

**Application Guidelines  
for  
Graduate School of Health and Welfare Science  
(Master's Courses)  
〔 Special Application from  
Overseas Designated Schools 〕  
Okayama Prefectural University  
for  
the 2024 Academic Year**



## **Admission Policy of the Graduate School of Health and Welfare Science, Okayama Prefectural University**

The Graduate School of Health and Welfare Science cultivates specialists with advanced knowledge and skill, and research competence qualified to identify and resolve issues in the field of health, medical care, and welfare, and capable of contributing to the broad development of a society in which everyone can enjoy healthy and fulfilling lives.

In order to achieve this goal, each course selects students from a broad range of candidates in Japan and overseas.

### **Admission Policy of the Master's Course in Nursing Science**

The Master's Course in Nursing Science seeks to provide individuals with interdisciplinary and advanced specialized knowledge in nursing care and basic research to nurture individuals capable of developing effective and wide ranging solutions in the field of health and welfare through research, practice and teaching in both domestic and international settings in response to social needs. This course also has a public health nurse training program.

This Master's Course seeks individuals highly motivated to pursue scientific research using their broad knowledge in the field of nursing science, cognitive and logical thinking and decision-making skills, and their advanced sense of compassion and ethics. The Course also seeks individuals with competence in communication skills, including English, and nursing care ability gained through academic and practical experience in both domestic and international settings.

The Course selects candidates through a written examination designed to assess their foreign language (English) competence, an oral examination designed to assess their specialized knowledge in nursing science, thinking ability and decision-making skills, and an interview to evaluate their suitability for this field, passion for nursing, and motivation for research.

### **Admission Policy of the Master's Course in Nutritional Science**

The Master's Course in Nutritional Science seeks to provide individuals with advanced specialized knowledge that facilitates their ability to find solutions to wide ranging health-related nutritional issues, such as food functions and clinical nutrition, and nurture their ability to identify and address problems to respond to social needs.

This Course is looking for individuals with a passion for research in the field of nutritional science using knowledge accumulated in their undergraduate studies, their scientific and ethical thinking and decision-making skills, their ethical perspective and sense of humanity. The Course also welcomes individuals who have worked to improve their communication skills, including English competence, through academic and practical experience in both domestic and international settings.

The Course selects candidates through a written examination designed to assess their foreign language (English) competence, an oral examination designed to assess their specialized knowledge in the field of nutritional science, thinking ability and decision-making skills, and an interview to evaluate their suitability for this field and motivation for research. Special examinations (for adult and overseas students) include a written examination of foreign language (English) skill, and an interview to assess suitability and motivation for research.

## **Admission Policy of the Master's Course in Health and Welfare Science**

The Master's Course in Health and Welfare Science fosters individuals with expertise in addressing clinical and policy issues related to health and welfare science through organizational research and education that provides opportunities for students to master both theory and technique in health and welfare science.

This Master's Course will be of particular interest to individuals with a strong desire to apply their broad knowledge and ethical thinking skills to scientific research in health and welfare science, hone their decision-making abilities, and contribute to humanity with a high sense of ethics. The Course also seeks individuals with the ability to communicate, including competence in English, developed through academic and practical experience in both domestic and international settings.

The Course selects candidates through a written examination designed to assess their foreign language (English) competence, an oral examination designed to assess their specialized knowledge in health and welfare science, thinking ability and decision-making skills, and an interview to evaluate their suitability for this field and motivation for research. Special examinations (for overseas students) include a written examination of foreign language (English) skill, and an interview to assess suitability and motivation for research.

Application Guidelines for Graduate School of Health and Welfare Science  
(Master's Course) (Special Application from Overseas Designated Schools)  
Okayama Prefectural University for the 2024 Academic Year

**I Enrollment Capacity (people)**

| Courses                                       | Enrollment Capacity                   | Notes   |
|---|---------------------------------------|---|
| Master's Course of Nursing Science            | A limited number of selected students | The number stated on the left side is included in the enrollment capacity of each course. (Enrollment capacity of each course is the total number of students accepted through ordinary and special examinations (adult/overseas applicants [including applicants from the overseas designated schools]). 7 students for Master's Course of Nursing Science, 6 for Master's Course of Nutritional Science, and 7 for Master's Course of Health and Welfare Science) |
| Master's Course of Nutritional Science        | A limited number of selected students |   |
| Master's Course of Health and Welfare Science | A limited number of selected students |   |

**II Qualifications of Application**

Applicants who meet all of the following criteria A through F are eligible to apply.

- A** Must be confidently recommended by the President or the Rector of International Academic Exchange Partner Universities.
- B** Hold a bachelor's degree or plan to hold said degree by March 31, 2024.
- C** Have gained good grades when obtaining bachelor's degree.
- D** Show a desire to enrich knowledge and determination to succeed in the research work.
- E** Must be proficient in English or Japanese to perform the task necessary for research.
- F** It is preferred to have Japanese language - N2 level or better.

**III Enrollment Date**

Monday, April 1, 2024

**IV Application Procedure**

**A Application**

Enclose the documents listed in "Application Documents" in an envelope and send by registered international mail via the designated university which can issue the recommendation letter. Application by e-mail cannot be accepted. Documents required must be written in English or Japanese.

