# SHIMANE UNIVERSITY PROSPECTUS 2020

## Welcome to Shimane University!

Shimane University was established as a national university in 1949 and is celebrating its 71st anniversary this year. Shimane University has continued to expand and currently consists of six faculties across two campuses. Matsue Campus is home to the Faculty of Law and Literature, the Faculty of Education, the Faculty of Human Sciences, the Interdisciplinary Faculty of Science and Engineering, the Faculty of Life and Environmental Science, in addition to all of the graduate courses belonging to these faculties. Izumo Campus comprises the Faculty of Medicine and the Graduate School of Medical Research.

Shimane University's goal is to enable students to develop international perspectives and their ability to become leaders in each region of the world. While studying here, students are equipped with the ability to cope with diverse problems like those they encounter in modern society. They are also empowered to take advantage of their accumulated knowledge, their cross-cultural awareness, and their technological skills. Furthermore, I believe that an important mission of Shimane University is to contribute to international society through creative research conducted using international standards.

Currently, we have more than 200 international students from various countries, and they are working hard to master their specialized fields. Studying alongside Japanese friends and other international students, these students also learn Japanese traditions and culture. Shimane University is located in an area of Japan well-endowed with nature, including Lake Shinji, UNESCO Global Geopark, the Oki Islands, and Mount Sanbe. In addition, Shimane Prefecture has many historical and cultural assets, including Iwami Ginzan Silver Mine, which is a World Heritage Site, Izumo Taisha Grand Shrine, and Matsue Castle, which is a National Treasure. Living here, students may come to feel a connection with the wonderful nature, history, and culture of Japan. As such, they can devote themselves to studying and learning at Shimane University in a peaceful environment with rich and abundant nature.

I, along with all the staff members and students, sincerely hope that you will choose to come to Shimane University and enjoy your university life here.

Idattori Gasunao HATTORI Yasunao

President of Shimane University





#### Genuineness

initiative who possess a high degree of expertise and human compassion.





#### Openness

To promote a high international standard of research based on unique, local issues.



#### Applicability

To promote social service programs that can solve local problems.



#### Linkage

To promote international exchanges with Asian and other foreign countries.



#### Sustainability

To respect academic freedom and human rights and promote public trust in the university.

## Contents

Organization	4
Faculty of Law and Literature	···· 5
Faculty of Education	9
Faculty of Human Sciences	. 13
Faculty of Medicine	·· 17
Interdisciplinary Faculty of Science and Engineering	21
Faculty of Life and Environmental Science	25
Graduate Schools	29
Sustainable Development Goals at Shimane University	31
Affiliated Facilities	33
Research Institutes	33
Centers and Organizations	34
Admission Information	35
Guide for International Students	37
Academic Calendar and Campus Life	39
Voice of International Students	40
International Exchanges	41
Access Map	43
Photos of Shimane Area	44



# Organization

#### President

**Board of Executive Directors** 

#### Undergraduate Schools

#### Faculty of Law and Literature

Department of Law and Economics Department of Socio-Cultural Studies Department of Language and Culture

#### **Faculty of Education**

School Teacher Training Course Attached Kindergarten Attached Compulsory Education School

#### **Faculty of Human Sciences**

Department of Human Sciences

#### **Faculty of Medicine**

School of Medicine School of Nursing University Hospital

#### Interdisciplinary Faculty of Science and Engineering

Department of Physics and Materials Science Department of Chemistry Department of Earth Science Department of Mathematics Department of Information Systems Design and Data Science Department of Mechanical, Electrical and Electronic Engineering Department of Architectural Design

#### Faculty of Life and Environmental Sciences

Department of Life Sciences Department of Agricultural and Forest Sciences Department of Environmental and Sustainability Science

#### **Graduate Schools**

#### Graduate School of Humanities and Social Sciences Department of Law and Economics Department of Language and Culture/Socio-Cultural Studies

#### **Graduate School of Education**

Program of Pedagogical Development Program of Clinical Psychology

#### **Graduate School of Medical Research**

Department of Medical Science Department of Nursing Science

#### Graduate School of Natural Science and Technology

- Major in Science and Engineering
- Major in Science of Environmental Systems
- Major in Agricultural and Life Sciences
- Major in Science and Engineering for Innovation

