

KOBE UNIVERSITY
Graduate School of
Human Development and Environment
2016



What is Human Development?

About Kobe University



Kobe University is one of the oldest national universities in Japan. Its history traces back to the establishment of Kobe Higher Commercial School in 1902. Under the philosophy of “integrity, freedom, and cooperation”, the university contributes to society by disseminating information gained through education and research.

Kobe University is made up of 11 faculties, 14 graduate schools, one research institute and many centers covering the four disciplines of humanities, social sciences, natural sciences, and bio-medical sciences. Currently, there are 11,696 students enrolled in the undergraduate programs and 4,695 students enrolled in the graduate programs. The numbers include 1,152 international students from 78 countries and regions. Moreover, the university has concluded academic agreements with 249 universities and institutions in 53 countries and regions.

About the Graduate School of Human Development and Environment

Message from the Dean

What does human development mean? It means discovering and extending the various abilities that a human or a group potentially possesses to achieve the well-being of each and every person. Established in 1992, the Faculty of Human Development has assumed the long tradition of the Faculty of Education. It was the first Faculty in Japan launched to conduct education and research on issues concerning human development. To promote this research, the Graduate School of Human Sciences was reorganized in 2007, and the Graduate School of Human Development and Environment was established. With over one hundred faculty members, the Graduate School is a pioneering academic community pursuing the free exchange of various scholarly knowledge.



Shuichi Okada

Dean, Graduate School of Human Development and Environment

Education

There are approximately 200 students enrolled in the master’s program and 70 students in the doctoral program. The master’s program is a two-year program, and the master’s degree is awarded after the course work is completed and the thesis has been approved. The doctoral program continues after the master’s program for three-years, and the doctoral degree is awarded after successfully defending one’s dissertation. The defining characteristic of the Graduate School is to acquire an advanced academic ability to build up an identity in one’s specialty by capturing multifaceted, comparative phenomenon. The Graduate School offers an advanced research environment where students take the initiative in pursuing fundamental, applied and practical education, activities to foster eminent researchers, and overseas study tours to conduct practical education and research.

Research

The Graduate School promotes interdisciplinary research on human development and the environment that supports the human development in cooperation with many domestic and overseas researchers and organizations. Based on the strong achievement having been made on diverse specialized fields, the research is cross-sectoral and practical. The Graduate School has been supporting a number of research projects. Here are some examples.

1. Creative research on multi-generational symbiosis communities.
2. Life histories as the basis of ESD* and support in terms of psychology and education.
3. Development of advanced training programs for teachers.
4. Human beings and biological diversity in urban areas.

* Education for Sustainable Development

The Graduate School holds Academic Exchange Weeks every fall. Many researchers are invited from overseas, and a series of research meetings are held during this period. Not only faculty members but also graduate and undergraduate students take an active role in the events. It is a great opportunity for participants to discuss problems beyond their field of research.



Admissions

Overview

The Graduate School of Human Development and Environment welcomes applicants who wish to be proactively involved in basic, applied, practical education and research related to human development and environment. The Graduate School requires students to possess fundamental attributes and abilities in order to uphold advanced research in the graduate programs.

Programs Offered

The Graduate School of Human Development and Environment offers degree programs and non-degree programs. The degree programs are designed to provide master's and doctoral degrees. The non-degree programs are designed at master's and doctoral levels.

Japanese Language Skill Requirements

Almost all the classes in the master's program are taught in Japanese. Students must have Japanese language proficiency in reading, writing, listening, and speaking upon enrollment. As to required Japanese skill in the doctoral program, please ask a prospective advisor of your research field.

Degree Seeking Programs

Entrance period is in April. The application period for the master's program is generally in August, and the entrance examination is given at Kobe University in September. Selection is based on written examination, oral examination, and TOEFL/TOEIC scores. The result announcement is made in October. The application period for the doctoral program is generally in January, and the entrance examination is given at Kobe University in March. Selection is based on submitted application materials such as research plan and master's thesis, and oral examination at Kobe University. The Department of Human Environmental Science conducts its own examination twice a year at Kobe University (the second examination as previously described). The first as follows; application period: July, entrance examination: August, result announcement: September. All accepted applicants are required to pay a ¥282,000 matriculation fee. The annual tuition fee is ¥535,800. The University operates dormitories for international students. Any students who wish to reside in the dormitories may be assigned to a room if there is a vacancy. Applicants for the graduate programs must search for and contact a faculty member as a prospective advisor, and then obtain advisor's approval before application.