**B Application Period**

From Monday, July 31, 2023 to Friday, August 4, 2023

**C Where to send**

Admission Service Section  
Okayama Prefectural University  
111 Kuboki, Soja-City, Okayama Prefecture 719-1197

## V Application Documents

### A Application Form

Use the form provided (Form 1) and fill out completely.

### B Certificate of Graduation (Prospective Graduation)

Certificate must be issued and sealed by the president, the rector or the dean of the relevant university.

### C Transcripts

Transcripts must be issued and sealed by the president, the rector or the dean of the relevant university. Submit the transcripts listing grades of all credits obtained while at the university.

### D Statement of Purpose for Research

Applicants must fill out form provided (Form 2). Write the first choice listed in the space for "Course" on the Admission Application Form (Form 1)

### E Two Recommendation Letters from the President or the Rector as well as the master's course instructor of the designated university

Recommendation letters must be issued and sealed by the relevant persons.

### F Photo Card and Entrance Examination Admission Card

Use the form provided (Form 3 and 4) and fill out completely.

Write applicant's name on the reverse side of 4cmH x 3cmW color photo and affix it to the photo space with glue.

### G Others

Submit a copy of document which can prove applicant's level of Japanese language.

## VI Interview with the Master's Course Director/ Supervisor

Prior to submitting an application, an applicant is required to have two or more online interviews with the Director of the Master's Course and the prospective supervisor both in English and in Japanese. The interviews shall be held via web video conference such as Skype, Zoom, etc. connected between Okayama Prefectural University and the designated university before Monday, July 24, 2023.

Appointments for these interviews must be made by e-mail (nyushi@oka-pu.ac.jp) through Admission Service Section by no later than Monday, July 10, 2023.

Among "Application Documents", copies of A,D,E,F must be submitted to Okayama Prefectural University at latest two weeks prior to the first interview.

### A The Director of each course

|   |                         |
|---|-------------------------|
| Master's Course of Nursing Science            | MORIMOTO Michiko, Prof. |
| Master's Course of Nutritional Science        | YAMASHITA Hiromi ,Prof. |
| Master's Course of Health and Welfare Science | TAKATO Jinro, Prof.     |

### B The Supervisor

(\*This system is scheduled for the 2024 academic year. Some conditions may change.)

(Master's Course of Nursing Science)

| Courses                              | Name of Supervisor   |
|--------------------------------------|--|
| Fundamental Nursing Science Course   | MORIMOTO Michiko, Prof. OGINO Tetsuya, Prof.<br>SATO Yoshie, Associate Prof.<br>SASAKI Shinsuke, Associate Prof. |
| Developmental Nursing Science Course | SUMIYOSHI Kazuko, Prof. MIKANE Sakae, Prof.<br>KITAMURA Shinji, Prof. NAGOSHI Megumi, Associate Prof.            |

|                              |  |
|------------------------------|--|
|                              | OKAZAKI Yuka, Associate Prof.<br>MITANI Akemi, Associate Prof.                             |
| Broad Nursing Science Course | MORINAGA Yumiko, Prof. INOUE Sachiko, Associate Prof.<br>TOKUSHIMA Yasuko, Associate Prof. |

(Master's Course of Nutritional Science)

| Courses                                | Name of Supervisor   |
|--|--|
| Fundamental Nutritional Science Course | TAKAHASHI Yoshitaka, Prof. YAMAMOTO Toshiko, Prof. KAWAKAMI Takayo, Prof. KUBOTA Megumi, Prof. IRIE Yasuyuki, Prof. SHUTO Emi, Associate Prof. |
| Food Nutritional Science Course        | ITO Hideyuki, Prof. TANAKA Koichi, Prof. YAMASHITA Hiromi, Prof. KAWAKAMI Yuki, Associate Prof. IKEGUCHI Motoya, Associate Prof.               |

(Master's Course of Health and Welfare Science)

| Courses                              | Name of Supervisor   |
|--------------------------------------|--|
| Health and Welfare Policy Course     | KONDO Rie, Prof. IWAMITSU Kenji, Prof. KIMURA Hitoshi Associate Prof.  |
| Social Work and Service Course       | TAKEMOTO Yoshihito, Prof. MURAKOSO Takashi, Prof. NAKAMURA Hikaru, Prof. SAKANO Junko, Prof. KIRINO Masafumi, Associate Prof. OKURA Takashi, Associate Prof. |
| Health Related Social Service Course | TAKATO Jinro, Prof. RAKUGI Akiko, Associate Prof. SATO Yukari, Associate Prof.   |
| Child Education and Science Course   | AKUTSU Taichi, Prof. TAKAHASHI Tamiko, Prof. NIIYAMA Junko, Associate Prof. OBATA Chiharu, Associate Prof.   |

## VII Examination

### A Examination Date

Wednesday, August 23, 2024

### B Selection

Applicants will be selected based on a comprehensive evaluation for screening applicants' transcript and statement of purpose for research, and by the results for examination of academic proficiency and interview.

