

University Guide 2022

Develop your ability to live life here at OPU.

The Challenge of Regional Creation in its nascent stages **Pioneering the Future Society :** Let's Grow "Kibi no Mori"

It is said, "education is for the future-" and also "a university is a place to learn about the future." Okayama Prefectural University, established in 1993, is a multi-disciplinary university with three faculties. Each faculty works toward to be a university that gazes at future with slogans of "to gain the steady trust enabling us to confront people" -Faculty of Health and Welfare Science-, "to the future where people, things, and information are interwoven" -Faculty of Computer Science and Systems Engineering-, and "to design the society and yourself 10 years from now"-Faculty of Design.

Based on this philosophy, we reorganized a part of departments for the Academic Year 2021. "The department of Contemporary Welfare Science" and "the Department of Childhood Studies" were became independent from the Department of Health and Welfare Science. In addition, the Faculty of Design was reorganized into three departments: "the Department of Visual Design", "the Department of Craft and Industrial Design", and "the Department of Architecture".

The future of the society is unpredictable. The world is becoming more complex, and changes drastically. The entire world has been bombarded with a COVID-19 pandemic, while the development of advanced technologies such as AI, big data, IoT, and robotics has accelerated to be incorporated into industry and social life, at all levels. In future, our society will be emphasized increasingly on human ability sensibility, and humanity. It is you that pioneer the future society as leader of next generation. You can learn the harmony of knowledge, sensibility, and technology, which are the keywords in advanced knowledge-based society.

Our university exists for the people of Okayama Prefecture under the education and research philosophy to create practical science with emphasis on the relationship among 'human, society, and nature' and to contribute to the region. Currently, university mission is expected to emphasize "contribution to society" as the third mission in addition to research and education. We have already been deeply involved in such mission and have established a minor "Okayama Creation Studies" to contribute to develop regionally oriented human resources. We have produced a number of regional leaders with the title of "Specialist in Promoting Regional Creation," who had earned a certain number of credits in "Okayama Creation Studies" and have been awarded.

The "Kibi no Mori" Creation Strategy Project has been selected for the 2020 Ministry of Education, Culture, Sports, Science and Technology's "Regional Development Human Resources Education Program Construction Project". Accordingly, the "Kibi no Mori" Creation Strategy Project will be launched in April 2021 with an enhanced minor, that will allow students from undergraduate and graduate courses to take an integrated social collaboration education. The freshmen to juniors may take a course of "Okayama Creation Studies", the juniors and seniors may take a course of "Kibi no Mori Creator", and the graduates may take a course of "Kibi no Mori Producer". Students learn their major subjects in undergraduate and graduate courses respectively and besides taking these minor subjects help them acquire a higher level of expertise and a broad range of human skills. Lectures and practicums are held by universities, local organizations, and companies as integrated education, where undergraduates, graduates, and members of society take courses together and as a result, they can experience collaboration and team learning by interculture, different fields, and multi society and can grow up as tough individuals with future mind and regional potential.

To those who are dreaming about future or are going to dream about future, I would like you to look into the window of Okayama Prefectural University that leads to the future. In there, you will hear wild birds singing and see bristling with "Kai no Ki" (Chinese Pistache), said to be a tree of learning. Our campus is a corridor leading to your future dreams, where exotic auditorium stands and is abundant in nature. We are here waiting for you.

We are looking forward to cultivating together "Kibi no Mori" full of dreams and roman!

President of Okayama Prefectural University **OKI** Yoko



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Department of Nursing Science





Caring for People, with Skill and Empathy

According to the requirements of aging societies and the needs to maintain and improve quality of life (QOL), nursing professionals are expected to play a pivotal role in providing humane and holistic care. The Department of Nursing Science aims to nurture nursing professionals with reliable knowledge and skills who will contribute to people so that they can live a healthy and fulfilling life.

Based on the specialized knowledge relating to nursing science acquired over four years, we organize systematic educational courses in order to acquire high ethical standards, education, and global perspective to carry out specialized nursing activities in collaboration with multiple professions.

