



The Student Recruitment Guideline for the Year 2023

Graduate School of Kagawa Nutrition University

Master's Program <Nutrition Sciences Degree Program>

1. Purpose and Content

The purpose of the University's master's program (first half of the doctoral program) is to help students gain academic knowledge regarding nutrition sciences from a broader perspective on the foundation of the basic education and specialized training acquired in the Undergraduate School of Nutrition Sciences, develop the ability to conduct research in an area of specialization or advanced practical abilities, and contribute to society. In addition, with the creation of the Undergraduate School of Nutrition Sciences, the University has engaged in education related to basic nutrition sciences and training in applied nutrition sciences as its educational aim, and has emphasized it as unique academic knowledge, and the educational policy for this program as well is to aim for advanced learning in applied nutrition sciences. The courses, faculty members, and research areas are as follows. With these, we will cultivate people who are able to resolve issues related to nutrition in today's Japan and international community and those of the future, and take on the responsibility of development. Specifically, we will develop researchers and advanced human resources related to the areas of basic nutrition sciences, applied nutrition sciences, biological sciences, food culture sciences, and food sciences. Information on development of advanced human resources can be found under "Overview of the Advanced Human Resources Development Program." We apply the stipulations of Article 14 of the Standards for the Establishment of Graduate Schools (Special Provisions on Education Methods) and hold some courses of this major program on Saturday at the Sakado Campus. Necessary research guidance can be conducted at night or other specific times, or at other graduate schools or research laboratories, etc., for no more than one year, in accordance with discussions with those organizations. In addition, the University's Graduate School Nutrition Sciences Major "Course Certification Program" (program name: Program for Development of Advanced Human Resources Related to Establishment of Dietary Environments to Extend the Length of Healthy Lives) which has been certified by the Ministry of Education, Culture, Sports, Science and Technology as a "Brush up Program for Professional" (BP) was started during the 2016 academic year.

2. Enrollment capacity: 12 students (Total capacity: 24)

3. Standard length of course of study: 2 years

4. Academic Degree: Master's (Nutrition)

Master's degrees (Nutrition) are awarded to students who have been enrolled in the master's program for at least two years, earned at least 30 credits in course work under the guidance of advisors, and passed a master's thesis (or advanced human resources development training results report in the case of the Advanced Human Resources Development Program) review and a final examination.

5. Courses, Credits, Assigned Faculty Members

The courses, number of credits, and assigned faculty members in the Nutrition Sciences Major are as indicated in the table on the following page. When individuals who have acquired junior/senior high school teacher Class-1 certification (home economics) take the specified courses, they can acquire junior/senior high school teacher special certification (home economics), and when those who have acquired nutrition teacher Class-1 certification take the specified courses, they can acquire nutrition teacher special certification. Further, in the Food Services Management Program and Food Analysis/Quality Control Program of the Advanced Human Resources Development Program, qualified dietitians from the Nutrition Sciences Major of the University's Department of Health and Nutrition gain practical experience as dietitians at an on-campus facility while enrolled in the University's Graduate School, and can acquire eligibility for the national exam to become a registered dietitian.

6. Overview of Research Guidance

The following is an overview of research guidance for writing a master's thesis. The courses are Specialized Seminar in Nutrition Sciences (2 credits) and Specialized Laboratory Work and Practical Training Seminar in Nutrition Sciences (12 credits). Advisors (faculty members who conduct research guidance, etc.) recruiting students for the new academic year are the full-time faculty members listed below.

Human Growth and Development Studies, Shigeho Tanaka, Professor

On the issues of lifestyle habits (e.g., physical activities and sedentary behaviors as well as sleeping patterns and diet) and energy requirements of children, adults, and elderly, this course aims at learning methods of collecting and interpreting scientific knowledge, methods of evaluation and experiment planning, and interpretation of the analytical results. The course also aims at deepening understanding on the issues related to lifestyle habits and energy requirements and at enhancing analytical abilities to identify and resolve human growth related issues.

Nutrition for the Elderly, Shouji Shinkai, Professor

Food and nutrition play an extremely important role in healthy longevity. In addition, nutritional management that takes into account the characteristics of older adults is required to deal with frailty, locomotive syndrome, low nutrition, and dementia, which are health issues unique to older adults. Furthermore, food plays a role in bringing people together and reducing the risk of isolation. In this course, we will learn about nutrition for older adults, which is useful in the field, through nutritional epidemiological research and practical nutritional guidance.

Basic Nutrition, Terue Kawabata, Professor

(1) Students will study the relationship between maternal nutrition (DHA; folic acid; vitamins A, D, and E; amino acids, etc.) during pregnancy and lactation periods, and the growth and development of fetuses, newborns, and infants.

(2) Students will study the relationship between the amount/quality of dietary fatty acids (saturation/n-6 and n-3/trans fatty acids, etc.) and lifestyle diseases (obesity, hyperlipidemia, diabetes, etc.), including the effects of gene polymorphisms.

Nutritional Physiology, Kazuhiro Uenishi, Professor

(1) Changes in bone mass are influenced by lifestyle habits such as diet and exercise. From the perspectives of epidemiology and experimental nutrition, this course will extensively examine and discuss the influences of lifestyle and intake of minerals, including calcium, and vitamins D and K on bone mass in the growth to elderly stages in life.

(2) Absorption and use of calcium and several other minerals by humans, from the perspective of experimental nutrition;

(3) Involvement of athletes with nutrition, through research and interventional studies; and

(4) Lifestyles and physical conditions in the growth stage, in a longitudinal and cross-sectional manner.

Clinical Nutrition, Osamu Ishihara, Professor

This course aims to generate scientific evidence for the significance of diet, nutritional management, and exercise habits by focusing on various symptoms seen in women during periods of major changes in the sex hormone environment using various approaches, including epidemiological, endocrinological, and social-psychological approaches.

Nutrition Management, Hiromi Ishida, Professor

This course aims to study nutritional assessment and diet management for the purpose of nutritional management of individuals, small groups (e.g., people in growth stage, pregnant/lactation periods, athletes) or users of specified food service facilities, and quality/production control systems in specified food service facilities from the viewpoint of nutritional management.

Nutrition Education, Fumi Hayashi, Associate Professor

Research in field of nutrition education aims at changing the dietary behaviors of the individual or population through effective communication and other activities to enhance QOL, health promotion, and disease prevention. Since the health and nutrition problems people face vary depending on their life-stage

and lifestyle, we will conduct a research on effective nutrition education strategies based on behavioral science as well as exploring determinants that enabling or inhibiting behavioral changes. Researches will take place in the individual level, as well as the community level.

Community Nutrition, Yukari Takemi, Professor

As research on community nutrition, this course conducts researches on health and nutritional status assessments in regions and occupational fields, and on dietary habits improvement and dietary environment improvement based on the assessments.

Specifically, we will carry out research and surveys for the assessment of priority nutrition issues of regional and occupational groups, development of assessment tools and evaluation indicators, and studies on food environment improvement, etc.

Health Management at School, Nobuko Endo, Professor

This course aims to study the current state of analysis and countermeasures for various issues related to the physical and mental health of students and health management from the perspective of nutrition and nutrition teachers, and to provide research guidance on the development of educational methods and programs for health management.

Molecular Nutrition, Akiko Fukushima, Professor

In this course, the process by which dietary factors develop into functional expression will be studied at the genetic level. The process of gene expression involves a number of transcription factors and chromosomal structural changes. These will be analyzed mainly by using molecular biological methods. In addition, we will analyze the mechanism of decreasing expression of lactose degradation enzymes in the weaning period.