#### **Attached Facilities and Institutions**

#### Office for Regional Collaboration and Innovation

#### **Organization for Education and Student Support**

Higher Education Center Health Service Center Student Support Center

Student Accessibility Office

#### **Organization for Research and Academic Information**

Center for the Promotion of Project Research Estuary Research Center Interdisciplinary Centre for Science Research General Information Processing Center Center for Community-Based Healthcare Research and Education Shimane University Museum ASHIKARU Center for Natural Disaster Reduction Research and Education Education and Research Center for Mathematical and Data Science

#### **Organization for the Promotion of Globalization**

Center for International Exchanges Center for Foreign Language Education International Joint Research Institute of Shimane University and Ningxia University

#### **Organization for Industrial Innovation**

Next Generation Tatara Co-Creation Centre

#### Education and Research Center for Mathematical and Data Science

#### University Library

Main Library in Matsue Medical Library in Izumo

#### Undergraduate

Number of International Students

Total Number of Students

#### Graduate

Number of International Students

5,239 Jacobs J. 200 Jacobs J. 200 J.

Total Number of Students

Number of International Students includes non degree-seeking students and students from the United Graduate School of Agricultural Sciences, Tottori University As of May 1. 2020

### Faculty of

# Law and Literature

#### Department of Law and Economics

- Law Course
- Economics CourseJudicial Special Course

#### Department of Socio-cultural Studies

- Ocontemporary Society Course
- History and Archaeology Course

#### Department of Language and Culture

- Japanese Language and Culture Studies
- Chinese Language and Culture Studies
- English Language and Culture Studies
- OGerman Language and Culture Studies
- French Language and Culture Studies
- Philosophy, Art, and Cultural Relations Studies



The Faculty of Law and Literature covers a wide range of fields in humanities and social sciences. You can study a variety of research fields in small-size classes, where it is easy to ask questions or ask for advice from teachers and classmates. The faculty also plays a close role with communities in the region. Many students actively take part in social research, archaeological research, city planning and NPO activities. We offer graduate programs in humanities and social sciences as well. Each program aims to educate students in developing academic information literacy to play a useful part in today's highly information-oriented society.



We seek students with a strong motivation to study and a clear vision of the future. We are committed to ensuring that our students acquire academic knowledge, develop research skills, and make full use of their knowledge and skills in society.

A candidate must have graduated from high school or have achieved the equivalent of high school educa-

tion. International students are also required to have a high level of proficiency in Japanese language (N1 of the Japanese Language Proficiency Test) since education is conducted in Japanese.



https://www.hobun.shimane-u.ac.jp/



#### Department of Law and Economics

- Law Course
- Economics Course
- Judicial Special Course

The Department of Law and Economics provides a lot of lectures about both fields of law and economics. Our educational purpose is to study society by making use of viewpoints in both fields.

Regional communities have many problems to be solved; for example, the environment, declining birthrate and aging population, decentralization of power, hill and mountain areas, and promotion of communities to name a few. In addition, concerning the life of citizens, new movements in the fields of labor, family, and economy have become big issues.

We expect students to gain the basic knowledge of law and economics, to apply them, and to acquire an ability of analyzing situations, formulating policies, and solving problems.





https://www.hobun.shimane-u.ac.jp/houkei/

#### Department of Socio-Cultural Studies

- Contemporary Society Course
- History and Archaeology Course

This department offers two courses to students who are interested in socio-cultural studies. In the Contemporary Society Course, students can study sociology, geography, and cultural anthropology. This course contributes to developing students' ability to understand and explain the relationship between human beings and community, the structure and functions of community, and characteristics of community culture. In addition to the lectures and seminars, students are provided with opportunities to learn the analytical methods through experimentation, observation, social research, and fieldwork.





In the History and Archaeology Course, there are five fields: Japanese history, Asian history, European history, contemporary history, and archaeology. Students have the opportunity to study history and archaeology from a broad perspective and deepen their understanding of theoretical studies, through field research and excavation. Further, there are several voluntary seminars, held outside regular class hours, that students plan and carry out by themselves with faculty support. The annual grand tour is also planned by the students. This is an outstanding tradition and a unique characteristic, which is not often seen at other universities.



https://www.hobun.shimane-u.ac.jp/shakaibunka/

#### Department of Language and Culture

The department provides six study areas.

Japanese Language and Culture Studies provides programs on Japanese language and Japanese Literature. Students learn the history of Japanese language, syntax, phonetics, dialects, and other linguistic foundations. Literature majors study the picture scrolls and manuscripts from the Edo era and novels of the Meiji period. Chinese Language and Culture Studies provides classes that extend from the Chinese myths to contemporary literature along with the history, culture and ideas.