We develop nursing professionals who are able to provide holistic care and possess both the independence to develop themselves and flexibility as individuals

Faculty Members

Professors	Kazuko Sumiyoshi/Katsuko Okimoto/Toru Takahashi/Tetsuya Ogino/ Michiko Morimoto/Shintaro Sekine/Yumiko Morinaga
Associate	Yuka Okazaki/Sakae Mikane/Megumi Nagoshi/Sachiko Inoue/
Professors	Rie Ikeda/Shinsuke Sasaki/Yoshie Sato
Research	Yuko Amino/Noriko Takabayashi/Tomoko Inukai/Kaori Inoue/
Associates	Nahoko Kawashita/Mayumi Iwamoto

(Professional Certifications Offered

Eligibility for the National Nursing Exam

• Eligibility for the National Midwifery Exam (Approx. four students are eligible.)

Placements after Graduation

Graduate School

- (Public Health Nurse (Courses related to national exam qualifications for public health nurses are offered in the master's program), Midwife, etc.)
- Midwife/Hospital, Clinic, Delivery Center, etc.
 Nurse/Hospital, Clinic, etc.



Emergency Medicine

In addition to learning the pathophysiology, treatment, and nursing of shock, burns, and poisoning, encountered in the emergency medical field, the students will practice (basic life support (BLS)) to improve practical skills.



Midwifery Diagnosis and Technique II Midwifery course students will learn about midwifery diagnosis assessment and assistance methods for pregnant women parturient women, puerperant women, and newborn babies, along with normal delivery assistance techniques. Multiple practice sessions using latest delivery assistance models will be conducted under the guidance of the teachers



Maternal Nursing I

In maternal nursing, students learn about the nursing of women and families in the maternity cycle. We train students to offer support in pregnancy, childbirth, and initial childcare along with other childcare techniques to foster bonds with babies



Nursing Methodology IV

Learning about nursing techniques such as blood pressure measurement and auscultation are imperative for nurses. For nurses, this is a very important technique, hence, we will take time to study together carefully

Department of Nutritional Science



To Make Life Healthy and Happy, with Food

As the old saying goes, "a balanced diet leads to a healthy body," health and diet are closely related. The department will contribute to regional society by maintaining and improving people's health and seeking to prevent and cure diseases from the point of view of nutritional sciences.

Based on the concept of "nutrition as a life science", we will study related subjects centered on food science, nutrition, and life science systematically, and study interrelationship between food and health scientifically. In the first year, you will acquire liberal arts education and the basics of food science and nutrition of the specialized subjects. In the second and third years, you will acquire a wide range of specialized knowledge, and develop practical and leadership abilities through experiment and experience. In the fourth year, you will develop scientific inquiry, logical thinking, and systematic execution skills, and acquire problem-solving and practical abilities.

We aim to train human resources who will be active in a wide range of fields as dietitians, food sanitation supervisor or inspectors, diet and nutrition educators, research developers and quality supervisors.

Faculty Members

Professors	Koichi Tanaka/Toshiko Yamamoto/Hideyuki Ito/Yo Takayo Kawakami/Megumi Kubota/Hiromi Yamash
Associate Professors	Nobuyoshi Nakajima/Mayumi Tabuchi/Yuki Kawak
Lecturer	Risa Tsushima
Research Associates	Rikako Inoue/Hitomi Maruta/Izumi Tsukayama/Yuji Keisuke Toda
Professional	Certifications Offered)

- Dietitian Eligibility for the National Exam for Registered Dietitians
- Food Sanitation Supervisor (Certification for Appointment)
- Food Sanitation Inspector (Certification for Appointment)
- Diet and Nutrition Teacher Class 1 Certificate

Placements after Graduation

- Graduate School
- Local Government Workers (prefectures, cities, towns and villages) Hospitals, Health and Welfare Facilities
 Food Related Firms (Production) Development, Research)

 Group Lunch Service Facilities

 Special schools. Faculty members etc.



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Cooking Practice I

In addition to learning cooking styles and cooking techniques such as Japanese, Chinese, and Western d cuisines, students will also learn menu making, food ingredients, cooking operations, seasoning, presenting, serving, and eating habits.



Nutrition Education Practice

Students will learn the basics of communication and essential skills through simulated experiences in various nutrition education situations such as food education classes for children, health education, and individual guidance for patients according to their illness.



Public Health Nutrition Practice

Students will understand local health and nutrition-related problems, analyze issues promote cooperation and collaboration between related parties and organizations, and acquire the management ability to plan, implement, and evaluate public nutrition activities



Anatomy and Physiology Experiment II

In order to acquire the qualities as a member of team medical care, students will use the medical education simulator "Physico" to promote learning in small groups focusing on cases, and making presentations including an overview of related diseases.