“Remote interview examination” via web video conference connected between Okayama Prefectural University and the designated university shall be substituted for Examination of Academic Proficiency and Interview.

| Master's Course     | Name of Subject                         | Points | Total |
|---------------------|---|--------|-------|
| Nursing Science     | Academic proficiency (Foreign Language) | 100    | 250   |
|                     | Academic proficiency (Special Subject)  | 50     |       |
|                     | Interview                               | 100    |       |
| Nutritional Science | Academic proficiency (Foreign Language) | 100    | 150   |
|                     | Interview                               | 50     |       |

|                            |  |     |     |
|----------------------------|--|-----|-----|
| Health and Welfare Science | Academic proficiency<br>(Foreign Language) | 100 | 200 |
|                            | Interview                                  | 100 |     |

(Note) Evaluation includes interview and screening of the transcripts and the statement of purpose for research.

## **VIII Announcement of Successful Applicants**

### **A Announcement Date**

Friday, September 1, 2023

### **B Announcement Procedure**

Applicant will be informed of the result via the designated university which issued the recommendation letter.

Successful applicant will receive an official letter of acceptance as well as information about enrollment procedures via the university mentioned above.

## **IX Enrollment Procedures**

### **A Period**

Due no later than Wednesday, September 13, 2023

### **B Procedure**

Send documents required for enrollment to Admission Service Section by registered international mail via the designated university which issued the recommendation letter.

Applicant who fail to complete the procedure by the specified date will be deemed to have declined enrollment.

## **X First-Year Payment**

### **A Entrance Fee**

Amount 282,800 yen

(Note) Entrance fee is subject to change. Revised entrance fee shall apply from the date of revision.

### **B Tuition**

•Amount (Yearly amount) 535,800 yen

•Payment Procedures

Payment in two installments for the first (end of May) and second (end of October) semesters after enrollment

(Note) Tuition is subject to change. Revised tuition shall apply from the date of revision.

## C Insurance Fee, Supporter's Association Fee, Alumni Association Fee

### 1. Amount

| Master's Course                                   | Insurance Fee*          | Supporter's Association Fee  | Alumni Association Fee |
|---|-------------------------|--|------------------------|
| Nursing Science                                   | 2,790 yen (for 2 years) | 42,000 yen<br>Admission fee 20,000 yen<br>+ Membership fee (for 2 years)<br>22,000 yen | 10,000 yen             |
| Nutritional Science<br>Health and Welfare Science | 2,470 yen (for 2 years) |  |                        |

\*Fees for the Personal Accident Insurance for Students Pursuing Education and Research (Gakkensai), and Insurance for Accidents Involving Third Parties or Their Property for Students Covered Under Gakkensai provided by the Japan Educational Exchanges and Services (JEES)

## XI Security Export Control

Okayama Prefectural University performs the security export control based on "Foreign Exchange and Foreign Trade Act" so that education and study contents to foreign students do not obstruct maintenance of international peace and the security.

International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired course or program.

## XII Others

**A** The examination fee is not required.

**B** Upon satisfactory completion of the requirements for graduation from the Graduate School of Health and Welfare Science at Okayama Prefectural University, students are awarded a master's degree. The degree areas written on the master's diplomas are as follows:

Master's Course of Nursing Science    **"Nursing Science"**

Master's Course of Nutritional Science   **"Nutritional Science"**

Master's Course of Health and Welfare Science   **"Health and Welfare Science"**

**C** Successful applicant must acquire necessary status of resident in Japan as "college student" by enrollment date with the cooperation of Okayama Prefectural University.

**D** Even after an official letter of acceptance was issued, enrollment can be cancelled in case the contents of Application Documents should be confirmed to be false.



**Invitation from the Graduate School of Health and Welfare Science (Master's Courses), Okayama Prefectural University**

The need for programs in preventive healthcare, and health and welfare in a society facing a low birthrate and an aging population is clear. To meet these and other needs, we established the first graduate school integrating health and welfare science, nursing science and nutritional science in Japan in April 1997.

We invite not only those who have completed undergraduate programs in nursing, public health, midwifery, nutrition, social work, psychiatric social worker, care, early childhood education and other health-related areas, but also those in other fields who have an interest in health and welfare and a desire to participate in education and research to improve their expertise and skills as professionals with the goal of becoming researchers, educators, leaders, administrators and practitioners involved in addressing the problems facing society as we move into the future. The curriculum at our graduate school is designed to equip students with the knowledge and skills required to solve problems while helping them to develop a broader perspective and deepen their experience through opportunities for learning and research provided in each master's course, and through the chance to exchange information and experience by participating in lectures and activities common to the graduate school's three master's courses as well as special subjects offered by other master's courses to enhance their respective specialties.

|     |   |           |    |
|-----|---|-----------|----|
| I   | Overview of the Master's Course of Nursing Science            | • • • • • | 9  |
| II  | Overview of the Master's Course of Nutritional Science        | • • • • • | 12 |
| III | Overview of the Master's Course of Health and Welfare Science | • • • • • | 15 |

## **I Overview of the Master's Course of Nursing Science**

Due to Japan's low birthrate and its rapidly aging population, progress in medical technology, the advancement of globalization, and the diversification of values, we are under pressure to review our systems for the delivery of preventive healthcare, and health and welfare. The response to these social needs requires motivated human resources with fundamental research skills and interdisciplinary knowledge in the nursing sciences as well as the ability to develop theories, assistive technology and systems capable of addressing the challenges we face for the future. Our Master's Course of Nursing Science provides opportunities for education and research with the goal of cultivating human resources capable of leading innovation and the search for practical solutions in nursing science. The Broad Nursing Science Course offers classes that nurture professionals with the knowledge and practical skills essential for national public health nursing examinations.