English Language and Culture Studies provides classes that cover 16th-century English poetry to 21st-century American novels, and also gives courses on cross-cultural studies and English linguistics. Several classes are taught in English by native English speakers. German Language and Culture Studies has classes in which students read medieval to contemporary German texts, and guides students to develop understanding of German culture. French Language and Culture Studies provides courses on French linguistics and literature, Francophone cultures, and comparative studies with Asian and/or Anglophone literature and culture.

Philosophy, Art, and Cultural Relations Studies focuses on the study of various cultural activities in which cultures are inherited, altered through collision, or newly created. It guides students to learn research methods and apply them in the interpretation of art, understanding of thoughts, and intercultural communication studies.





https://www.hobun.shimane-u.ac.jp/gengobunka/

# Faculty of Education

#### **Curriculum Program**

Course of Elementary School Education Course of Special Support Education Course of Japanese Language Education Course of English Education Course of Social Studies Education Course of Mathematics Education Course of Science Education Course of Health and Physical Education Course of Music Education Course of Art Education



#### Raising Professional Teachers Through Experience

The Faculty of Education at Shimane University is the only department in the San'in Region that is exclusively dedicated to teacher education. We see ourselves as pioneers of education reformation in the 21st century and take initiatives in solving various educational problems in the local communities. We will raise professional teachers with great passion and profound expertise to handle practical problems at school.

#### Characteristics of the Curriculum and Research

In our teacher training curriculum, a great emphasis is put on hands-on learning, called 1,000-Hour Experiential Program, as well as academic course work that



develops basic scholastic abilities. This is based on our belief that prospective teachers must be equipped with practical experience with which they can compare their performance with the educational theories mastered in class.



https://www.edu.shimane-u.ac.jp/

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#### 1,000-Hour Experiential Program

How can teachers work with children and their parents? How can they plan and carry out extracurricular activities? It is difficult to learn these practices simply by studying textbooks. The 1,000-Hour Experiential Program immerses students in hands-on experiences where they meet and talk with people, especially with children from the communities surrounding Shimane University. This special program consists of two subprograms: "Basic Experiencial Program," which puts students in direct contact with children in various environments and the "Practical Education Program," where students practice teaching at school and develop and enhance basic skills in clinical psychology including counseling.



## Center for Research on Teacher Education

This Center is in charge of managing the teacher training curriculum for students in departments other than education and takes care of their practice teaching and care work experience. It also provides information on teacher recruitment examinations and organize various seminars targeted at both prospective and in-service teachers. Students can freely use its working space for studying and communicating with others who have the same goal of becoming teachers.



#### Center for Educational Support

We support the following three programs: the 1,000-Hour Experiential Program, the Profile Sheet System and the *Mirai Kyousi Juku Program*.

#### 1,000-Hour Experiential Program

The 1,000-Hour Experiential Program immerses students in hands-on experiences where they meet and talk with people, especially with children from the communities surrounding Shimane University. This special program consists of two subprograms: "Basic Experiencial Program," which puts students in direct contact with children in various environments, and the "Practical Education Program," where students practice teaching at school and develop and enhance basic skills in clinical psychology including counseling.

#### (2) The Portfolio System for Students' study

The system provides both an objective evaluation and a self-assessment of students' accumulated experiences, accompanied by radar charts.

#### (3) The Program for Prospective Teachers, Mirai Kyousi Juku Program

This program is designed for students who will take the teacher recruitment examination. We hold seminars on self-analysis, self-appeal, preparation for interviews, and simulated lessons. Through the content of the seminar, the students deepen their thoughts on education and the ideal teacher.

#### Center for Faculty Development Strategies

This Center is the organization responsible for the development of the Faculty of Education through reviewing, evaluating, and improving educational programs. It is aimed at evaluating, devising, and improving all the subjects of the Faculty of Education and its unique educational activities. It also plays a role of utilizing various data for educational improvement.