Food Cultural Anthropology, Akiko Moriya, Associate Professor

This course aims at studying the social and cultural aspects of food (i.e., the significance of food to humans) from the anthropological perspective. We will conduct on-site surveys in the fields that are in line with the themes both in Japan and overseas and examine the findings obtained from the comparative cultural perspective.

Environmental Education, Rie Imoto, Professor

This course aims to study relationship between dietary life and the environment in terms of housing study and environmental education study. The following are the themes:

- (1) Study on food environment such as coordinating dining space

(2) Theoretical study of relationship between dietary life and environmental issues, and study of educational contents and practical method. Exploration of food environmental education including environmental theory, legal system, economic systems, and culture from a viewpoint of ecologically sustainable development (ESD) in school education and social education.

Food Analysis, Teruyuki Usui, Professor

This course aims at studying chemical change of food components (sugars, amino acids, aromas, etc.) and functions of formed products. Focusing on experiments using analytical instruments and cultured cells, we will reveal an aspect of food components that has yet to be elucidated. The course will also pursue the development of new analytical indicators in food analysis. The research themes will be decided after consultation.

Food Material Development, Masataka Saito, Associate Professor

Food-derived specific components are prepared to evaluate the effectiveness of each component as a food material. First, this course examines efficient production methods, and then aims to clarify the properties of food materials and the mechanism of action of food functions. Next, to understand which food components contained in materials demonstrate high functionality in tissues, a comparative analysis with known food components is performed through evaluation using human cultured cells and metabolome data analysis in biological tissues. In cooperation with national research institutes and food companies, we also work on the development of food materials that can be applied to food functionality and food quality control.

Food Functions, Toshhide Nishimura, Professor

This course aims at studying on the tastes and health functions of foodstuff. Specifically, focusing on the koku taste, which contributes to deliciousness, the course aims at identifying substances that contribute to the formation and enhancement of the koku taste of meat and meat products, butter, egg yolks, and other food ingredients, and understand their mechanisms. In addition, the course aims at elucidating the antioxidant and anti-stress effects of proteins and peptides contained in livestock derived foods through the analysis of substances and using genetically modified mice.

In addition, cultivate the ability to identify and solve problems, give presentations, and communicate, through research and a literature abstract. Students will cultivate the ability to identify and solve problems, give presentations, and communicate, through research and reading extracts from literature.

Food Preparation Science, Keiko Shibata, Associate Professor

This course will conduct multifaceted analyses and examinations of changes to the physical properties,

structures, and components of food ingredients caused by heating and cooking by taking physical and chemical measurements and sensory evaluations, and study the relation between the changes and palatability (especially in texture and taste). Also, the course will seek a scientific explanation of the changes in states of the food during the cooking process and examine cooking properties of food ingredients to study rational cooking methods.

Cookery & Dietary Life, Fumiko Konishi, Professor

Students will conduct research on cooking or dietary habits and health. The themes are as follows.

- 1) Research on the quantification of food servings
- 2) The influence of the dietary environment and involvement in cooking on the self-esteem of junior and senior high school students

Themes other than those listed above are also possible, and will be decided through discussion.

Overview of the Highly Skilled Human Resources Development Program

Now is the time for professionals who implement human nutrition science.

Nutrition and diet are becoming increasingly important in Japan, where the declining birthrate and the aging of the population are advancing, in order to extend the healthy lifespan of people.

In the Nutrition Sciences Major, we develop advanced human resources who implement nutrition science in society, through the following programs. In addition to specialized experiments, practical training, comprehensive exercises, and other courses required by the master's program, students also take required courses designated by the individual program. In addition, students gain the ability to explore and utilize scientific rationale, the ability to plan and implement more advanced experiments and investigations, the ability to analyze data, the ability to think logically, and other qualities required for advanced human resources, mainly through off-campus on-site practical training and other unique methods of learning indicated below. Students can earn a master's degree (Nutrition Sciences) by compiling the finding of the research in a master's thesis (advanced human resources development training results

| Specialized Program | Aim of Development Available Credentials and Qualifications | Characteristics of the Study Method | Students We Seek | Main Assigned Faculty Members (Area) |
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| Clinical Nutrition (Medical) | <p>Students acquire nutrition management skills for clinical settings, including the ability to evaluate the nutritional status of diseases and pathological conditions, nutritional supply, nutrition education, etc., with expertise in clinical nutrition needed for the scientific verification and implementation of the integration of food and health clarified.</p> <p>Acquire eligibility to take certification examinations from academic societies related to the field of clinical nutrition (planned).</p> | <p>Conduct practical training for approximately six months at special functioning hospitals, etc., as an internship.</p> <p>Experience actual clinical nutrition management related to the issues students have set, at the same time writing reports on nutrition management cases, and compile them into a master's thesis.</p> | <p>(1) Students advancing straight from an undergraduate program to a master's program (Individuals expecting to acquire eligibility for the national exam to become a registered dietitian)</p> <p>(2) Registered dietitians working in the clinical nutrition area</p> | <p>Keiko Honda, Professor (Medical Nutrition)</p> <p>The student recruiting for AY 2023 will not be conducted.</p> |
| Public Nutrition (Administrative Dietitian/Community Nutrition Activities) | <p>Acquire the skills to promote work based on the identification and analysis of the actual circumstances of the health and nutrition issues of local residents in prefectures and municipalities, and the ability to (1) design investigations and analyze data and (2) present information to relevant parties in the area in an easy-to-understand manner, and collaborate with them as needed for the planning and evaluation of effective projects.</p> | <p>Conduct practical training for approximately six months with the cooperation of either (1) a local municipality (Prefectures/, cities/towns/villages) or (2) a private firm engaging in establishment of dietary environments.</p> <p>Using existing data etc., conduct an investigation of regional diagnosis, etc., related to the issues you have set, and compile them in a master's thesis.</p> | <p>(1) Students advancing straight from an undergraduate program to a master's program (Individuals expecting to acquire eligibility for the national exam to become a registered dietitian)</p> <p>(2) Currently active administrative dietitians and other people currently working in the field of public nutrition</p> | <p>Yukari Takemi, Professor (Community Nutrition)</p> <p>Fumi Hayashi, Associate Professor (Nutrition Education)</p> |

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| Food Services Management*1 | Acquire the ability to manage organizations so that the latest nutritional knowledge can be utilized in food services, and the ability to apply the acquired knowledge and link it to the projects and activities of the organization with which you are affiliated, and identify and improve problems with current circumstances. | This overlaps with the BP (Program for Development of Advanced Human Resources Related to Establishment of Dietary Environments to Extend the Length of Healthy Lives) of the Ministry of Education, Culture, Sports, Science and Technology. (Students can acquire certificates of completion for the program taken.) | (1) Students advancing straight from an undergraduate program to a master's program (2) Registered dietitians working in the food services management area (3) Individuals currently working in food services | Hiromi Ishida, Professor (Nutrition Management) |
| Sports Nutrition | Acquire the skills to manage the nutrition of athletes, and the skill to provide meals aligned with the aims of nutrition management in small groups. | Incorporate practical training at a location where support for the nutrition of athletes can be implemented under the guidance of a registered dietitian or practical training involving support for a certain competitive team or teams. | (1) Students advancing straight from an undergraduate program to a master's program (Individuals expecting to acquire eligibility for the national exam to become a registered dietitian) (2) Registered dietitians who have already graduated | Kazuhiro Uenishi, Professor (Physiological Nutrition) Hiromi Ishida, Professor (Nutrition Management) |