Department of Contemporary Welfare Science





We Want You to Know! Somebody Needs You

The Department of Contemporary Welfare Science develops human resources that contribute to both their regional society and international society with a global perspective to solve the multiple problems of modern society, such as a declining birthrates and an aging population or a global society.

Students choose their course of classes starting in the second year. In the social welfare course, we train social workers to solve the multi-faceted social problems of modern society using the approaches of social welfare. In the care and welfare management course, we develop care work leaders who are good at management and business persons in its field. We also offer practical programs held in local communities and abroad so that the students can play an active role in the local and the international community with an international sensibility.

Faculty Members

P A R R	Professors	Rie Kondo/Jinro Takato/Hikaru Nakamura/Takashi Murakoso/ Junko Sakano/Yoshihito Takemoto/Kenji Iwamitsu
	Associate Professors	Akiko Rakugi/Kaori Harano/Masafumi Kirino/Yukari Sato/ Minjeong Cho/Michiko Suwo/Takashi Okura/Hitoshi Kimura/ Atsushi Kuchimura
	Research Associates	Yoichi Sawada/Yusuke Inoue

Professional Certifications Offered

• Eligibility for the National Exam for Social Worker (Only those specializing in Social Welfare Course are eligible. > • Eligibility for the National Exam for Mental Health Social Worker (Up to 10 students specializing in Social Welfare Course are eligible.) • School Social Worker (Up to Guidance Advisor, Family Consultant, Welfare officer for Persons with Disabilities, Welfare officer for People with Developmental Disabilities (Certification for Appointment; can be appointed without work experience for the qualification holder of Certified Social Worker> (all students specializing in Social Welfare Course are eligible.) • Eligibility for the National Examination for Care Workers (Only those specializing in Care and Welfare Management Course are eligible: Up to 10 students) • Social Welfare Officer (Certification for Appointment) (All students of the Department of Contemporary Welfare Science are eligible.)

Placements after Graduation

 Civil Service (national, prefectural and city governments (Child Consultation Center, Board of Education, Mental Health and Welfare Center, etc.), Municipalities) • Healthcare Organizations (Medical Social Worker, Mental Health Social Worker)

 Various Types of Social Welfare Organizations (Council of Social Welfare, Area Comprehensive Support Center, etc.)

 Various Social Welfare Facilities
 Companies
 Graduate Schools and other educational opportunities



Social Work Exercise II

While acquiring communication skills, students will learn the knowledge and skills of social workers' consultation assistance through practical role-plaving.



International Social Welfare

Students will learn about welfare policies and social work in Sweden, the United States, the United Kingdom, France, Germany, and South Korea, through lectures, videos of welfare sites in each country, and active learning.



Social Town Planning

Students will gain an in-depth understanding of social town planning and realize the importance of improving infrastructure for community life to enrich the living environment for older adults and people with disabilities.



Care Robot Theory

Students will learn about the origins and foundations of care robots, the assessment and utilization for introduction into long-term care and welfare sites, and the various collaborations with engineers and other professionals.

Department of Childhood Studies



Nurturing the Future Together with Children and Community

The Department of Childhood Studies trains lifetime studying specialists for early childhood education and childcare who integrate their knowledge of the theories of child development and learning with practical skills in nurturing children

In the four-year curriculum, students will learn specialized knowledge, skills, and morality concerning early childhood education, acquire skills of directing and supporting for children and families with diverse needs, and improve abilities for understanding, judgment, and expression necessary for educators and childcare workers.

Furthermore, through collaborative projects with local organizations such as the Child-Rearing College, and with initiatives to integrate multicultural approaches to child development practices, the department will enhance the comprehensive strength of its students toward their active participation in local communities while, integrating a global perspective.