### **A Overview of Courses**

#### **1. Fundamental Nursing Science Course**

The focus of this course is the nursing theory that forms the foundation of various nursing practices and human care as expressive skills. We provide education and research from various perspectives with the aim of establishing evidence that supports theories, principles and practice as a basis for the scientific and theoretical development of nursing science.

#### **2. Developmental Nursing Science Course**

The aim of this course is the cultivation of leaders with a combination of practical, research and educational skills in the areas of nursing science that support lifelong health.

In the area of maternal nursing science, we are aiming to establish a special maternal nursing science to pursue a methodology of the care for women and their families and a system to support the associated practices from both of theoretical and practical sides.

In the area of adult nursing science, we are providing education and research based on an interdisciplinary approach from both theoretical and practical perspectives to pursue creation of a care system especially in the fields of care for patients with chronic diseases and with cancers and circulatory diseases as well as those in a perioperative period.

In the area of adult nursing science, we are providing education and research based on an interdisciplinary approach from both theoretical and practical perspectives to pursue creation of a care system especially in the fields of care for patients with chronic diseases and with cancers as well as those in a perioperative period.

In the area of gerontological nursing science, we are aiming to establish a special gerontological nursing science to pursue a methodology of the care for elderly people and their families and a system to support the associated practices from both of theoretical and practical sides.

#### **3. Broad Nursing Science Course**

This course seeks to cultivate leaders capable of applying practical and research skills in the area of community health nursing (public health nursing, home nursing) and mental health nursing science).

In the area of public health nursing science, we pursue a methodology, evaluation and system for innovative care dealing with health problems in the area of public health nursing and home health nursing. To obtain candidacy of the national public health nursing examinations, students study public health nursing, epidemiology, public health statistics, Health and Welfare Administration and Finance, etc. to build practical skills and policy proposal abilities.

In the area of mental health nursing science, we seek mental healthcare based on an interdisciplinary approach from both theoretical and practical perspectives.

**B Nursing Science Major Research Themes**

FY 2024 preliminary curriculum

|                                      | Supervisor                                | Major Research Themes   |
|--------------------------------------|---|---|
| Fundamental Nursing Science Course   | OGINO<br>Tetsuya,<br>Prof.                | 1.Life science that healthcare professionals should know<br>2.Changes in organism and response analysis in nursing practice<br>3.Functional modification of cellular tissue by oxidative stress   |
|                                      | MORIMOTO<br>Michiko,<br>Prof.             | 1.Creation of guidelines for protective wear for new or imported infectious diseases at clinical sites<br>2.Nursing care for nosocomial infections (Environmental improvement, etc.)<br>3.Development of antibiotic action and relaxation effects of perilla for nursing care   |
|                                      | SATO<br>Yoshie,<br>Associate<br>Prof.     | 1.Research on basic nursing education   |
|                                      | SASAKI<br>Shinsuke,<br>Associate<br>Prof. | 1. Research on scientific grounds of nursing care/nursing skills<br>2. Measuring method development of visualized biological information<br>3. Development of new nursing assistance tools  |
| Developmental Nursing Science Course | SUMIYOSHI<br>Kazuko,<br>Prof.             | 1. Research on patients care with diabetes<br>2. Research on patient education  |
|                                      | KITAMURA<br>Shinji,<br>Prof.              | 1. Artificial intelligence (AI) research in the fields of medicine, nursing, health and welfare<br>2. Research related to internal medical management on nursing<br>3. Research related to chronic kidney disease and hemodialysis / peritoneal dialysis management on nursing  |
|                                      | OKAZAKI<br>Yuka,<br>Associate<br>Prof.    | 1.Study of adolescent healthcare<br>2.Research on child rearing support<br>3.Research on the issues encountered during each stage of the female lifecycle<br>4. Research on midwifery education   |
|                                      | NAGOSHI<br>Megumi,<br>Associate<br>Prof.  | 1.Research on support for making decisions during therapeutic and palliative care periods for families of and patients with chronic diseases such as cancer and cardiac failure<br>2.Research on vocational identities of nurses and organizational development<br>3.Research on the response to sudden changes in the elderly, care givers, etc. |
|                                      | MIKANE<br>Sakae,<br>Prof.                 | 1.Research on ethical issues in practical nursing care<br>2.Research on end-of-life care<br>3.Research on extending seniors' health life  |
|                                      | MITANI<br>Akemi,<br>Associate<br>Prof.    | 1. Research on mental health support for mothers and fathers during the child rearing period<br>2. Research on the influence of baby massage on the process of developing maternal feelings   |