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| Global Nutrition | Acquire the international perspective, multicultural understanding, an understanding of international nutrition policy, program planning and implementation management skills, etc., necessary to improve daily living and to conduct activities to improve nutrition, mainly in the field of international cooperation in developing countries, etc. | Conduct practical training for several months in agencies/organizations related to international health and nutrition as an internship. (Select appropriate domestic and foreign institutions according to the applicant's background and language skills.) | (1) Students with a background in nutrition sciences (2) We welcome students from other fields who are experienced in international cooperation or who would like to participate in the field of international nutrition in the future. | The student recruiting for AY 2023 will not be conducted. |
| Food Analysis/Quality Control* | In addition to deepening knowledge related to food analysis and quality control, acquire expertise in improving the quality of food and optimizing display through training in logical thinking and experimental techniques (functional ingredient analysis, quantitative analysis). | Conduct experiments such as chemical quality evaluation of food and analysis of functional ingredients. Experience food labeling such as nutrition labeling. Conduct food analysis for approximately six months at public research institutes as an internship. | (1) Students advancing straight from an undergraduate program to a master's program (2) Students with a background in nutrition sciences (registered dietitian) | Masataka Saito, Associate Professor (Food Ingredient Development) |

*1 [Food Services Management Program] [Food Analysis/Quality Control Program] Qualified dietitians from the Nutrition Sciences Major of the University's Department of Health and Nutrition gain practical experience at an on-campus facility while enrolled in the University's Graduate School, and can also work toward acquisition of eligibility for the national exam to become a registered dietitian. [Dietitian Practical Experience Program]

*2 The student recruiting for AY 2023 will not be conducted.

Master's Program <Health Sciences Program>

1. Purpose and Content

Currently, there is a need to build a health care system and improve the quality of health care workers in Japan to cope with the super-aging society. On the other hand, from a global perspective, an international health crisis management system that can cope with emerging and reemerging infectious disease epidemics and global environmental problems has become an issue.

This program strives to contribute to the promotion of health and the creation of a society that makes this possible by developing healthcare specialists who have the expertise and crisis management capabilities, as well as the high ethical standards, to respond to the needs of contemporary society from a global perspective.

Specific details concerning the development of researchers and experts are as given in the overview of courses, faculty members, research guidance, etc., below. The aim is to cultivate human resources who can take the lead in the three fields of health sciences, clinical pathological biochemistry, and practical school health science. In other words, the aim is to develop 1) specialists in health education and community healthcare/healthcare services, 2) researchers who can identify the true nature of diseases in clinical settings, and 3) researchers and specialists who will drive healthcare in schools.

Meanwhile, the Advanced Human Resource Development Course will develop human resources who can meet the demands of society through on-site training. The contents are as follows.

1) In Health Sciences, we develop human resources who excel in health education and can be active in health promotion centers and sports-related groups. 2) In Clinical Pathological Biochemistry, we develop registered dietitians who engage in nutrition guidance work while utilizing the knowledge of clinical laboratory technicians, who are eligible for the national exam to become a registered dietitian, and who are thoroughly familiar with the field of testing.

In addition, the School Health Teaching Course, which will be newly established in 2022 in place of the Advanced Human Resources Course, will function as a professional graduate school specializing in the training of yogo teachers. The content of the course aims to develop human resources who can become school leaders equipped with solid teaching theories and excellent practical skills, which are essential for driving the development of new schools and playing a leading role in the community and in schools. In accordance with the stipulations of Article 14 of the Standards for the Establishment of Graduate Schools (Special Provisions on Education Methods), we hold some of the courses of this major program on Saturdays and on weekday evenings at the Sakado Campus. Necessary research guidance can be given at night /other specific times / other occasion / other methods such as online etc, or at other graduate schools or research laboratories, etc., for no more than one year, following discussions with those organizations.

2. Enrollment capacity: 8 students (Total capacity: 16)

3. Standard length of course of study: 2 years

4. Degree: Master's (Health Sciences)

Master's degrees (Health Sciences) are awarded to students who have been enrolled in the master's program for at least two years, earned at least 30 credits in course work under the guidance of advisors, and passed a master's thesis (or advanced human resources development training results report in the case of the Advanced Human Resources Development Program, research reports in the case of the School Health Teaching Course) review and a final examination.

5. Courses, Credits, Assigned Faculty Members

The courses, number of credits, and assigned faculty members in the Health Sciences Major are as indicated in the table on the following page.

When individuals who have acquired nutrition teacher Class-1 certification take the specified courses, they can acquire nutrition teacher special certification, and when individuals who have acquired junior/senior high school teacher Class-1 certification (health) take the specified courses, they can acquire junior/senior high school teacher special certification (health).

In addition, in the Nutrition Support Clinical Laboratory Technician Program of the Advanced Human Resources Development Program, students in the Nutrition Sciences Major of the University's Department of Health and Nutrition who expect to acquire qualifications as dietitians and clinical laboratory technicians, or graduates who have already acquire both qualifications, can acquire eligibility for the national exam to become a registered dietitian in their second year. (For details, see the Overview of the Advanced Human Resources Development Program of the Health Sciences Major.)

6. Overview of Research Guidance

The following is an overview of research guidance for writing a master's thesis. The courses are seminars (2 credits) and laboratory work and practical training (12 credits). Advisors (faculty members who conduct research guidance, etc.) recruiting students for the new academic year are the full-time faculty members listed below.

Environmental Health, Ken Kawamura, Professor

Substances in the environment invade or move into our bodies through various pathways. While being modified through metabolism or some other ways. they are often accruable to development of various deceases and deterioration of health conditions. This course aim at carrying out researches on dynamics

and mechanisms in living organisms using methods of experimental pathology or epidemiology.

Community Health, Shouji Shinkai, Professor

Through participation in a cohort study (including data collection) of local residents, learn the basics of epidemiological research and analyze data by setting one's own tasks. Furthermore, participate in an urban development project for health and longevity conducted in Tokyo and gain experience in cross-professional collaboration. Based on the above, carry out basic research and practical activities related to community health.

Health Statistic, Hiromitsu Ogata, Professor

Rational grounds are necessary to take appropriate measures against the influences of lifestyle and environmental factors on health. Instruction will be given on the following themes with the aim of conducting research that provides such evidence.

- (1) Research on statistical analysis using epidemiological data, clinical data, etc.
- (2) Research on the construction of methodologies and statistical models for health risk assessment

Kinanthropometry, Masaharu Kagawa, Associate Professor

“Kinanthropometry” is a scientific discipline to understand growth, nutritional status, body composition, and performance of individuals and groups through application of anthropometry. The research group conducts a range of projects including:

- (1) Body image in different population and its associations with physique, behaviours, physical and mental health status, and personality;
- (2) Understanding of the physical characteristics of athletes and its associations with eating behaviours, nutritional status, and performance;
- (3) Validation of anthropometric and body composition assessment tools in health screening;
- (4) Development of new evaluation/educational tools for lifestyle modification

Sports Methodology, Yoshinori Kaneko, Professor

- (1) Research on development and evaluation of practical physical exercise methods for primary prevention of lifestyle-related diseases and frailty prevention.
- (2) Research on health promotion focusing on physical exercise carried out in parks in Japan and overseas.
- (3) Research on the relationship between continuous participation in sporting events and health.

Clinical Biochemistry, Naoko Ikoshi, Professor

Aiming to become a clinical laboratory technician who has a detailed knowledge of diabetes, each

student will work to understand the causes, conditions, and classifications of diabetes and learns the latest tests, treatments, and analyses. To achieve this, each student will measure his/her own glycemic excursion and understands the reality of blood glucose management through the experience. In addition, students will study diabetes testing and guidance carried out in clinical practice and pursue how to act as a clinical laboratory technician.

