseas.

Community Health Sciences

In order to resolve the various problems that exist locally from a scientific perspective, we provide an education to train researchers and advanced public community health specialists as well as to produce professionals with comprehensive practical skills and high-level management skills in community healthcare and public health nursing. A master level program obtained the national exam qualification for public health nurses offers in fiscal 2016.

Teaching Staff Prof. :Hisako IZUMI, Noriyuki NISHIMURA
Associate Prof. :Kimiko NAKAYAMA



Health Sciences

We scientifically analyze lifestyle diseases related to diet, exercise, and sleep with the primary aim of preventing lifestyle diseases and maintaining health, and identify new findings beneficial to the maintenance of health. In particular, our research focuses on diabetes and respiratory disorders.

Teaching Staff Prof. :Hisafumi YASUDA



Global Infectious Diseases

Our division consists of researchers specializing in virology, bacteriology, parasitology and clinical medicine. We conduct a pioneering research at the cutting edge of medical science and contribute to innovations in the fields of infectious disease epidemiology, infection control measures, pathogen diagnostics, vaccine development and new drug discovery. Our laboratories are providing excellent educational opportunities for the world-class students.

Teaching Staff Prof. :Masanori KAMEOKA
Associate Prof. :Hideyuki IRIKO
Prof. :Toshiro SHIRAKAWA
(Graduate School of Science, Technology and Innovation)



Global Health

The perspective of global health is essential to achieve "Health For All" and/or "Universal Health Coverage" as slogans of UN/WHO. The problems of emerging infectious diseases, natural disaster, and environmental degradation are not closed within the nation, but easily spreading over the world through transportation of materials and people. On the other side, the people who have to live under the unaccustomed environment and foreign culture through international labor migration or other kinds of migration are increasing, which brought the needs of transcultural primary care. Under such circumstances, through the researches conducted within the nation and abroad, our division is tackling with the problem finding and solution activity in various field and clinical settings

Teaching Staff Prof. :Minato NAKAZAWA, Mitsuaki MATSUI
Associate Prof. :Kazuhiro IZAWA, Sayaka KOTERA, Chihiro TSUCHIYA-THEORIN



Preventive Healthcare (Collaboration courses)

Kobe University will collaborate with the National Institute of Health and Nutrition (NIHN), which is part of the National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN), to provide education on acquiring a wide range of cutting-edge knowledge (epidemiology, nutrition, kinesiology, and energy metabolism) and skills (measurement of nutrients, energy metabolism, and physical activity) necessary for new health science research based on knowledge of exercise and nutrition, as well as cultivate an overall perspective on this research.

Teaching Staff Prof. :Rei ONO
Associate Prof. :Haruki MONMA



Topics & Characteristics

POINT 1

Advantages of Comprehensive University and Interdisciplinary Approach

Japan faces an aging society and declining birth rate, and medicine and healthcare issues are also shifting from hospitals to community, and from a "disease oriented". The issues of maintaining and promoting health, recovery from disability and enhancing the system of healthcare and medicine cannot be resolved by the Graduate School of Health Sciences alone. As a comprehensive institution, Kobe University promotes interdisciplinary collaboration and has a flexible framework for cross-disciplinary education and research. Additionally, the university houses a Regional Collaboration Center and an Asia Health Science Frontier Center, which enhance channels for international and regional industry-academia-government joint research and facilitate the societal application of research outcomes.

POINT 2

Certified Nurse Specialist(CNS)in Family Health Nursing Program

This department is a frontrunner in the new field of "Family Nursing." On the Graduate School's Master's program, we are one of only six schools in Japan to offer Certified Nurse Specialist (CNS) in Family Health Nursing Program. The CNS is the highest professional nursing qualification, involves making diagnoses and providing treatment, and introduces an educational program capable of developing advanced nursing practice integrating both care and cure. This course aims to produce advanced specialist professionals capable of playing an active role internationally, who possess the competency to practice family support based on evidence acquired through research and theory.



POINT 3

International Course for Health Sciences (ICHS)

The Graduate School of Health Sciences started to offer classes on an English language course (International Course for Health Sciences: ICHS) for graduate students on the master's program from academic year 2012. On this course, graduate students can acquire credits and complete their period of study entirely in English. Starting 2014, the ICHS is available to graduate students in the doctoral program. In addition to English language lectures delivered by full-time teaching staff, we offer lectures by native English teaching staffs throughout the year. We also hold the Summer Education Program conducted by invited experts in the field of international health. This course will enable students to acquire the communication skills and cross-cultural understanding required to develop health care activities.

Through the creation and practice of comprehensive health sciences suited to overseas socio-economic situations and lifestyles, we aim to train advanced practical specialists in the health sciences capable of making contributions primarily at international institutions.



POINT 4

Digital Medical Engineering Creation Course

Starting the 2021 academic year, a Digital Medical Engineering Creation Course has been established in collaboration with the Graduate School of Medicine and the Graduate School of Engineering. The course aims to establish a "Japanese-style medical device development ecosystem" to train creative personnel who will become leaders in medical device development and are capable of project management. To achieve this goal, students from the Schools of Medicine, Engineering, and Health Sciences will form diverse simulated teams and will be provided with an educational environment that allows them to gain practical experience, including trial and error experiments. In addition, in order to foster the ability to think practically through the exploration of needs in the medical field, a medical device workshop will be set up in a research hospital, where teams can design medical device concepts, create prototypes, and learn in an environment that allows practical discussions.