|                              | Supervisor                                 | Major Research Themes   |
|------------------------------|--|---|
| Broad Nursing Science Course | MORINAGA<br>Yumiko,<br>Prof.               | <ol style="list-style-type: none"> <li>1. Development of assessment guide for child abuse prevention from the perspective of studies on fathers</li> <li>2. Research on in-service training for and cultivation of public health nurses</li> <li>3. Research on public health activities and support for victims at the time of disaster</li> <li>4. Research on empowerment and pro bono activities by regional organizations</li> </ol> |
|                              | INOUE<br>Sachiko,<br>Associate<br>Prof.    | <ol style="list-style-type: none"> <li>1. Research on support for individuals with mental disease and developmental disorders, and their supporters</li> <li>2. Epidemiological research on mental health of children, workers, and residents</li> <li>3. Research on mental health education for children</li> </ol>   |
|                              | TOKUSHIMA<br>Yasuko,<br>Associate<br>Prof. | <ol style="list-style-type: none"> <li>1. Research on the prevention of social frailty using online resources</li> <li>2. Research on healthcare behaviors in the elderly in the community</li> <li>3. Research on factors related to goal achievements in newly hired public health nurses</li> </ol>  |

## **II Overview of the Master's Course of Nutritional Science**

Seeking to prevent and improvement lifestyle diseases such as obesity, diabetes, and hyperlipidemia, which have become increasingly problematic in recent years, we conduct epidemiologic research in workplaces and in the community, examine the relationship between dietary habit and disease, and develop functional foods. Students work to establish methodologies using biochemistry and molecular biology, and to solve vocational and health issues using the established methodologies.

Our master's course offers two courses, Fundamental Nutritional Science and Food Nutritional Science.

### **A Overview of Courses**

#### **1. Fundamental Nutritional Science Course**

This course focuses on research and education aimed at understanding the series of life processes from nutrition/ food intake to metabolism at the genetic, molecular, individual, and group level, and build capabilities in the development and expansion of unknown theories. In this course, students will discover new physiology of physiologically active substances generated through the lipid metabolism and protein using cutting edge biochemistry, molecular biology, and cell biology technologies. Students also work to clarify the relationships between inflammatory disease, arterial sclerosis, and the deterioration of brain function caused by aging. Furthermore, students conduct applied research including the development of management tools that allow the use of results in the alleviation of the symptoms of allergies and in the nutritional management of lifestyle diseases, including cancer and dementia. Through education and research, this course aims to cultivate leading managerial dietitians capable of linking fundamental nutritional science to clinical practice and research to play active roles in the field of nutritional science at educational and research institutions.

#### **2. Food Nutritional Science Course**

In recent years the consumers and producers are showing more interest in information on maintaining the safety and effectiveness of food, information about the establishment of laws regarding functional food such as Food for Specified Health Uses and Food with Functional Claims, and information such as social issues concerning food safety, including food poisoning. According to these social background, this course provides education and research aiming at the discovery of new functional food compositions and the development of its material using natural product chemistry, food science, and molecular genetic approach based on nutritional science, and besides at cultivating evaluation method for food safety based on solving cause and preventing food poisoning and searching for food material having safety and high-functioning for the purpose of health enhancement and disease prevention. This course aims to nurture human resources capable of taking a leading role in food-related companies, educational research institutions, and administrative agencies as experts in nutrition and food with both exuberant creativity and problem-solving abilities as well as highly specialized knowledge and skills in the field of nutritional science involving research and development of functional food.

**B Nutritional Science Major Research Themes**

FY 2024 preliminary curriculum

|  | Supervisor                          | Major Research Themes   |
|--|-------------------------------------|---|
| Fundamental Nutritional Science Course | TAKAHASHI<br>Yoshitaka<br>Prof.     | 1. Essential fatty acids and their metabolizing enzymes<br>2. Bioactive lipids and their pathophysiology  |
|  | YAMAMOTO<br>Toshiko,<br>Prof.       | 1. Study on food functionality for prevention of chronic diseases<br>2. Novel nutritional significance of lipid components in milk<br>3. Histochemical study on synthesizing enzymes of bioactive lipids in homeostasis and disease |
|  | KAWAKAMI<br>Takayo<br>Prof.         | 1. Study of liver diseases and lipid nutrition<br>2. Study of the development of nutrition evaluation indicators in education of nutrition and health   |
|  | KUBOTA<br>Megumi,<br>Prof.          | 1. Research on the heredity factor and environmental factor of osteoporosis<br>2. Study of dietary education utilizing the characteristics of school lunch by life stage  |
|  | IRIE<br>Yasuyuki,<br>Prof.          | 1. Analysis of Functions of new tumor suppressor, Amida<br>2. Research on chronic kidney disease, CKD model, using extension cultivation stimulation model  |
|  | SHUTO<br>Emi,<br>Associate<br>Prof. | Elucidation of the mechanism of food functional ingredients that suppress cancer stem cells and their application to nutritional management.  |