Molecular Biology, Akiko Fukushima, Professor

Gene expression in intestinal cells often varies depending on dietary factors. This course aims at analyzing this phenomenon at the genetic level using model experimental systems, such as laboratory animals and cultured cell lines. An example is the changes in the expression of mineral transporter genes caused by indigestible carbohydrate intake.

Immunology, Kenichi Ishibashi, Associate Professor

The immune system is one of the important systems for maintaining biological homeostasis involved in the prevention of infection from pathogens and the development of ailments such as allergies. This course aims at undertaking researches on the immune response to microorganisms, which are widely present around us (e.g., in the environment and foods), and their influences on the immune system when consumed, as well as on the infection-fighting functions (e.g., activation of mucosal immunity and antibody production) and immunomodulation properties.

Exercise and Pathophysiology, Toshikazu Yamashita, Professor

This course aims to elucidate physiological mechanism of exercise in improving pathology and helping maintain and enhance health, particularly focusing on inflammation and hypersensitivity of the respiratory tract, the pathology of bronchial asthma. Since this mechanism may change by the presence or absence of other underlying diseases, the study will be conducted by using wide-ranging techniques, including experiments in model animals and humans.

School Health Nursing, Nobuko Endo, Professor

- 1) Research on the current analysis of and countermeasures for various issues related to school health and school health nursing/caregiving.
- 2) Research on youth health issues and assessment of school nurse teachers.
- 3) Research on methods and systems (proposals and developments) for solving problems and developing health observation, health counseling (including health counseling activities), and health guidance conducted in the field of school health or by school nurse teachers.

Human Growth and Health, Shigeho Tanaka, Professor

On the issues of obesity, underweight and lifestyle habits (e.g., physical activities, sedentary behaviors, sleeping patterns and diet) of children, students will learn methods of collecting and interpreting scientific knowledge, methods of evaluation and experiment planning, and how to interpret the results. Through these activities the students will work to understand the issues related to children's obesity and lifestyle habits and to improve their abilities to identify and solve issues.

Pathology in Nursing, Kumiko Onuma, Professor

School nursing covers all educational activities provided to support the growth and development of school children and students through their physical and mental health maintenance (health management) and improvement (health education). For the solution of the increasingly diverse and complex modern health issues, this course will conduct practical research specific to nursing teachers. Research themes will include health consultation activities, health education conducted by nursing teachers, management of school sick rooms, and "hiyari/hatto" (nearly missed, potentially serious accidents) experienced by nursing teachers.

Overview of the Highly Skilled Human Resource Development Program

It is extremely important for graduate students to become familiar with nutrition and food to enable them to be active in fields related to people's health, especially nutrition-related fields. However, human resources with a high level of social contribution who further learned other advanced expertise and skills and can fully apply them are currently needed.

In the Health Sciences Major, we prepare specialized coursework that emphasizes implementation to enable students to fully utilize in real society the things they learned as undergraduates, mainly consisting of book learning, in each of the three fields, and develop human resources who have acquired more advanced expertise and skills in accordance with the "Aim of Development" and "Characteristics of the Study Method" indicated below. In other words, we develop students who are masters (Health Sciences) with abundant practical experience and the ability to utilize fully their ability to respond to the various situations that can arise in contemporary society, by having them take required and elective courses in the master's program and engage in long-term training outside the university as specified by the individual program.

In the Nutrition Support Clinical Laboratory Technician Program, students can acquire eligibility for the national exam to become a registered dietitian. Please see the description of the Dietitian Practical Experience Program on page 30 of Japanese guideline for details.

| Field | Health Sciences | Clinical Pathological Biochemistry |
|---------------------|---|---|
| Specialized Program | Regional Health Promotion Support Program | Nutrition Support Clinical Laboratory Technician Program |
| Aim of Development | <p>Japan has become a super-aged society, and promotion of health for the elderly is now a significant issue for the country. In recent research, it has been pointed out that there is a state of frailty (infirmity) between a healthy state in which elderly people can live independent lives, and a state of requiring support and care. During this period, it is possible for the individual to return to a healthy state through appropriate intervention by others close to the individual, who notice the changes.</p> <p>Two major factors that advance the frailty are sarcopenia (muscle loss and muscle weakness) and undernutrition, and we know that health condition worsens when both factors work in combination and the individual falls into the frailty cycle.</p> <p>Today, it is anticipated that aging will accelerate even more in the future, so it is necessary to train specialists who are able to support. This program aims to develop human resources who understand the actual circumstances in regions where aging is advancing, and can plan, implement, and evaluate health promotion in accordance with wants and needs from a specialized perspective.</p> | <p>Although the work of clinical laboratory technicians is diverse, in order to become active as a member of an NST (nutrition support team) in hospitals, it is important to acquire knowledge as a registered dietitian and to understand the relevant duties. Human resources capable of understanding examination work (devices, inspections, management, etc.) in hospitals and correctly analyzing and evaluating the inspection results, as well as enabling collaboration between both specializations that can respond individually to the patient's nutritional status are extremely rare and in high demand worldwide.</p> <p>This program aims to send much-needed medical staffs into society by developing clinical laboratory technicians master's (Health Sciences) who can contribute to nutrition management for the healthcare innovative manner. Qualified clinical laboratory technicians and dietitians learn about nutrition guidance methods while participating in some investigation tasks and aim to acquire eligibility for the national exam to become a registered dietitian.</p> |

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| <p>Characteristics of the Study Method</p> | <p>This program emphasizes the acquisition of implementation skills, mainly through practical training, in health promotion classes, etc., which combine exercise and nutrition for middle-aged and elderly people in complexes and regions in which aging is advancing.</p> | <p>In the first year, students conduct work related to nutrition guidance while utilizing their knowledge as clinical laboratory technicians under the guidance of registered dietitians at on-campus facilities (in addition to nutrition guidance support, testing of test bodies needed to manage the health of patients, data aggregation, etc.).</p> <p>In the second year, students continue to conduct research activities at on-campus facilities, or at other hospitals, universities, or research institutes. Saturday and evening courses are also available, and students can acquire eligibility for the national exam to become a registered dietitian by accumulating practical experience as dietitians for one year.</p> |
| <p>Students We Seek</p> | <p>(1) Students advancing straight from an undergraduate program to a master's program</p> <p>(2) Students from an area related to health promotion</p> <p>(3) Graduates or students who are expected to graduate and who are interested in health promotion that combines exercise and nutrition, such as health promotion centers, health-related groups, etc.</p> | <p>Individuals expected to acquire eligibility for the national exam to become a clinical laboratory technician in the Nutrition Sciences Major of the University's Department of Health and Nutrition, or graduates certified as clinical laboratory technicians</p> |
| <p>Main Assigned Faculty Members</p> | <p>Yoshinori Kaneko, Professor (Gymnastics Methodology)</p> | <p>Ken Kawamura, Professor (Environmental Health)Naoko Ikoshi, Professor (Clinical Biochemistry)</p> <p>Akiko Fukushima, Professor (Molecular Biology)</p> |

Doctoral Program <Nutrition Sciences Degree Program >

1. Purpose and Content

Nutrition Sciences is a comprehensive and multifaceted academic field that explores food, humans, their relationship, and all factors in their environment aimed at ensuring growth and development from human birth to old age, slowing aging, healing illnesses, and promoting the health of healthy people, etc. The study of all stages of life, all steps in the process of treating diseases, and all health conditions and physical functions can be approached from the perspective of nutrition sciences, and research is conducted at a variety of levels, including human genetics, cells, organizations, organs, individuals, and groups, etc. The importance of nutrition science as an academic field that contributes to extending healthy lives in societies with a low birthrate and an aging population, and in the sustainable growth of the international community, and other social issues, is growing even more.