Non-Degree Seeking Programs

Those who wish to study on non-degree basis may apply for the status of research student. Research students conduct research under the guidance of a prospective advisor. All the research students must pay a ¥84,600 matriculation fee. The period of attendance is no longer than one year. The tuition fee per half year is ¥178,200. Applicants must search for and contact a faculty member as a prospective advisor, and then obtain advisor's approval before submitting application materials.

Students from Overseas Partner Institutions

The International Exchange Program under the Inter-University exchange agreements enables students from overseas partner institutions to study at Kobe University. The Graduate School of Human Development and Environment facilitates the short term and long term exchange programs. Interested students should contact their home institution for information as well as application.

Inquiries

Contact the following e-mail address for admissions from overseas.

Admissions Office, the Graduate School of Human Development and Environment

E-mail: admissions@h.kobe-u.ac.jp

Websites

- Admissions to the Graduate School of Human Development and Environment <http://www.h.kobe-u.ac.jp/en/node/1556>
- International Students at Kobe University <http://www.kobe-u.ac.jp/en/international-students/>

Message from International Student Office

The Graduate School gives a wide range of support so that each international student has a safe and fulfilling time here at Kobe University. We offer Japanese Language classes to strengthen Japanese language skill as well as Japanese Studies classes to help international students understand Japanese society and culture. All international students, Japanese students, and faculty members get together at Friendship Party every spring. A bus trip to sightseeing spots is planned every fall. Tea Party is held every month for international students to exchange information and get an advice from faculty members. We offer advising assistance whenever international students face difficulties during their stay here. With assistance of the Career Support Center, seminars are held for international students who wish to obtain a professional opportunity in Japan. We are looking forward to seeing you on campus.



Department of Human Development

Degrees

Master's Degrees: Master of Arts, Master of Science, Master of Education

Doctoral Degrees: Doctor of Philosophy, Doctor of Philosophy in Science, Doctor of Philosophy in Education

Areas of study

- Psychological Development and Health Promotion (Developmental Psychology, Clinical Psychology, Health Promotion and Education)
- Human Expression (Expressive Creation, Expressive Culture)
- Human Behavior (Behavioral Development, Sport Sciences)
- Education and Learning (Educational Science, Child Development, Human and Community Development)



Overview

Human development is a concept that makes sense only if each person's individuality is premised. Each person brings out his or her potential ability in his or her own way, which we call human development. This is one of the reasons why the aspects of development are diversified and complex. The Department of Human Development explores an effective way to unravel the real image of human development by promoting research of complex academic field type. This is a new approach in which related academic fields are mutually connected, and academic perspectives accumulated in the fields are joined as an organic whole when one faces difficult problems in human development.



Faculty by research area

Developmental Psychology

Akagi, Kazushige (Psychology of developmental disabilities)
Hayashi, Hajimu (Cognitive developmental psychology)
Saitoh, Seiichi (Developmental psychology)
Sakamoto, Miki (Educational psychology)
Tani, Fuyuhiko (Personality psychology)
Torii, Miyuki (Clinical studies of developmental disabilities)

Clinical Psychology

Aizawa, Naoki (Clinical psychology)
Itoh, Toshiki (Clinical psychology)
Kawasaki, Yoshiko (Clinical psychology)
Yoshida, Keigo (Clinical psychology)

Health Promotion and Education

Furutani, Maki (Somnology and Psychophysiology)
Kato, Yoshiko (Health education and psychology)
Kawabata, Tetsuro (Health education and promotion)
Murayama, Rumiko (Environmental health)
Nakamura, Harunobu (Public health)