|                                 | Supervisor                                | Major Research Themes  |
|---------------------------------|---|--|
| Food Nutritional Science Course | ITO<br>Hideyuki,<br>Prof.                 | <ol style="list-style-type: none"> <li>1. Isolation and characterization of bioactive natural products</li> <li>2. Analysis of bioactive food components</li> <li>3. Bioavailability of functional polyphenols</li> </ol>  |
|                                 | TANAKA<br>Koichi,<br>Prof.                | <ol style="list-style-type: none"> <li>1. Searching for and cultivation of microorganisms to manufacture fermented food products with new characteristics and functions</li> <li>2. Searching for and cultivation of microorganisms for efficient biomass energy production</li> </ol>   |
|                                 | YAMASHITA<br>Hiromi,<br>Prof.             | <ol style="list-style-type: none"> <li>1. Skeletal muscle function on energy metabolism</li> <li>2. Functional food factors associated with skeletal muscle function, energy metabolism, and anti-aging.</li> <li>3. Functional food factors associated with prevention of muscle atrophy and life style-related diseases</li> </ol>   |
|                                 | KAWAKAMI<br>Yuki,<br>Associate<br>Prof.   | <ol style="list-style-type: none"> <li>1. Research on food constituent's mechanism of action and application to lifestyle-related disease</li> <li>2. Molecular biological research on arachidonate cascade</li> </ol>   |
|                                 | IKEGUCHI<br>Motoya,<br>Associate<br>Prof. | <ol style="list-style-type: none"> <li>1. Development of functional food (food with health claims, health food, dietary supplements, etc.); Research on dose extrapolation from animals to human, Clinical research</li> <li>2. Research on systematic reviews for and meta-analysis approaches to functional material search and functional food development; Research on Japanese and overseas legal systems regarding functional food</li> <li>3. Surveys on consumer psychology and behavior, market and marketing, and development of concepts regarding functional food</li> </ol> |

### **III Overview of the Master's Course of Health and Welfare Science**

The super aging society of the 21st century requires social system design principles and methodologies for the realization of physically, mentally, socially healthy and affluent lives and the improvement of quality of life through the human lifecycle, with or without disease or disability. Our Master's Course of Health and Welfare Science is promoting research into true lifelong welfare centered on human health. Accordingly, the master's course offers courses oriented toward the three areas mentioned below to provide opportunities for education and research through the pursuit of the respective specialties and mutual collaboration: 1) theorization of collaboration and integration between health, welfare and medical services, the establishment of health and welfare assistance policies and pursuit of a social adjustment theory in light of the characteristics of disabilities; 2) development and theorization of clinical technology and care management to achieve the well-being of children, the disabled and the elderly, including pursuit of concrete and practical approaches; 3) pursuit of theories and approaches which lead to health and welfare practices based on the scientific analysis of mental/ physical characteristics related to adaptive behaviors by a variety of people, including children, the disabled and the elderly; and 4) pursuit of theories and practical approaches regarding infant and child education.

#### **A Overview of Courses**

##### **1. Health and Welfare Policy Course**

This course systematically analyzes the actual status of health and welfare assistance for children, the elderly and disabled with a focus on the various issues that arise in a society with a low birthrate and an aging population, and the formation process of a long-lived society.

Furthermore, to respond to requests for the establishment of a care system that corresponds to health maintenance, disease and disability through collaboration among health, welfare and medical services, this course provides education and research required to pursue health and welfare assistance policies required by government agencies and institutions along with planning and evaluation.

##### **2. Social Work and Service Course**

This course helps students acquire the interdisciplinary skills and advanced specialized knowledge needed to provide assistance activities to individuals with physical, mental or social problems. Keeping the fact in mind that the qualitative aspects of such activities have been brought into question due to past quantitative responses, this course provides education and research required for the development and practice of assistance technology necessary for local governments, including medical institutions, facilities for disabled adults/children, nursing homes and child welfare institutions.

##### **3. Health Related Social Service Course**

There is a growing need for health and welfare assistance that fits each stage of the life cycle. Satisfying this need requires the ability to analyze activities in the context of the living environment and the characteristics of individual disabilities. This course provides education and research required to develop objective evaluation methods for physical and psychological functions to promote adaptation to the environment by disabled adults/ children and the elderly, and the implementation and development of methods for research and practical situations.

##### **4. Child Education and Science Course**

With the environment surrounding children changing dramatically due to the declining birthrate and increasing numbers of women entering the workforce, providing education that nurtures children's potential, and supports their sound physical, psychological and social growth has become even more important. This is designed to equip students with specialized knowledge and methodologies that allow them to identify and address practical issues in child science and education as they become ready to pursue careers in advanced research and education.