However, it still cannot be said that nutrition research that responds to such needs of society, in particular research related to nutrition science that is directly tied to people's health, is sufficient, so it is necessary to develop researchers in nutrition and promote such research.

In 1989, Kagawa Nutrition University was the first private university to offer a three-year doctorate in nutrition sciences as a response to those circumstances, in order to contribute further to society from the perspective of utilizing nutrition and food to prevent the onset or worsening of lifestyle-related diseases, and of maintaining and improving societal living functions throughout people's lifetimes. We have continued to engage in those efforts since that time.

This program helps students to develop the advanced research capabilities required to conduct research as a researcher in their areas of specialization, and the deep academic knowledge that serves as the foundation, and to plumb those depths. Education is conducted solely through research guidance. In addition, necessary research guidance can be conducted at night or other specific times, or at other graduate schools or research laboratories, etc., in accordance with discussions with those organizations.

2. Enrollment capacity: 3 students (Total capacity: 9)

3. Standard length of course of study: 3 years

4. Degree: Doctorate (Nutrition)

Doctoral degrees (Nutrition) are awarded to students who have been enrolled in the doctoral program for at least three years, received the necessary research guidance, passed a doctoral dissertation review and a final examination, and received certification of completion of the program.

5. Education

The configuration of the area (subject) of specialization, faculty organization, and areas of research guidance are as indicated in Table 1 and Table 2 below. Research guidance is provided by the main advisor, and as necessary, secondary advisors (no more than two).

Research Guidance Area

Table

The areas (subjects) of research guidance and the names of the assigned faculty members for recruitment of students in the new academic year are as indicated in the table below. Main advisors are to be selected from among the assigned faculty members indicated in the table, and secondary advisors should be selected with the guidance and advice of the main advisor as necessary.

| Field | Area (Subject) | Assigned faculty members | Overview of Research Guidance |
|--|--|--------------------------------|--|
| I Nutrition Sciences (Unique) | Nutritional Physiology | Kazuhiro Uenishi, Professor | (1) Basic examination of dietary reference intakes centered on minerals. Calcium is also analyzed using stable isotopes. (2) Relationship between milk/dairy products and health is analyzed through epidemiological and interventional studies. (3) Relationship between sports and nutrition, mainly on anemia and stress fractures, will be reviewed and analyzed. (4) The lifestyle and physical conditions during the growth period will be examined from cross-sectional and longitudinal perspectives. |
| | Food Services Management Nutrition Management | Hiroshi Ishida, Professor | (1) Research on nutritional management using food management according to each life stage (2) Research on nutritional management systems at specified food service facilities (3) Research on food service management at specified food service facilities |
| | Community Nutrition | Yukari Takemi , Professor | (1) Research on community nutrition activities, policy planning and evaluation |

| | | | |
|--|----------------------------|---------------------------|---|
| | | | <p>(2) Research on determining factors of human diet behaviors and support methods for behavioral change</p> <p>(3) Research on the use of processed foods regarding the quality of nutritional balance in meals</p> <p>(4) Research on improvement of the food environments</p> <p>Students work on the construction of theories on the above themes, the presentation of practical methodologies, and the development of nutrition policy recommendations.</p> |
| | Basic Nutrition | Terue Kawabata, Professor | <p>(1) Students will study the relationship between the amount/quality of dietary fatty acids and gene polymorphisms, lifestyle diseases (obesity, hyperlipidemia, diabetes, etc.), and the body's metabolism.</p> <p>(2) Students will study the relationship between maternal nutrition (DHA, folic acid, vitamins A, D, and E, amino acids, etc.) during pregnancy and lactation periods, and the growth and development of fetuses, newborns, and infants.</p> |
| II Food Culture and Nutrition Sciences | Environmental Education | Rie Imoto, Professor | <p>Research on the relationship between dietary habit and the living environment in terms of housing study and environmental education study. The following are the themes:</p> <p>(1) Study on food environment such as coordinating dining space</p> <p>(2) Theoretical study on relationship between dietary habit and living environment, and study on educational contents and class practice application. Exploration of food environmental education including environmental ethics, legal system, economic systems, and culture from a viewpoint of education for sustainable development (ESD) in school education and social education.</p> |
| III Food Sciences | Culinary Functions of Food | Fumiko Konishi, Professor | <p>The development of a teaching method using the theory of serving, and verification of its effectiveness.</p> |

Doctoral Program <Health Science Program>

1. Purpose and Content

Health promotion that asserts the necessity of individual, autonomous maintenance and improvement of health, and the establishment of the required environment, is extremely important as a strategic process in today's medical and healthcare fields. In particular, as Japan has become a super-aged society, there is a profound need for the development of young researchers who can propose and implement reliable strategies regarding health (promotion), and for the enhancement of the research support structure for this. Since the beginning of the 21st century, and especially in recent years, there have been dramatic technological innovations in a variety of areas. On the other hand, a variety of problems have also arisen on a worldwide scale, so it is necessary to work toward the protection of the Earth's environment and conversion to a sustainable society. In research in the medical and healthcare fields as well, it is vital that we develop the next generation of researchers who can collect and analyze information internationally and respond in a flexible manner, from the fundamentals to application, to application, with a global perspective, in order to cope with various emerging and reemerging health issues such as infectious diseases, non-communicable diseases (NCDs), and environmental issues. In other words, it is important that graduate students obtain accurate information while in school, discuss research plans and implementation methods for research projects, and also learn the importance of mutual enlightenment and mutual understanding between researchers, which is required to stimulate research. In addition, we must not forget the development of high ethical standards as we cultivate human resources who aim for well-being.

This program utilizes research in three areas that are considered particularly important for the promotion of health in order to help students cultivate the advanced research capabilities they will need to adopt such perspectives and conduct research activities in the future as specialists in each area, as well as ensuring that students develop the abundant academic knowledge that will serve as a foundation for this, with the aim of plumbing the depths of that knowledge. In other words, we develop outstanding researchers in 1) areas related to health sciences implemented on a regional basis, 2) the area of clinical pathological biochemistry related to understanding health conditions and clinical states objectively, i.e. the foundation of bio-medicine, and 3) the area of practical school health science that considers the promotion of the health of the children who will lead the next generation.

Education in the doctoral program is actually conducted under a collaborative guidance structure that involves faculty members from three fields; this structure is implemented through research guidance and seminars on priority issues held by advisors in each of the research areas. In addition, throughout the entire major, seminars on writing doctoral dissertations are held each year, and advice and guidance are

also provided by faculty members who are not the student's advisors regarding each doctoral student's research plan, testing and investigation methods, etc. In addition, necessary research guidance can be given at night or at other specific times, or in specific ways (e.g. online), or at other graduate schools or research laboratories, etc., following discussions with those organizations.

2. Enrollment capacity: 3 students (Total capacity: 9)

3. Standard length of course of study: 3 years

4. Degree: Doctorate (Health Sciences)

Doctoral degrees (Health Sciences) are awarded to students who have been enrolled in the doctoral program for at least three years, earned three credits in priority issue seminars in course work, received the necessary research guidance, passed a doctoral dissertation review and a final examination, and received certification of completion of the program.