Expressive Creation

Bando, Hajime (Performance practice and history)
Kishimoto, Yoshihiro (Painting expression)
Okazaki-Sakaue, Kana (Music therapy, improvisation)
Sasaki, Tomoko (Vocal music)
Sekii, Noriko (Contemporary dance)
Tamura, Fumio (Music composition)
Tsukawaki, Jun (Modern sculpture)

Expressive Culture

Hirayoshi, Hiroko (Fashion theory)
Nonaka, Tetsushi (Cognitive science)
Odaka, Naoki (Kansei science, graphic science)
Ohta, Misako (Music aesthetics, history of music)
Tabata, Akeo (Socio-informatics)
Tani, Masato (Ethnomusicology)
Umemiya, Hiromitsu (Architectural history)

Behavioral Development

Chogahara, Makoto (Sport promotion, gerontology)
Katagiri, Keiko (Social psychology, social gerontology)
Kondo, Narihiko (Applied human physiology)
Masumoto, Kouhei (Cognitive science of aging)
Okada, Shuichi (Aging kinesiology)

Sport Sciences

Akimoto, Shinobu (Sport history)
Kawabe, Shoko (Motor control and learning)
Kimura, Tetsuya (Physiological system)
Maeda, Masato (Sports performance technique)
Sato, Koji (Sports physiology and biochemistry)
Takada, Yoshihiro (Exercise physiology)
Takami, Kazushi (Exercise psychology)
Yamaguchi, Yasuo (Sport sociology)

Educational Science

Funaki, Toshio (Japanese history of education)
Inagaki, Shigenori (Science education)
Kawaji, Ayako (Instruction, curriculum)
Okuyama, Kazuko (Japanese language education)
Teshigawara, Kimie (Art education)
Watanabe, Akio (Educational administration)
Watanabe, Takanobu (Western education history)
Yamaguchi, Etsuji (Science education)
Yamashita, Koichi (Educational system)
Yoshinaga, Jun (Social studies education)

Child Development

Gomi, Katsuhisa (Early childhood musical expression)
Kinoshita, Takashi (Developmental psychology)
Kitano, Sachiko (Early childhood education)
Kokudo, Shohei (Child growth)
Meguro, Tsuyoshi (Children's literature)
Okabe, Yasuyuki (Mathematics education)
Suzuki, Mikio (Art education)

Human and Community Development

Ito, Atsushi (Well-being of child and family)
Kiyono, Mieko (Society of coexistence with nature)
Matsuoka, Koji (Lifelong learning)
Tsuda, Eiji (Lifelong learning)

Department of Human Environmental Science

Degrees

Master's Degrees: Master of Arts, Master of Science, Master of Education

Doctoral Degrees: Doctor of Philosophy, Doctor of Philosophy in Science, Doctor of Philosophy in Education

Areas of study

- Natural Environmental Science
- Mathematics and Informatics
- Living Environment
- Social Environment
- Advanced Human Environmental Science (for the doctoral program only)



Overview

The Department of Human Environmental Science works on problems concerning the question: what is the optimum environment that induces, supports, and assists human development, and how is it formed? A characteristic of the department is to approach such problems from many diversified areas with strong background. In particular, the department emphasizes on the following four research areas: 1) natural environmental science, which examines the structure of nature as part of the human environment; 2) mathematics and informatics, which uses mathematics as a basic tool to study the information environment; 3) life environment, which studies the optimum environment from the viewpoint of our daily lives; and 4) social environment, which aims to resolve contradictions of the social environment.



Faculty by research area

Natural Environmental Science

Aoki, Shigeki (Cosmic-ray and particle physics)
Ashida, Hiroki (Photosynthetic enzyme)
Ebara, Yasuhito (Bioorganic chemistry)
Ebina, Kuniyoshi (Environmental physics)
Enomoto, Taira (Molecular biology)
Itoh, Masayuki (Astrophysics, science education)
Minamoto, Toshifumi (Aquatic ecology)
Ohkushi, Kenichi (Geology, paleontology)
Saito, Keiitsu (Analytical chemistry)
Sato, Harumi (Polymer chemistry, polymer physics)
Takami, Yasuoki (Evolutionary biology)
Terakado, Yasutaka (Environmental geochemistry)
Ushimaru, Atushi (Plant ecology, urban ecology)