Faculty Members

Professors	Takashi Yamamoto/Mari Kashiwa/Taichi Akutsu
Associate Professors	Nahoko Nakano/Junko Niiyama/Yukiko Kyobayash Chiharu Obata/Eric Des Marais
Lecturer	Chisato Kusumoto
Research Associates	Taichi Kodama

(Professional Certifications Offered

 Kindergarten Teacher Class 1 Certification
 Nursery School Teacher Certification Social Welfare Officer (Certification for Appointment)
 Child Welfare Officer

(Certification for Appointment) (In the Department of Early Childhood Studies, work experience of at least one year is necessary beyond earning the required credits) Child Guidance Advisor (Certification for Appointment)
 Family Counselor

(Certification for Appointment)

Placements after Graduation

- Kindergartens Nursery Schools Certified Childcare Facilities
- Child Development Support Centers
 Child Welfare Facilities
- Various Child Welfare Organizations
 Early Childhood Education Related Companies
- Civil Service (Prefectural and City Governments, Municipalities, etc.)
- Graduate Schools and Other Educational Opportunities

Department

introduction

WEBsite





Child Care Contents (Language)

Students will learn that interactive learning can be realized through the exchanges between children and teachers. Students practice simulated childcare to develop skills to nurture children's language abilities. We aim for our students to acquire the ability to plan and improve childcare through practice and reflection



Teaching Methods for Children with Disabilities Students will learn the principles and methods of inclusive childcare.

Through simulated experiences of disabilities, roleplays, and case analysis, students will develop the ability to think concretely about individualizing educational methods to support development based on each child's specific needs.



Music I · I

Through singing and playing piano, students will learn the theory of music practically, enhancing their own expression and sensibility. Acquiring proficiency in music might be considered difficult, however, as a childcare worker, it is the foundation for sharing the joy of self-expression with children. Classes are nall and guidance gentle; even beginners do not have to worry



Seminar for Clinical Child Care1 · 2 The aim is to provide a foundational perspective that integrates the individuality of the child and, the supportive environment in which the child is raised, including the community and family environment. By incorporating experiential learning in nursery schools and kindergartens, students will learn practical perspectives and methods for observation and recording

Graduate School of Health and Welfare Science



Graduate school

introduction



laster's Degree

Master's Degree	Master's Course of Nursing Science	With the problem of aging population and the era of advanced medical care, high-quality healthcare services are in great demand. To meet these needs, this master's course aims to cultivate professionals well -versed in specialized skills to provide leadership in reconstructing the nursing sciences. It conducts education and research in three courses, namely: -Fundamental Nursing Science Course, Life Cycle Nursing Science Course, and Public Health, Home Care and Mental Health Nursing Science Course. In addition, students can qualify for the National Examination for Public Health Nurses, by acquiring the required credits.
	Master's Course of Nutritional Science	The course aims to nurture nutrition specialists with possess advanced knowledge and skills, and consists of four courses: Nutrition Informatics, that elucidates the mechanism of metabolic regulation using simulation technology and utilizes it for prevention and treatment of diseases; Food Design Science that elucidates the relationship of design and color to nutrition physiology, eating behavior and palatability. Basic Nutrition that explains food and health problems using technology in the fields of biochemistry and molecular biology; and Food Nutrition that chemically elucidates the functionality of food. As one of the features of the course, students get the opportunity to receive substantial research guidance in collaboration with excellent research organizations outside the university.
	Master's Course of Health and Welfare Science	The Department of Health and Welfare Science promotes research on achieving genuine health-oriented lifetime welfare. To this end, we have established four courses that focus on four different areas designed to (1) theorize the coordination and integration of health, welfare, and medical care in the field of health and welfare, develop welfare support policies, and pursue social adaptation theories that consider disability characteristics; (2) develop and theorize clinical techniques and care management to promote the well- being of children, individuals with disabilities, and the elderly, through the pursuit of specific practical methods; (3) pursue theories and methods that lead to health and welfare practices based on scientific analysis of psychological and physical characteristics related to the adaptive behavior of children, individuals with disabilities, and the elderly, and (4) pursue theories and practical methods in the field of nursery and early childhood education. The Department of Health and Welfare Science will conduct education and research through the pursuit and coordination of these specialties.
Doctoral Degree	Doctorate Course Health and Welfare Science	Candidates will conduct research to scientifically approach the issues relating to society and health from multiple perspectives, including life, nutrition, nursing and welfare. We aim to build an academic research center for the maintenance and promotion of the health of local residents through the in-depth deepening the study of health and welfare, and foster insightful researchers and educators to propose

Training Professionals in the Fields of Health. Medical Care, Welfare. and Education Toward the Development of a **Healthy Society**

After graduating from a four-year university, students of the Graduate School of Health and Welfare Science. already have qualifications such as nurses, midwives, registered dietitians, social workers, mental health social workers, care workers, nursery teachers, kindergarten teachers respectively. Furthermore, we will train them researchers and specialized professionals who can contribute to the development of a healthy society both at home and abroad, by acquiring in-depth knowledge and outstanding research abilities.