**B Health and Welfare Science Major Research Themes**

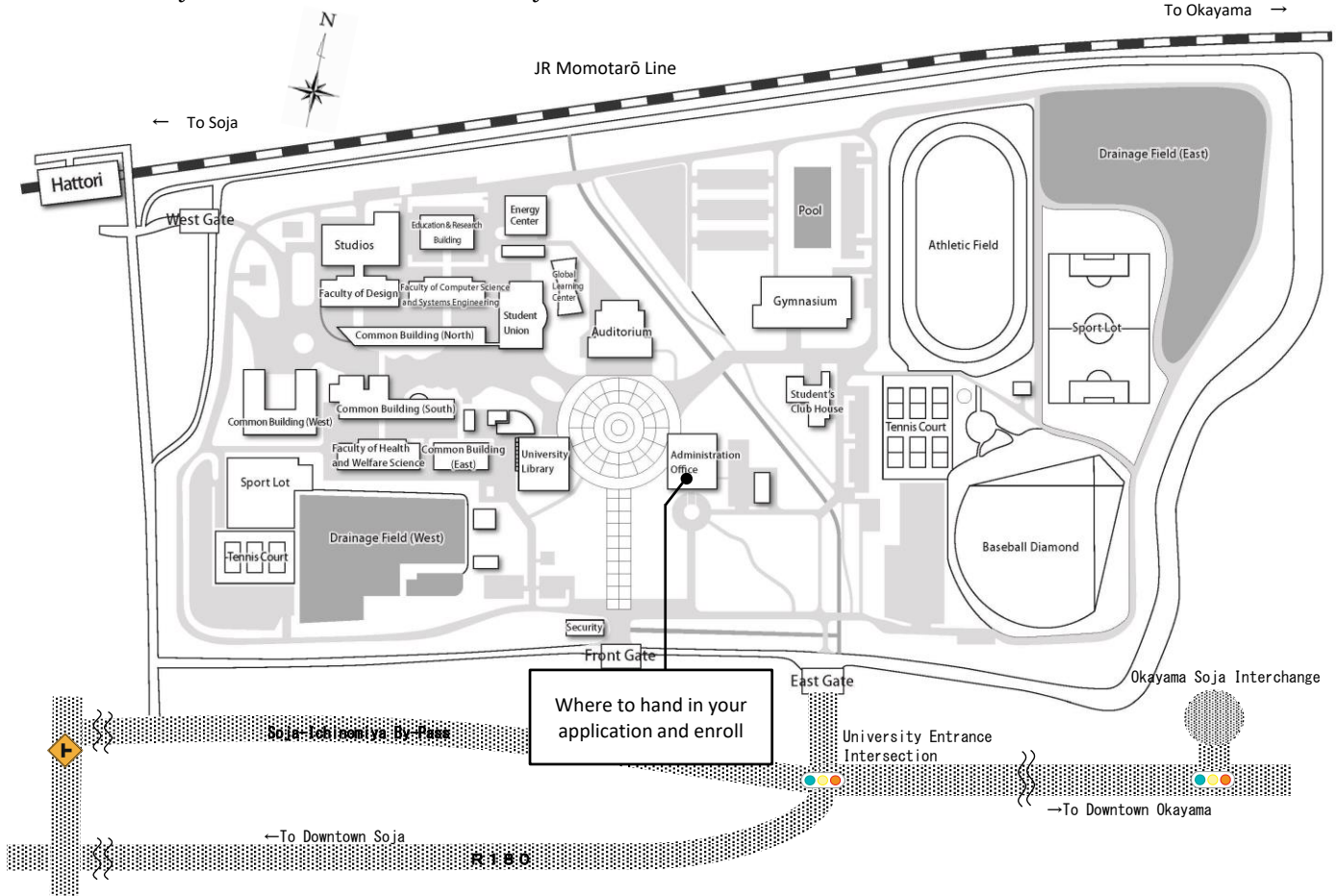
FY 2024 preliminary curriculum

|                                  | Supervisor                       | Major Research Themes   |
|----------------------------------|----------------------------------|---|
| Health and Welfare Policy Course | KONDO Rie, Prof.                 | 1. Research on comparison between Japan, Korea, and France of child poverty, single parent family, child abuse, DV, foster parent, adoption, and bullying<br>2. Research on cooperation between educational administration and welfare administration   |
|                                  | IWAMITSU Kenji, Prof.            | Town development through support for individuals (youth and disaster victims) living in poverty   |
|                                  | KIMURA Hitoshi, Associate Prof.  | Research on welfare industry management   |
| Social Work and Service Course   | MURAKOSO Takashi, Prof.          | 1. Research on social work related to seniors' loneliness prevention<br>2. Research on employment support for with intellectual disabilities  |
|                                  | NAKAMURA Hikaru, Prof.           | 1. Research on the development and aging of languages and recognition<br>2. Research on assessment and intervention of neurogenic communication disorders (aphasia, higher brain dysfunction and dementia)  |
|                                  | SAKANO Junko, Prof.              | 1. Research on Life Skill of the mentally disabled<br>2. Research on Sense of Coherence in mental health and welfare  |
|                                  | TAKEMOTO Yoshihito, Prof.        | 1. Research on human resource cultivation and management models utilizing supervision under high-stress environments<br>2. Research on financial conditions of individuals with dementia and their family caregivers, and the utilization of social security systems  |
|                                  | KIRINO Masafumi, Associate Prof. | 1. Research on support for family caregivers<br>2. Research on work-life balance and integration of family caregivers   |
|                                  | OKURA Takashi, Associate Prof.   | 1. Research on support methods by relationship (spouse, parent, child, brother or sister) for families of individuals who commit suicide<br>2. Research on occupation- and role-based support methods employed by community-based support organization staff for families of individuals who commit suicide |