Advanced Human Environmental Science (Adjunct)

Imamura, Takashi (Atmospheric chemistry)
Mukai, Hitoshi (Biogeochemistry)
Nagai, Hidenori (Analytical chemistry)
Wakida, Shinichi (Environmental analytical chemistry)

Mathematics and Informatics

Inaba, Taichi (Mathematical statistics, data analysis)
Kuwamura, Masataka (Applied analysis)
Miyata, Takahisa (Geometric topology)
Nagasaka, Kosaku (Symbolic and algebraic computation)
Sakamoto, Yuji (Mathematical statistics)
Takahashi, Makoto (Mathematical logic, informatics)

Living Environment

Fukuda, Hiroya (Electrical and electronic measurement)
Hirayama, Yosuke (Housing and urban studies)
Inoue, Mari (Clothing science, kansei engineering)
Ohmido, Nobuko (Plant environmental biotechnology)
Ohno, Tomoko (Environmental sciences, technology)
Sato, Masayuki (Environmental and resource economics)
Shirasugi, Naoko (Dietary environmental science)
Tabata, Tomohiro (Urban environmental system)
Yano, Sumio (Biomechanics, mechanical dynamics)

Social Environment

Asano, Shinichi (Social environment, sociology)
Hashimoto, Naoto (Social philosophy)
Inokuchi, Katsuro (Social security, welfare state)
Iwasa, Takuya (Industrial social environment)
Okada, Akihiro (Law and politics)
Ota, Kazuhiro (Development and politics)
Sawa, Munenori (Human geography)
Yamasaki, Takeshi (Urban geography)

Project Research Staff

Furukawa, Fumiko (Community-based resource conservation)
Phim, Runsinarith (International development)

Theses and Dissertations

The following lists are examples of the recently accepted Master's theses and Doctoral dissertations.

■ Master of Arts

- The relationship between working memory and lifestyle
- An approach to the lived experience of a person with disabilities
 - From the perspective of “small story” in the life story
- Factors of cognitive caregiving appraisal by family caregiving dementia patient
 - Focused on Psychological process until now
- The cooperation for sustainable local community
 - A possibility of volunteer tourism in Japan
- The lives and social consciousness of “Chugoku Zanryu Koji”
 - A case study in Kochi City
- Community care for the aged people in contemporary Japan
 - On the integrated community care system
- A study on the housing policy for young people in EU
- Statistical methods for estimating potential of disaster waste generation from durable household goods
- Studies on motor memory of force output in terms of the reproducibility of the muscle strength
- Relationships between diet behavior and psychosocial variables among Chinese high school students
- Noh and contemporary dance – Focusing on deconstruction
- A study on the activities of KUMAZAWA Maroni in the Taisho and early Showa period – The transformation of the idea in photography
- A study of help – Seeking preferences in mothers of adolescence
- A study of influences in development of parental relation of adolescents
- Various effects of psychiatric home nursing
- A study on the inner world of healthy elderly people
 - Focusing on life theme expressed in d-MSSM
- Musical Activity of young people and media
 - Referring to examples of internet society in 2010s

■ Master of Science

- Synthesis of saccharide-modified DNAs that bind to influenza virus
- Sedimentary characteristics of the 2011 Tohoku-oki tsunami at Miyato island and Ooyagawahama
- Development of the single cell culture system essential for the gene transfection in hydrocarbon-producing alga, *Botryococcus braunii*
- Constructing a natural algorithm considered implication relation of multiple subset hypothesis for multiple comparison
- A topological approach to digital images
- Multiple testing based on False Discovery Rate criterion
- Numerical methods for partial differential equations

■ Master of Education

- Conflict for the scene of “work together”
 - From the viewpoint of disability studies
- A new way of the disaster education in the risk society
 - A study on development of ownership based on analysis of life histories by the narrative volunteer of the Great Hanshin-Awaji (Kobe) Earthquake
- Research about the necessary environment and target involvement in understanding disabilities
 - Involvement through activities and experiences in a natural environment
- A study of expressive movement program “Contact Dance”
 - Class practice of the elementary school upper grades
- Learning progression for Japanese elementary students’ reasoning about ecosystems
- Conceptual subitizing in the early childhood
- The development of toddlers’ self-regulation
 - Focusing on the interaction in interpersonal conflict situation