Main Curriculum



Public Health Nursing Assessment (Seminar) Students plan and operate the Alzheimer Cafe "Yorare" with the Soja City East North Area Comprehensive Support Center and learn the practical skills necessary for public health nurses



Sensory Impairment and Disabilities Students will examine the effects of physical dysfunction on daily life and support methods from various aspects of behavior, physiology, and psychology, including the simulation of physical dysfunction

Department of Information and Communication Engineering



To Become New Information and Communication Engineers Who Conveys "Feelings"

Information and communication engineering is a discipline that digitizes information, converts it into electrical signals, transmits it via networks and spaces, and processes it accurately. The smartphones and the Internet which are familiar to us are some of the best examples of information and communication engineering.

In the Department of Information and Communication Engineering, students will study science and technology of information engineering, communication engineering, and electronic engineering during the first three years. In the fourth year, they will conduct graduation research in their perspective fields of specializations. Many graduates are active in the cutting-edge information and communication engineering field in society.

Let us study together at the Department of Information and Communication Engineering.

Faculty Members

Professors	Hiroshi Inui/Akihiro Kanagawa/Katsumi Sakakibara Kensuke Okubo/Nobuyuki Itoh/Naoto Iwahashi/Ai
Associate	Takayuki Morishita/Hideaki Wakabayashi/Takehiro
Professors	Mitsuyoshi Kishihara/Hironori Takimoto/Masaya Sa
Research	Kiyotaka Komoku/Tsuyoshi Arai/Koichiro Sakaguc
Associates	Kento Takabayashi

(Placements after Graduation

- Graduate School
 Programmer
 Network Engineer
- Planning and Development of Communication Circuits
- Planning and Development of Electronic Devices
- Planning and Development of LSI
- Communications Service Provider

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solutions in these areas.



Department







This is an introductory course to the Department of Information and Communication Engineering. In the first half, students engage in debating them the pros and cons of given tasks; in the second half, high school mathematics and physics will be reviewed.



Information and Communication Engineering Exercise I Students will learn a wide array of computer

usage, particularly computer literacy, writing, and programming basics in an exercise format, using PC-UNIX, in this course



Information and Communication Engineering Experiment E

Through the design and development of line tracing robots using microcomputers (PICs), students will acquire technical skills and knowledge for moving robots from hardware to software



Information Networks

Students will learn more about the diverse technologies used to exchange packets over computer networks, both in terms of hardware and software.

a/Koji Sueoka/ Sugimura Fukushima ato/Yusuke Noda :hi/

Department of Systems Engineering





Creating the Future of Machines and Information

As Society 5.0, highly integrated combination of cyber space (virtual space) and physical space (real space), connects IoT with all people and things, as a result, artificial intelligence (Al), robots, self-driving cars, etc. will become more familiar to us.

Hence, the Department of Systems Engineering aims to acquire such sciences as information engineering that can contribute to the development of computers, mechanical engineering for manufacturing based on mechanics, and interface engineering that connects people with machines and computers. We also encourage students to imbibe a sense of cross-disciplinary understanding, independence, cooperation, and proactive participation in the creation of new engineering based on the premise of global culture and humanity.

Faculty Members

Professors	Koichi Ozaki/Hiroaki Komatsu/Xin Xin/Kazutami Arimoto/ Akira Tsumaya
Specially Appointed Professor	Tomio Watanabe
Associate Professors	Masami Ichikawa/Taiga Yamasaki/Tomoyuki Yokogawa/ Tadao Fukuta/Yasuhiro Tajima/Kenichi Mitani/Yutaka Ishii/ Yoshitaka Tokunaga/Sousuke Amasaki
Research Associates	Seiji Shiba/Shinsaku Izumi/Manato Kanesaki

(Placements after Graduation

- Graduate School
 Information and Communication Industry
- Electronics Manufacturer
 Precision Device Manufacturer
- Machine and Transportation Device Manufacturer



Programming Exercise I / II The students will learn the basics and the application of program creation, using C language along with in-depth understanding of grammar and developing basic programming skills.



CAD Exercise I / II

The ability to read and write mechanical drawings is the basis of design. Through 2D and 3D CAD exercises, the students will develop the ability to acquire essential knowledge, understand and draw accurately



Human Interface

The students will learn the fundamentals of the human interface including, human characteristics in interaction and communication, embodied communication technology, interface design, and evaluation



System Creation Design Project

through student team contests.