5. Education

The configuration of the area (subject) of specialization, faculty organization, and areas of research guidance are as indicated in Table 3 and Table 4 below. Research guidance is provided by the main advisor, and as necessary, secondary advisors (no more than two).

Research Guidance Area

Table

The areas (subjects) of research guidance and the names of the assigned faculty members for recruitment of students in the new academic year are as indicated in the table below. Main advisors are to be selected from among the assigned faculty members indicated in the table, and secondary advisors should be selected with the guidance and advice of the main advisor as necessary.

| Field | Area (Subject) | Assigned faculty members | Overview of Research Guidance |
|-------------------|--|---|---|
| I.Health Sciences | Healthy Long-term health and longevity | Shoji Shinkai, Professor (No student applications will be accepted this year) | Students will participate in large-scale cohort studies of local residents and analyze factors associated with long-term health and longevity from their own perspective. They Also participate in community-wide intervention studies and evaluate the programs from their own perspective. Conduct academic and practical research related to the science for long-term health and longevity, and summarize the results |
| | Health Statistic | Hiromitsu Ogata, Professor | With the aim of efficient use of data that serves as scientific bases in the field of health science, we will conduct research in the following themes. (1) Research on statistical analysis using epidemiological data, public statistics, etc. (2) Research on the application of advanced statistical methods in the field of health sciences (3) Research on the development of methodologies for evaluating health risks in local communities (4) Study on statistical models for the integration of evidence in health sciences |
| | Sports Methodology | Yoshinori Kaneko, Professor | (1) Research on development and evaluation of practical physical exercise methods for frailty prevention (2) Research on the utilization and effects of exercise equipment installed in city parks for health-improvement purposes (3) Research on multimedia development to support exercise guidance by citizen volunteer supporters |

| | | | |
|---|---------------------------------|--------------------------------------|---|
| II Clinical Pathological Biochemistry | Exercise and Pathophysiology | Toshikazu Yamashita, Professor | We will carry out researches on the effects of the metabolic state on muscle contraction during exercise, focusing not only on healthy conditions but also on the differences between healthy conditions and clinical conditions, such as bronchial asthma. As the main research methods, we will use electrophysiological methods (patch clamp method) and photophysiological techniques (visualization with calcium-sensitive dyes and voltage-sensitive dyes). |
|---|---------------------------------|--------------------------------------|---|

| | | | |
|---|----------------------------------|-----------------------------|--|
| III Practical School Health Sciences | Applied School Health Nursing | Nobuko Endo, Professor | <p>(1) Research on various issues related to school health programs</p> <ul style="list-style-type: none"> - Research on mental and physical health issues of school children and students - Research on emergency systems and triage under school management - Research on support for school children and students of sexual minorities <p>(2) Research on training of nursing teachers and improvement of their expertise</p> <ul style="list-style-type: none"> - Education in physical assessment and health assessment - Emergency systems and first aid at schools - Health instructions and health education provided by nursing teachers <p>(3) Research on methods and systems (proposals and development) for solving problems and developing health observation, health counseling (including health counseling activities), and health guidance conducted in the field of school health or by nursing teachers.</p> <p>(4) Research on planning, operation, and evaluation of practical activities conducted by nursing teachers.</p> |
| | Human Growth and Health | Shigeo Tanaka, Professor | On the health issues related to physical activities and other lifestyle habits associated with growth and aging, students will work on problem identification, hypothesis formulation, understanding of past relevant researches, |

| | | | |
|--|--|--|--|
| | | | and planning of survey methods while relating the issues to their own research themes. In addition, the students shall compile expected results and background knowledge. The students will then gain experience on learn about scientific methods through these activities. |
|--|--|--|--|

APPLICATION GUIDELINE FOR THE YEAR 2023

Master Program

■ Qualification

The qualifications for admission are as follows. (male and female alike)

1. Individuals who have graduated from a university as stipulated in Article 83 of the School Education Act and individuals who are scheduled to graduate by the end of March 2023.
2. Individuals who have earned a bachelor's degree as stipulated in Article 104, Paragraph 4 of the School Education Act and individuals who are scheduled to graduate by the end of March 2023.
3. Individuals who have completed 16 years of school education overseas and individuals who are scheduled to complete it by the end of March 2023.
4. Individuals who, while residing in Japan, have completed 16 years of education through correspondence courses conducted by schools overseas and individuals who are scheduled to complete it by the end of March 2023.
5. Individuals designated by the Japanese Minister of Education, Culture, Sports, Science and Technology.
6. Individuals who have been accredited through individual screening of qualifications for admission to the Graduate School of KNU, who have been judged to have academic credentials equivalent to a bachelor's degree or higher, and who have reached 22 years old or will reach 22 years old by the end of March 2023.
7. Individual screening of qualifications for admission will be conducted for applicants who did not graduate from a university but graduated from a junior college, a college of technology, a specialized training college, the Japanese campus of a foreign university, or a school for foreigners, etc.

Note 1 International applicants must contact the Graduate School Academic Office prior to submitting the application form.

■ The number of the students to be admitted

| | |
|----------------------------|----|
| Nutrition Sciences Program | 12 |
| Health Science Program | 8 |

■ Application procedures

1) International applicants residing in Japan

Applicants must complete the documents specified in (a) - (g) below, place them in the envelope stipulated by KNU, with “Application Enclosed” written in red, and submit them to the Graduate School Academic Office with the application processing fee (JPY25,000).

If you send application form by mail, the application processing fee must be sent by postal money order, with the recipient entry left blank.

(a) Admission Application Form (Use the form stipulated by KNU. Enter the items enclosed in bold lines. /ANNEX1)

* Enter your current age

* If you will apply for a scholarship, please mark “Yes” and see page 29-30.

(b) Diploma (or certificate of scheduled graduation) and academic transcript issued by the school from which the applicant graduated.

(c) Two photos of the applicant (4 cm x 3 cm), taken within the past three months

(d) Two envelopes designated by KNU with 748 yen worth of stamps affixed (The envelopes is possible to be acquired at academic section of KNU)

(e) Curriculum vitae on the attached form (ANNEX2).

(f) Letter of recommendation from the university you graduated, and a resident certificate with the residency status and eligible period of stay in Japan.

(g) Passport copy

2) International applicants residing overseas

The required documents will be a), b), c), e), f) and g) only. Send all documents via e-mail.

(Knuintl@eiyo.ac.jp) Please contact the International Office regarding payment of the application processing fee.

■ Application period and location

1. Application period

| | |
|------------|---|
| Semester 1 | October 3 rd (Mon) to 7 th (Fri), 2022 |
| Semester 2 | December 21 th (Wed) to 23 th (Fri) 2022 January 5 th (Wed) to 6 th (Sat) 2023 |

2. Location

Kagawa Nutrition University Graduate School Academic Office

3-9-21 Chiyoda, Sakado, Saitama, Japan 350-0288

Phone: +81-(0)49-284-6245

Fax: +81-(0)49-284-6410

■ Examination Date

| | |
|------------|---|
| Semester 1 | October 18 th , 2022 (Tuesday) and October 19 th , 2022 (Wednesday) |
| Semester 2 | January 17 th , 2023 (Tuesday) and January 18 th , 2023 (Wednesday) |

■ Test subjects and schedule

| | Subject | Time |
|-------|---|--------------------------|
| Day 1 | English: 75 minutes | 9:30 A.M. to 10:45 A.M. |
| | Specialized subject: 60 minutes (written test) | 11:00 A.M. to 12:00 P.M. |
| Day 2 | Interview | From 9:30 A.M.~ |

(Remarks)

1. Applicants will enter the classroom at least 15 minutes prior to the start of the examination. The examination classroom will be posted on the bulletin board on the day of the examination.
2. Dictionaries is allowed to use for foreign language subjects. (Electronic dictionaries and technical terminology dictionaries are prohibited.)
3. Screening of qualifications will be conducted for foreign students. The date and time of the screening shall be announced when sending an admission ticket.
4. If there are a large number of applicants, interview planned for Day 2 may be conducted on Day 1, after completion of the specialized subject.
5. Applicants who have [a valid](#) TOEIC score of 730 or higher or a TOEFL score of iBT79 or higher, or IELTS 5.5 and applicants with an Eiken grade of Pre-1 are exempt from the English exam. [All English language proficiency tests have an expiration date. \(See footnote1\)](#) Applicable person must inform to the academic office whether the score is va^lid or not. If applicable, please contact the Graduate School Academic Office before submitting your application.