■ Doctor of Philosophy

- Application of clinical psychology to maternal and child health service: ‘Psychological assessment of the support environment’ as one of the techniques for supporting infants and parents
- A fundamental study on the development of medicine education program for junior and senior high school students
- Heuristic research on the temporality in TAT
 - From the viewpoint of the narrative based approach
- Whose emotion do preschool children understand? : The recognition of personal trait in emotional inference
- A study of the psychological factors affecting the onset, persistence and desistance of delinquent offending
- An interventional approach for muscular strengthening behavior in independent healthy senior citizens: Program development of a Muscular Strengthening System for the Living Environment (MuSSLE)
- A study of service quality in public sport facilities introduced the Designated Manager System
- Research for exercise training to improve heat loss responses
- Studies on the block clearance movement in a crouch start from the aspect of the force applied to the starting block
- Gait variability and shock attenuation at the knee joint in patients who undergo total knee arthroplasty
- A historical study on the urban space under the allied occupation Japan
 - The formation and the development of the black market in Kobe
- Research for Jean-Baptiste Carpeaux’s sculpture
 - About CARPEAUX’s dual nature and its formation

■ Doctor of Philosophy in Science

- A study of mechanisms of biodiversity declines due to land-use changes in agricultural ecosystems
- The theoretical analysis on the reaction mechanism in the haloacid dehalogenase L-DEX YL and the design for modified mutant enzymes
- Studies on OH formation pathways via syn/anti-Criegee intermediates in ozone-alkene reactions

■ Doctor of Philosophy in Education

- Education as gift-exchange in Marcel Mauss’s anthropology: Form of life and tradition
- A study for secondary school drawing teacher’s certification examination
- Development of the argument skill in elementary school science education
- Family support system based on local midwifery and family drop-in for the empowerment of women before and after their childbirth
- Development of understanding representation in young children’s drawing
 - Focus on drawing intention and understanding of others’ mental states
- A consideration on the subject building process of organic agriculturist
 - From action research in TG area of H prefecture

About the Institute of Human Development Support

The institute pursues theoretical and practical research on human development as an international research base. It contributes to the society by building up multi-layered and pluralistic communities in cooperation with communities. In particular, the institute emphasizes on the following specialized areas: action research for human and community development, clinical psychology, community-based research on science and technology, educational collaboration with local schools, active aging research.

Facts and Statistics

Master's Degree Recipients

	Male	Female	Total
2014	33 (5)	51 (17)	84 (22)
2013	36 (4)	57 (16)	93 (20)
2012	46 (2)	49 (8)	95 (10)

() foreign students

Doctoral Degree Recipients

	Male	Female	Total
2014	7 (1)	6	13 (1)
2013	3	6	9
2012	5	5 (3)	10 (3)

() foreign students

Student Enrollment

	Male	Female	Total
Master's Program	86 (10)	112 (27)	198 (37*)
Doctoral Program	42 (5)	46 (4)	88 (9**)

() foreign students as of May, 2015

*China(32), Korea(3), Ukraine(1), Cuba(1)

**China(7), Korea(1), Kiribati(1)

Faculty

	Male	Female	Total
Professors	44	9	53
Associate Professors	34	13	47
Assistant Professors	2	2	4
Total	80	24	104

as of October, 2015

Partner Institutions

Countries	Institutions
China	Beijing Normal University *
	East China Normal University *
	Shanghai Jiao Tong University
	The University of Hong Kong *
	Tsinghua University
	Wuhan University
	Zhejiang University *
Philippines	San Beda College *
Korea	Gongju National University of Education *
	Korea Nazarene University *
	Pusan National University *
	Seoul National University
Taiwan	National Taiwan University
Australia	The University of Queensland
	The University of Western Australia
Canada	University of Ottawa
USA	University of Pittsburgh