Our aim is to integrate basic knowledge about the design and production of machine information systems to produce original electronic devices using microcomputers and sensors, and autonomous mobile robots

Department of Human Information Engineering



Human Development for Manufacturing Products Close to People

When people drive a vehicle, they recognize the information on surrounding the vehicle and make decisions to operate accordingly. Support systems for such actions are practically used. Hence it is important to develop devices and systems able to adapt to the dynamic characteristics of humans.

Based on the philosophy "human-centered design", the Department of Human Information Engineering will train the professional engineers to design 'objects' and 'services' in accordance with the needs and characteristics of users.

Therefore, we integrally learn human science and information engineering through: analytical courses for human body functions, human movements and behaviors: mathematical courses for scientifically recognizing human environment changes, biological functional courses; and engineering courses. In the graduation project, in-depth knowledge of the research subject, research design ability, and ability to conduct research are cultivated.

Faculty Members

Professors	Naoto Haruki/Masaki Hokari/Yoichiro Sato/Makoto Teruaki Ito/Seiji Saito/Hitoshi Yamauchi
Associate Professors	Shinichiro Ota/Kazushige Oshita/Atsushi Watanabe
Research Associates	Takashi Oyama/Tomoya Yoshida/Syunsuke Ota

Placements after Graduation

- Graduate School Healthcare and Welfare Related Firms
- Manufacturing Industry
 Information Service Industry
- Sports Related Industry Civil Service etc.



Department

introduction



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e/Masanao Koeda



Human Anatomy and Physiology

Toward the application of the human centered design ideology, students first need to know about humans. In this lecture, they will learn human anatomy and its working.



Human Information Engineering Experiment I / II

Quantifying human characteristics is the first step of a scientific approach to support the living environment and realize a comfortable life. Through experiments, students will learn methods for quantifying human body functions. human movements and behaviors along with numerical analysis



Design and Drafting Exercise I / II

It is imperative for an interface (hardware) design to consider taking human characteristics. The objective of these lectures is to learn about human-centered design through modeling, using 3D CAD software and the design strength of familiar subjects



Creative Design and Experiment I / II To acquire practical skills and cultivate creativity, measurement systems using sensors, microcomputers measuring physical exercise, and actuator control systems aiming at human support are manufactured, and programming skills acquired.

Graduate School of Computer Science and Systems Engineering





Master's Degree

Master's Course of Systems Engineering

To support the development of a future-creating society through digital innovation, we aim to develop specialized engineers who can promote regional industries in fields such as electronic information and communication engineering, mechanical information systems engineering, and human information systems engineering. Through active discussions and research guidance by multiple instructors from diverse fields, students can develop a broad perspective. robust research content, and strong applied skills.

Doctorate Course of

To meet the diverse demands

of a future-creating society

through digital innovations, we

aim to nurture engineers and

researchers who can accelerate

comprehensive and advanced

knowledge of technology that

is not bound by existing frameworks.

In-depth understanding of

theory and acquisition of

technology are imperative for

discovering and solving new

problems in specialized fields.

Advanced Systems

Engineering

Master's

Degree

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Field of Electronic Information and Communication Engineering

Essential for the development and expansion of next-generation ICT technologies, integrated research in three fields: information processing engineering, information communication engineering, and information electronic engineering, will be undertaken.

Field of Mechanical Information Systems Engineering

Essential for the development and expansion of next-generation technologies that integrate information and mechanical engineering, research covering the three fields: software system engineering, intelligent interface engineering, and mechanical & energy system engineering, will be undertaken in an integrated manner.

Field of Human Information Systems Engineering

Research for the development and expansion of next-generation technologies concerning human life support, integrated research covering the three fields of - intelligent systems, sports and human dynamics, and human support engineering will be undertaken.

Field of Electronic Information and Communication Engineering

Information processing engineering, Information communication engineering, Information electronics engineering

Field of Mechanical Information Systems Engineering

Software system engineering, Intelligent interface system engineering, Mechanical / Energy system engineering

Field of Human Information Systems Engineering

Intelligent systems, Sports human dynamics, Human support engineering

Development and Expansion of Computer Science and Systems Engineering Education and Research

Graduate school

introduction WEBsite

Utilizing information technology, we will train engineers and researchers to broaden their perspectives and contribute to the sustainable development of a future-creating society while striving for harmony between humans and nature.