Selection method: Selection will be based on the results of the examination and interview and the academic transcript of the university from which the applicant graduated.

Location of the examination: Kagawa Nutrition University, Sakado Campus.

¹ IETLS and TOEFL are valid for two years from the date of the test. For the valid duration of TOEIC and Eiken, please contact with academic office for more information.

■ Announcement of application results

| | | |
|------------|--|------------|
| Semester 1 | October 24 th , 2022 (Monday) | 10:00 A.M. |
| Semester 2 | January 20 th , 2023 (Friday) | 10:00 A.M. |

Acceptance/rejection notices will be delivered at the Graduate School Academic Office to applicants who bring their admission ticket. The acceptance/rejection notice will be sent by mail to all others. Telephone inquiries regarding results will not be accepted.

● Admission Procedures

Successful applicants who are admitted to the graduate school will pay tuition via bank transfer by the deadline below in order to complete the admission process.

Deadline:

| | |
|------------|--|
| Semester 1 | November 4 th , 2022 (Friday) |
| Semester 2 | February 3 rd , 2023 (Friday) |

Admission will be canceled if the admission procedure is not completed by the deadline.

* International students residing in Japan are required to obtain residence cards with student status and submit them on the day of the entrance ceremony. Resident certificates indicating resident status and the period of residence must also be submitted. Admission will be canceled if the student is not able to obtain a residence card.

* The KNU International Office will be responsible to acquire for certificates of eligibility on behalf of international students residing in overseas. Please be sure to submit the required documents on time as instructed by the International Office.

Total school expenses for the 2023 academic year

| | |
|--|---------------------------------------|
| Enrollment fee | JPY200,000 |
| Tuition (yearly) | JPY528,000 (Two installment payments) |
| Research and education fee (yearly) | JPY521,000 (Two installment payments) |
| Facility cost (yearly) | JPY23,000 (Two installment payments) |
| Total for the first year (Total payment of the first installment) | JPY1,272,000 (JPY736,000) |

JPY30,000 will be paid in addition to the school fee as a Koyukai (Alumni Union) registration fee.

1. Research and education fees and the facility costs for the second academic year on will be determined in the next academic year.
2. The enrollment fee will be waived for students who enrolled in the Kagawa Education Institute of Nutrition and were admitted to a master's program.
3. In the case of students who graduated from Kagawa Education Institute of Nutrition who apply to the KNU Graduate School, 25% of the tuition will be waived.

Long-term Study Plan System

The long-term study plan system is a system to complete a master's program in three years. It is for students who work and find it difficult to complete a master's program in two years. The school expenses paid over three years is the same as that of the two-year master's program.

Study period: Three years from the time of admission

The number of students admitted: 4 students or less total in Nutrition Science and Health Science combined

Application process: The application form for the long-term study plan system indicating the research plan and planned course acquisition with the guidance of the proposed research advisor, with documents attesting to employment attached and any evidence of employment must be submitted together with the application of the entrance exam.

- 1) Be sure to indicate the request to apply for the long-term study plan system on the admission application form.
- 2) The remarks on the long-term study plan system application form will be entered by the proposed research advisor.
- 3) Students are eligible to submit a long-term study plan system application after admission. In such cases, the application must be submitted by the end of January of the first year of enrollment. School expenses will be adjusted beginning in the second year.
- 4) The study term cannot be shortened after the long-term study plan application has been submitted

School expenses

See the table below.

| | |
|--|--|
| Enrollment fee | JPY200,000 |
| Tuition (Yearly) | JPY352,000 (Two installment payments) |
| Research and education fee (yearly) | JPY347,400 (Two installment payment) |
| Facility cost (yearly) | JPY15,400 (Two installment payments) |
| Total for the first year (Total payment of the first installment) | JPY914,800 (JPY557,400) |

JPY30,000 will be paid in addition to the school fee as a Koyukai (college reunion) registration fee.

1. Research and education fees and the facility costs for the second academic year on will be determined at a later date.
2. The amount paid by students who are enrolled over an extended period of time (three years or more starting at the time of enrollment) will be the same as the general school expense.

Pre-screening of Qualifications for Admission

The following is the procedure for pre-screening qualifications for admission.

1. Required documents

- a) Admission qualifications pre-screening application form (Use the form stipulated by KNU and submit it to the Graduate School Academic Office.
- b) Essay on the objectives and motivation to apply (No format specified.)
- c) Diploma and academic transcript issued by the school from which you graduated.
- d) Curriculum vitae (ANNEX2)
- e) Certificate verifying language capabilities².

2. Application period

| | |
|-------------|--|
| First Term | August 29 th (Mon) to September 2 nd (Fri) 2022 |
| Second Term | November 28 th (Mon) to December 2 nd (Fri) 2022 |

3. Location

Kagawa Nutrition University Graduate School:3-9-21 Chiyoda Sakado, Saitama

4. Selection method

Document review (interviews will be conducted if necessary)

5. Announcement of Application results

September 16th , 2022 (Fri) and December 16th , 2022 (Fri)

Application will be notified of results individually, Applications who are certified as qualified for admission are eligible to apply for admission in Semester 1 or Semester 2.

Declining Admission after Completion of Admission Procedures

Students who desire to decline admission after completion of transfer of school expenses must follow the instructions below.

Deadline: [March 31th, 2023 at 5:00 P.M.](#), either in person or by mail is acceptable.

* Please note that no applications will be accepted after the deadline.

Notification procedure: Fill out the form designated by KNU to decline admission and repay school expenses and submit it together with the admission acceptance letter.

Repayment method: All expenses paid in the admission procedure except for the enrollment fee are repayable. The money transfer to the applicant's designated account will be completed by the end of April 2019.

Application address: Kagawa Nutrition University Graduate School
3-9-21 Chiyoda, Sakado, Saitama

Guideline for Application for the Second Term of the PhD Program

Qualifications for admission: The qualifications for admissions are as follows.

(Male or female students)

<April enrollment>

1. Individuals holding a master's degree or a specialized degree equivalent to a master's degree overseas or are scheduled to obtain a master's degree by the end of **March, 2023**
2. Individuals designated by the Japanese Minister of Education, Culture, Sports, Science and Technology
3. Individuals who have been accredited by the KNU Graduate School to have academic credentials equivalent to a master's degree or higher.

<October enrollment>

1. Individuals holding a master's degree or a specialized degree equivalent to a master's degree overseas or are scheduled to obtain a master's degree by **the end of September, 2023**
2. Individuals designated by the Japanese Minister of Education, Culture, Sports, Science and Technology
3. Individuals who have been accredited by the KNU Graduate School to have academic credentials equivalent to a master's degree or higher

International applicants fulfilling the requirements indicated above must inform the International Office prior to submitting the application form.