Countries	Institutions
Austria	FH Joannrum University *
	Johannes Keplaer University *
	University of Graz
Bulgaria	Sofia University St. Kliment Ohridski
Czech	Charles University
France	Ecole Normale Supérieure de Lyon *
	Université de Paris Ouest Nanterre La Défense
	Université Lille 3 *
	Université Panthéon-Assas (Paris II)
	Université Paris Diderot-Paris 7
Germany	Universität Hamburg *
Italy	Ca' Foscari University of Venice
Netherlands	Leiden University
Poland	Jagiellonian University
Lithuania	Vilnius Gediminas Technical University *
Russia	Moscow State Pedagogical University *
United Kingdom	University of London

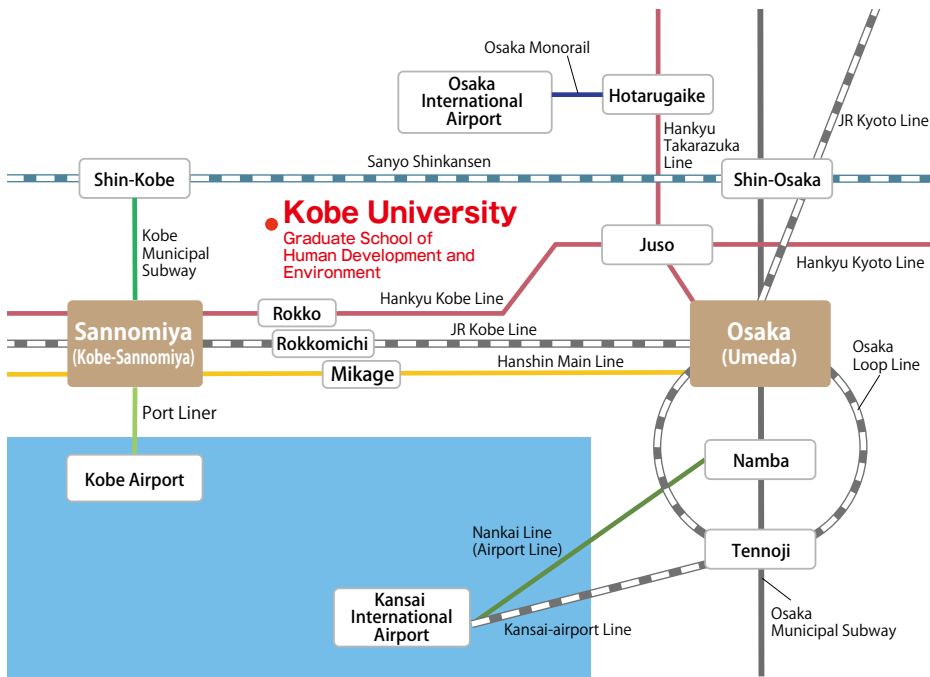
* Academic agreement with Graduate School of Human Development and Environment, Kobe University

Kobe at a Glance

The City of Kobe has a population of 1.5 million including 43,000 foreign residents from as many as 115 different countries, and is well known throughout Japan as being an international city. Ever since it was opened to the world, Kobe has developed as a cosmopolitan port city where people, goods, and information from around the globe are in constant motion. With diverse population of foreign residents and the resulting facilities and amenities established by and for such foreign communities, Kobe is uniquely qualified to support a comfortably refined lifestyle for any individual from any country. Located between Mt. Rokko in the north and the Inland Sea of Seto in the South, Kobe is endowed with its overall mild climate averaging 17.1C (62.8F) with four seasonal changes.



Access Map



From the local stations:

At Hankyu Rokko Station, JR Rokkomichi Station, or Hanshin Mikage Station, take a city bus bound for Tsurukabuto-Danchi (Bus #36) and get off at Shindai-Hattatsukagakubu-Mae.



Graduate School of Human Development and Environment, Kobe University

E-mail: info@h.kobe-u.ac.jp

Address: 3-11 Tsurukabuto, Nada-ku, Kobe 657-8501 JAPAN

<http://www.h.kobe-u.ac.jp/en>