In Master's Course (two years) program, students will conduct advanced research and receive a master's degree (engineering) upon completion.

In the subsequent doctoral course (three years), we aim to further develop education and research of the master's course and nurture independent researchers. Upon completion, students will receive a PhD (engineering) degree.

Main Curriculum



Systems Engineering Advanced Exercise I In graduate school, research is the main focus. Here, students will present their own research field to the faculty members and other students receiving guidance through questions and answers.



Systems Engineering Advanced Project $I \cdot I$ Research in graduate schools becoming more specialized; students here, will work on individual themes and develop the ability to carry out research independently.

Department of Visual Design



Developing Enjoyable Future with Insight and Communication Skill

The Department of Visual Design aims to nurture specialists active in the field of advertising, publishing, graphic design, and video industry. It offers a specialized cumulative education program through which students will be able to demonstrate their design skills for the sustainable development of local and international communities after graduation.

In the first year, students will learn the basics of visual communication. In the second year, they will choose a specialized subject either graphics or video. In the third year, students will be making proposals from a professional designer's perspective for the needs of the community and society and also learn decision making skills. In the fourth year, they will improve general and specific designing skills through graduation research.

Faculty Members

Professors	Akihiko Kasw/Yukio Kitayama/Kengo Nomiya/Sato Nami Shibata
Associate Professors	Shunsuke Nakanishi/Makiko Nishida/Mieko Saito/ Mankichi Yamashita/Yuka Kazahaya/Toshiomi Tak

Placements after Graduation

- Graduate School
 Graphic Designer
 Art Director
 Video Director
- Planner Game Designer CG Designer Web Designer
- Video Creator (animation, photograph, CG, movie) etc.



Department

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ahashi

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Digital Video Fundamentals

Students will work on video production in groups with the aim of learning the basics of video work, including video shooting techniques, camera operation methods, and editing techniques.



Packaging Design

In addition to understanding the role and function of packaging, students will learn the shape and structure of basic paper containers and conveying ideas with packaging.



Imaging Arts and Sciences Practice II

Throughout the planning and production of video content, students will learn advertising and animation expressions in this class. Students will produce video works and learn the basics of video production techniques.



Graphic Design II Practice

Through the planning and production of sample booklets, students will acquire the techniques to collect and process large amount of information, and be able to assemble textual data and images in magazines.

Department of Craft and Industrial Design



Department



Connecting Eyes and Hands to **Create Future Value**

The future designers are asked to provide new values and incorporate creator's ideas and images in manufacturing. As visionaries that can provide a new perspective, designers will be required to use a series of management resources that add value to their ideas.

The Department of Craft and Industrial Design aims to foster specialists who will contribute to the sustainable development of the society by learning craftsmanship and industrial rationality based on threedimensional modeling education. To achieve this, we have organized a systematic curriculum, starting with basic design knowledge and skills, expertise refinement in each field, and developing planning and proposal capabilities

Faculty Members

Professors	Katsuji Muraki/Kumiko Namba//Teppei Mihara/Kiyonori Shimada/ Shigeki Minamikawa
Specially Appointed Professor	Katsushi Hikasa
Associate Professors	Toshikatsu Funayama/Mau Macedo/Anthony Brunelli/ Tomoko Sakumoto/Misao Watanabe
Lecturer	Hiroshi Ozaki
Research Associates	Atsushi Ueda/Shioka Okamoto/Yoshiyuki Nakahara

- Graduate School
 Product Designer
 Textile Designer
- Ceramic Designer
 Home Appliance Designer
 Furniture Designer
- Car Designer Interface Designer CMF Designer Interior Designer
- Display Designer
 Toy / Stationery Designer
- Dyeing and weaving Artist
 Ceramic Artist
 Artist
 etc.



Introduction to Design b

Through training using clay, students will develop creativity and modeling sensation necessary to compose an object. Methods will cover three-dimensional composition using geometric forms by hand-kneading and board making, concluding with functional pottery



Product Design Practice II Students will tackle issues focusing on the relationship between mass production and form as well as between, human body and tools in product design, learning skills to integrate ideas into form.



Textile Design Practice II Students will work on production using the

silk screen printing technique; acquiring basic printing techniques and making proposals for printing textile designs



Ceramic Design Practice II After clarifying the direction of their research, students will work on the production of ceramic works as a self-expression by expanding their expertise and capturing materials from multiple perspectives.