■ The number of the students to be admitted:

| | | |
|--------------------|---------------------------|----------------|
| April Enrollment | Nutrition Science Program | 3 |
| | Health Science Program | 3 |
| October Enrollment | Nutrition Science Program | A few students |
| | Health Science Program | A few students |

■ Application Procedures

1) International applicants residing in Japan

Applicants must complete the documents specified in (a) – (h) below, place them in the envelope stipulated by KNU, with “Application Enclosed” written in red, and submit them to the Graduate School Academic Office with the application processing fee (JPY25,000).

- (a) Admission application form and admission ticket (ANNEX1 and ANNEX3)
- (b) Diploma and academic transcript issued by the school from which the applicant graduated.
- (c) A list of academic history after graduation from a university (e.g., the titles and dates of the applicants publications, such as books, papers, theses, presentations given at academic conferences)
- (d) The summary of the master thesis. (or other thesis which can be replaceable for a master thesis)
 - (1) Use A4 paper with a limit of 500 words in total. If the thesis includes figures and tables, they can constitute no more than three pages.
 - (2) The first line of the cover page must be “Master’s Thesis”. Then, write the title of the thesis, the name of the school from which the applicant graduated, and the names of the department, the applicant’s major, and the applicant’s advisors.
 - (3) The order of sections must be cover page, summary, and figure and tables (if included), and the pages must be secured with a single staple at the upper left corner.
 - (4) 15 copies must be submitted. (The 15 copies can be sent separately from the application documents.)
 - (5) A projector will be able to use during the thesis presentation. To use the projector, consult with your planned research advisor and contact the Academic Office to reserve a projector in advance.
- (e) Two photos of the applicant (5 cm x 4 cm) Portrait, without hat, taken within last three months.
- (f) Curriculum vitae with KNU form (ANNEX2)
- (g) Letter of recommendation from the university you graduated, and a resident certificate with the residency status and eligible period of stay in Japan.
- (h) Passport copy

2) International applicants residing in overseas

The only documents required for international applicants residing overseas are the same as above. Send all documents via e-mail. (Knuintlo@eiyo.ac.jp) Please contact the International Office regarding payment of the application processing fee.

1. Application period

| | |
|--------------------|--|
| April enrollment | February 6 th (Monday) to February 10 th (Saturday) 2023 |
| October enrollment | July 3 rd (Monday) to 7 th (Friday) 2023 |

* The application must arrive at KNU during the above period. For the applicants who live in oversea is allowed to send all the required documents by e-mail.

2. Location

Kagawa Nutrition University Graduate School Academic Office

3-9-21 Chiyoda, Sakado, Saitama, Japan 350-0288

Phone: +81-(0)49-284-6245

Fax: +81-(0)49-284-6410

■ Examination Date

| | |
|--------------------|--|
| April enrollment | February 21th , (Tuesday) and February 22th (Wednesday) 2023 |
| October enrollment | July 18 th (Tuesday) and July 19 th (Wednesday) 2023 |

■ Test subjects

| | Subject | Time |
|-------|--|--|
| Day 1 | English: 75 minutes | 9:30 A.M. to 10:45 A.M. |
| | Specialized subject: 75 minutes | 11:00 A.M. to 12:15 P.M. |
| | Presentation of master's thesis or other research in lieu of a master's thesis | From 1:30 P.M. (15-minute presentation per applicant, 15 minutes of questions and answers) |
| Day 2 | Interview | From 9:30 A.M. |

(1) Applicants will enter the classroom at least 15 minutes prior to the start of the examination. The examination classroom will be posted on the bulletin board on the day of the examination.

(2) Dictionaries may be used for foreign language subjects. (Electronic dictionaries and technical terminology dictionaries are prohibited.)

(3) Examinations for specialized subjects will be given as written/oral examinations related to the applicant's proposed research field.

(4) Applicants who graduated (or are scheduled to graduate) from a master's program at KNU are exempted from presentation of a master's thesis or other project conducted in lieu of a master's thesis.

(5) Depending on the number of applicants, interviews scheduled for Day 2 may be conducted on the afternoon of Day 1.

(6) Applicants who have a TOEIC score of 800 or higher or a TOEFL score of iBT79 or higher, and applicants with an Eiken grade of Pre-1 are exempt from the English exam. (The applicable students must be required to inform to the academic office whether the score is valid or not) If applicable, please contact the Graduate School Academic Office before submitting your application.

(7) The test schedule for international applicants differs from the above, so applicants will be notified when they are sent the admission ticket.

(8) Screening of qualifications will be conducted for foreign students. The date and time of the screening shall be informed when sending the admission ticket.

■ Selection method

Selection will be based on the results of the examination and interview and the academic transcript of the university from which the applicant graduated.

■ Location of the examination

Kagawa Nutrition University, Sakado Campus

【Announcement of application results】

| | | |
|--------------------|---|------------|
| April enrollment | February 24 th , 2023 (Friday) | 10:00 A.M. |
| October enrollment | July 21 th , 2023 (Friday) | 10:00 A.M. |

Acceptance/rejection notices will be delivered at the Graduate School Academic Office to applicants who bring their admission ticket between 10:00 A.M. and 5:00 P.M. on the date indicated above.

The acceptance/rejection notice will be sent by mail to all others. Telephone inquiries regarding results will not be accepted.

■ Admission Procedures

Successful applicants who are admitted to the graduate school will pay the school expenses stipulated in the table via bank transfer by the deadline below in order to complete the admission process.. Please be aware it will be necessary to present a driver license, passport, or other identification documents when you conduct money transfers exceeding JPY100,000 at the bank counter.

【Payment Deadline】

| | |
|--------------------|--|
| April enrollment | March 10 th , 2023 (Friday) |
| October enrollment | August 4 th , 2023 (Friday) |

Admission will be canceled if the money transfer is not completed by the above deadline. See page 9 for details on declining admission.

* International students residing in Japan are required to obtain residence cards with student status and submit them on the day of the entrance ceremony. Resident certificates indicating the resident status and the period of residence must also be submitted. Admission will be canceled if the student is not able to obtain a residence card.

* The KNU International Office will conduct procedures for certificates of residence on behalf of

international students residing overseas. Such students must submit the required documents in on time as instructed by the International Office.

School expense for Semester 2 of the PhD Program, AY2019

| | |
|--|---------------------------------------|
| Enrollment fee | JPY200,000 |
| Tuition (Yearly) | JPY528,000 (Two installment payments) |
| Research and education fee (yearly) | JPY521,000 (Two installment payments) |
| Facility cost (yearly) | JPY23,000 (Two installment payments) |
| Total for the first year (Total payment of the first installment) | JPY1,272,000 (JPY557,400) |

JPY30,000 will be paid in addition to the school fee as a Koyukai (Alumni Union) registration fee.

1. Research and education fees and the facility costs for the second academic year will be determined at a later date.
2. Half of the enrollment fee will be waived for students who enrolled the Kagawa Education Nutrition Institute and were admitted to the PhD program.
3. The entire enrollment fee will be waived for students who applied to the PhD program soon after the completion of a master’s program at KNU.

Tuition

The tuition of PhD students who have outstanding character and excellent academic achievement will be reduced for the purpose of economic support and the promotion of research.

Special waiver of tuition

Semester 2 tuition of applicants will be waived in the first year. All tuition will be waived in the second and third years. The application must be submitted after admission.

Scholarships

Various scholarships are available. Contact the International Office for details.