POINT 5

Well-being Program for Development and Health Course

Starting from the academic year 2024, the Well-Being Education Program Course has been established in collaboration with the Graduate School of Human Development and Environment. Well-being is a concept that refers to 'a state of complete physical, mental and social well-being' and is also listed in the Sustainable Development Goals (SDGs) set out by the UN. The course aims to foster professional skills that contribute to solving serious problems in an aging society with a declining birthrate, with a lifelong commitment to well-being in the fields of human development, health, and environment. To achieve this goal, students in both graduate schools will learn together to contribute to the well-being of each individual person, about basic theories and empirical research-based findings related to the impact of human development, health and the environment on human well-being.

POINT 6

Professional Development Course in Cancer Nursing

The Professional Development Course for Cancer Nursing has been established in the 2024 academic year through the collaboration among five university led by Kindai University. This course aims to develop professionals who provide support and generate its evidence to enhance the quality of life of cancer patients, survivors, and their families. In order to sustainably address the advancement and innovation of cancer care, students will learn not only fundamental and specific knowledge about cancer nursing, but also research methodologies and utilizations of evidence in cancer nursing and related fields.

POINT 7

Overseas Training

As increasing the practicality of knowledge and skills acquired at university, in order to cultivate communication skills and a spirit that enjoys challenge, we collaborate with Trans-Pacific countries, and mutually exchange postgraduate students. This program is named the "Education of global medical and health science leaders in the coming generation in cooperation and collaboration with Trans-Pacific countries," and in addition to providing hands-on training through lectures and practice at affiliated hospitals and laboratories utilizing existing curricula at affiliated overseas schools, also recognizes their prescribed study credits.

In addition, as part of the CAMPUS Asia Plus program, we have conducted a double degree program on Nursing with Chulalongkorn University and are recruiting program participants.



POINT 8

A Master Level Program in Public Health Nursing and Midwifery offered from fiscal 2016

The Graduate School master's program provides an opportunity for graduate students to acquire advanced practical skills in public health nursing. Students will develop research skills allowing them to implement evidence-based practices. This will enable students to resolve the complex and diverse public health problems of community from interdisciplinary and international perspectives. The midwife education equips midwives with midwifery diagnosis skills but also trains them in high-risk care, management skills, an international outlook. Students will develop research skills allowing them to implement evidence-based practice. This will enable students to possess an autonomous specialization as advanced professionals capable of making a broad social contribution.

Main Pathways (for completion in academic years 2016 to 2024)

【Graduate School of Health Sciences Master's Degree Program】

- Kobe University
- Kobe University Hospital
- The Hospital of Hyogo College of Medicine
- Osaka City University Hospital
- Hyogo Prefectural Hospital
- Kobe Ekisaikai Hospital
- Kobe City Medical Center General Hospital
- Hyogo Cancer Center
- Kita-harima Medical Center
- National Hospital Organization Hokkaido Medical Center
- National Center for Geriatrics and Gerontology
- Kobe City Hospital Organization
- Japan International Cooperation Agency
- Hyogo Prefecture
- Kobe City
- Tokyo Metropolis
- Astellas Pharma Inc
- Eisai Co., Ltd.
- Sawai Pharmaceutical Co., Ltd.
- Sionogi&Co.,Ltd
- SYSMEX CORPORATION
- FUJIFILM Wako Pure Chemical Corporation

(8students became academic staff at universities and technical schools)

【Graduate School of Health Sciences Doctoral Degree Program】

- Kobe University
- Hokkaido University
- Kumamoto University
- Osaka Prefecture University
- Kyoto Prefectural University
- Wakayama Medical University
- Jichi Medical University
- Kobe University Hospital
- Kyoto University Hospital
- Osaka Medical College Hospital
- National Center for Geriatrics and Gerontology
- Kobe Medical Center
- Nara Prefecture General Medical Center
- National Institute of Information and Communications Technology
- Universitas Gadjah Mada
- Sakai City
- Kaneka Corporation
- Otsuka Pharmaceutical Factory, Inc.
- IBM Japan, Ltd

(44students became academic staff at universities and technical schools)

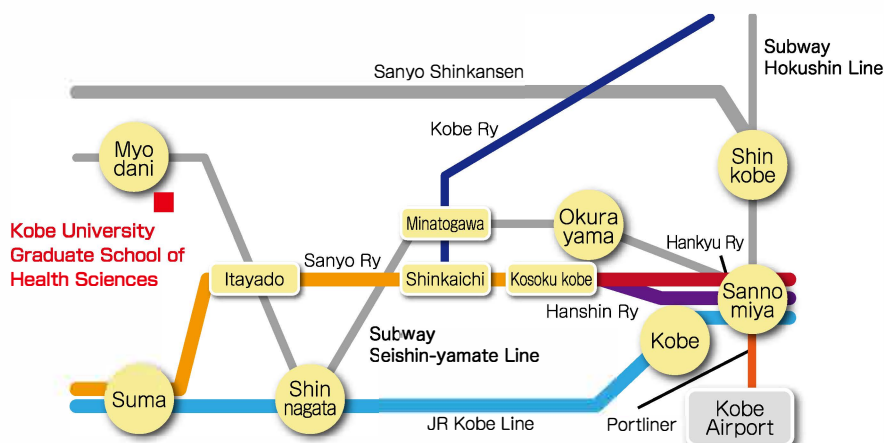
Scholarship System

The scholarships available at this school are as follows:

1. Japan Student Services Organization (JASSO) scholarships
2. The scholarship system for private scholarship associations and local public associations
3. The Kobe University Scholarship

Among the forms of scholarships available there are also "loans" that are either repayable or non-repayable after graduation (completion).

Access



【Access by public transport】

Take the Kobe Municipal Subway to Myodani St. and walk 15 mins. Southeast.

(Travel time from Sannomiya St. to Myodani St. on the Kobe Municipal subway is around 20 mins.)

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