Department of Architecture



Design Your Future with Architecture

In the Department of Architecture, students acquire a wide range of knowledge and advanced skills in architectural design from interior design to regional planning focused on architectural design and we aim to train architects who contribute to continuous development of both global and local society or specialists in the architectural field. Through liberal arts, students will develop rich humanity and learn basic knowledge of design and they acquire the ability to leverage them. They will also acquire specialized knowledge such as architectural expression, architectural history, architectural planning, architectural structure, and architectural environment, and enhance practical skills through regional design projects or internships.

Furthermore, in graduation research, students will improve their collective strength to solve discovered problems all by themselves. Our goal is to nurture human resources who are able to study voluntarily and pioneer a new era by architecture.

Faculty Members

Professors	Seita Tsuda/Yoshihiro Hukuhama/Toru Mukouyama/Yutaka Y
Associate Professors	Hiromi Nishikawa/Jungsook Park/Daisuke Kawai/Kosuke Hok
Research Associates	Kazuhiro Hata/Kazunori Harada
(Professional Certifications Offered) (eligibility for qualifying examination)	

- 1st-class Kenchikushi (Architect) license
- 2nd-class Kenchikushi (Architect) license
- Mokuzo Kenchikushi (Architect for wooden building) license

- Graduate School
 Architect
 Interior Designer
- Spatial Designer Landscape Designer City Planner
- Town Development Planner Architectural Engineer
- National Public Service



Department



a/Yutaka Yoshida

Kosuke Hokari



Architecture Explorer 1

Students will discover regional issues and gain an in-depth understanding of architecture by exploring a wide range of themes and activities such as historic cityscapes and welldesigned architecture



Architectural Design IV

By undertaking architectural design assignments, students will integrate the skills and knowledge acquired in the other fields. In addition, they will be motivated to learn through experience as well as the fun and rigor of creation



History of Japanese Architecture

Students will learn about historical developments and accumulated wisdom of Japanese architecture in structures, styles, and techniques. They will further their ability to evaluate and utilize historical architecture



Project-based Practice in Architecture Student groups will make architectural proposals regarding issues unique to particular regions, such as disaster prevention and community development. They will learn practical methods for solving problems in collaboration with local residents, governments, and businesses

Graduate School of Design





Nurturing Professionals to Contribute toward Society Through Design

Graduate school

The Graduate School of Design has two courses: the Design and Technology course where advanced designs can be created by constructing analysis and theory; and the Aesthetic Design course where unique and formative designs are originated.

We develop designers and researchers combining advanced professional knowledge, ability, and skill with comprehensive perspective in response to full of creativity and diverse designing environment.

Master's Degree

Master's Course of Design and Technology

Master's Course of Aesthetic Design

Product and Information Design

Students will work on practical, general and specific research activities focusing on various industrial products and daily necessities to produce a fulfilling lifestyle by harmonizing technologies and sensibilities. Additionally, they will learn to organize information, such as user interfaces, that help smooth interactions between humans and products.

Architecture and Urban Design

Through systematic and specific architectural education, students will be able to reinforce their specialty. The course aims to generate practical research projects toward harmonizing environments between humans and architectural spaces targeting a wide range of spatial areas such as town development and urban and regional environments.

Students can explore the possibilities of developing sophisticated design works in the fields of graphics, web design, videos, ceramics, textiles and wooden works. The course integrates these fields in each project toward reinforcing students specialty.





Textile Art Theoretical Study Students will investigate and discuss the

aesthetic expression of textiles including the surrounding area, and make practical planning proposals as a socially meaningful modeling work in collaboration with local companies



Architecture Planning Practice Practical work will be learned through the design and planning of actual construction projects. Students will consider, propose, and summarize the designs necessary for the region in collaboration with undergraduate students.

Campus Map





Arts and Craft Studios



Administration Office

There are reception windows for registering classes, issuing every kind of certificate, and applying for scholarship, using facilities, and other procedures. There also exist healthcare room and counselling room.



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Faculty of Design Gallerv

Lectures and seminars for whole students as well as various events are held here.









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Contact for entrance exams

Admissions Service Section, Educational Affairs Division,

Okayama Prefectural University

TEL.+81-866-94-9163 (Direct) E-mail.nyushi@oka-pu.ac.jp

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