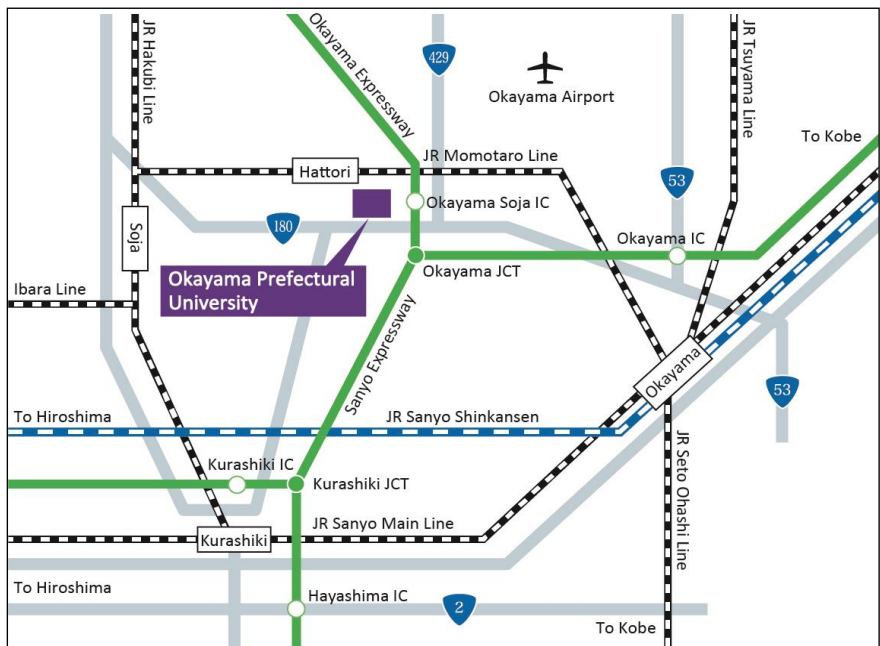
|                                      | Supervisor                              | Major Research Themes   |
|--------------------------------------|---|---|
| Health Related Social Service Course | TAKATO<br>Jinro,<br>Prof.               | <ol style="list-style-type: none"> <li>1. Research on mobility support for individuals with visual impairment</li> <li>2. Research on preventing or delaying the need for nursing care for the elderly</li> </ol>   |
|                                      | RAKUGI<br>Akiko,<br>Associate<br>Prof.  | <ol style="list-style-type: none"> <li>1. Research on group dynamics for clinical-psychological problems</li> <li>2. Action research regarding self-governance by residents in depopulated rural communities</li> </ol>   |
|                                      | SATO<br>Yukari,<br>Associate<br>Prof.   | <ol style="list-style-type: none"> <li>1. Research on partnership with individuals with dementia</li> <li>2. Research on evacuation behaviors of individuals requiring assistance during disasters</li> <li>3. Basic research on skill improvement of health and welfare professionals</li> </ol>       |
| Child Education and Science Course   | AKUTSU<br>Taichi,<br>Prof.              | <ol style="list-style-type: none"> <li>1. Musical development and communication in the lives of young children</li> <li>2. Curriculum design and assessment in music education (especially in the realm of early childhood education, strings education, and distance education)</li> </ol>             |
|                                      | NIIYAMA<br>Junko,<br>Associate<br>Prof. | <ol style="list-style-type: none"> <li>1. Research on dance curriculum</li> <li>2. Research on methods of teaching physical expression activities for children</li> <li>3. Research on dance and life-long education</li> </ol>   |
|                                      | TAKAHASHI<br>Tamiko,<br>Prof.           | <ol style="list-style-type: none"> <li>1. Research on involvement with nature in childhood</li> <li>2. Research on environmental and disaster control education in infancy</li> <li>3. Practical research regarding cooperation among kindergartens, nursery schools, and elementary schools</li> </ol> |
|                                      | OBATA<br>Chiharu,<br>Associate<br>Prof. | <ol style="list-style-type: none"> <li>1. Research on the psychological connection (human bond) between parents and children</li> <li>2. Research on development and mental health in infants and pre-school children</li> </ol>  |

# Map to Examination Venue Okayama Prefectural University

**NO SMOKING ALLOWED ON THE CAMPUS**



## Examination Venue Guide



### <Transport>

A 5 minute walk from JR Momotarō Line Hattori Station (takes approximately 30 minutes from JR Okayama Station and 8 minutes from JR Soja Station)  
 Approximately 2.5km from the Okayama Expressway, Okayama Soja Interchange.  
 Approximately 18km from the center of Okayama city (via Route 180) and 12km from the center of Kurashiki city (via Route 429).

**Where to contact concerning application, entrance examination and other information**

Admissions Service Section, Educational Affairs Division  
Okayama Prefectural University  
111 Kuboki, Soja-shi, Okayama Pref. 719-1197, Japan  
Phone: +81-866-94-9163 (Direct Number)  
+81-866-94-2111 (Main Number)

Website            <https://www.oka-pu.ac.jp/>  
e-mail address    [nyushi@oka-pu.ac.jp](mailto:nyushi@oka-pu.ac.jp)