# Faculty of Human Sciences



Department of Human Sciences

Psychology Course
Social Welfare Course

Health Sciences Course

The Faculty of Human Sciences, founded in 2017, aims for the fundamental understanding of human beings and applies that knowledge with people, particularly in the local community. The mission of the faculty is constructing a society where people live by their own values. The multidisciplinary academic staff tackle issues across various research fields: psychology, social welfare, and health sciences. Our educational programs enable students to comprehensively understand mental, physical, and social aspects of human life. To acquire both practical and scientific attitudes, students are given opportunities to practice in local communities from their freshman year to their senior year and integrate these experiences with scientific



thoughts and theories. Interactive Presentation Meeting (IPM) is a distinctive class in which the entire class of students present and discuss their research and experiences with each other. Through coursework, students are encouraged to develop communication skills and address issues in cooperation with people from various backgrounds. Alumni are expected to be specialists in human services, public services, and business with sufficient knowledge and practical interpersonal skills.

https://www.hmn.shimane-u.ac.jp/



#### Psychology Course

It is necessary to have both the viewpoints of consideration of unique individuals and the understanding of general principles of the human mind in order to understand humans. Students learn about the human mind and behavior multidirectionally by understanding the human mind and behavior scientifically through experiments and research, and by understanding the human mind practically, sympathetically and objectively. In such regional practice classes, students learn empirically through involvement with local people. Through study, we build the capabilities to understand the human mind and behavior, and support people emotionally.





http://www.ipc.shimane-u.ac.jp/psych/index.html

#### Social Welfare Course

Welfare services preserve human dignity. They have become indispensable parts of our lives. Students in this course are expected to work on their intellectual growth in finding causes and natures of social problems in Japanese society through in-depth analysis with the multiple perspectives on helping people. They are also expected to work hard to develop their capacities as professional social workers who can evaluate clients' individual problems, come up with practical solutions using clients' strength, and make this society more people-oriented. The course curriculum is designed to enable students to learn the values, theories and skills of social welfare systematically and to follow the national requirements of certified social workers and psychiatric social workers.





https://www.hmn.shimane-u.ac.jp/welfare/welfare.html

#### Health Sciences Course

Health sciences has physical, mental and social aspects. In this course, students learn about physical health scientifically. Students learn from teachers in various fields such as exercise physiology, biomechanics, occupational health, environmental health, and business economics related to health garments and healthcare. We develop students who can support people's health and a healthy, long-lived society through various classes and practices in social health facilities.



http://www.ipc.shimane-u.ac.jp/health-sciences/index.html



# Faculty of Medicine



School of Medicine School of Nursing

#### Basic Idea

Education, research, and medical services are conducted to equip students with a sense of culture and ethics from an international viewpoint, and cultivate in them the spirit of scientific inquiry, medical development, and nursing sciences, which consequently makes a contribution to the development of the community and the welfare of humanity.

#### **Educational Goal**

The educational goal is to produce doctors and nurses who are able to meet the needs of the times by developing in the students a sense of culture, ethics, and the spirit of scientific inquiry as well as a humanistic orientation, which will enable them to maintain the utmost respect for human life.



#### History

Shimane Medical University was founded in 1975 and has sent more than 3,000 outstanding physicians to medical facilities all over Japan. In 1999, the School of Nursing was established to educate and train nurses in this growing field. Shimane Medical University merged with Shimane University on October 1, 2003, and became the Faculty of Medicine of Shimane University. Our campus is located in Izumo City and is separate from other facilities located in Matsue. It consists of almost 350 academic staff and almost 900 undergraduate students.

The Faculty of Medicine has 46 departments in the School of Medicine and 3 departments in the School of Nursing. The undergraduate course for the School of Medicine lasts 6 years and the School of Nursing lasts 4 years.



https://www.med.shimane-u.ac.jp/english/index.html



#### School of Medicine

Medical professionals paving the way for the medical studies and medical care of tomorrow

At the School of Medicine, our focus is on the cultivation of excellent medical professionals who will pave the way for the medical studies and medical care of tomorrow. Based on a rich sense of humanity, a wide-ranging education, and high moral values, our students develop cooperation, leadership and decision-making skills, in addition to an international perspective and an inquiring mind that stimulates progression into undiscovered research territories.





https://www.med.shimane-u.ac.jp/medicine/

#### Course Outline

The curriculum at the School of Medicine is designed to follow our university's basic policy for the cultivation of human resources and meet the global standard. The curriculum allows students to acquire the rich sense of humanity, high moral values, specialist medical knowledge, and basic skills necessary to function as a medical professional.

From the early stages of their university education, students receive a regional-based education that fosters in them a sense of vocation and a strong interest in Regional Medical Care. Also, by receiving education in Medical English and being provided with opportunities to study overseas, they can develop an internationally-framed way of thinking. Students also get to train their inquisitive minds by engaging in research experience. Furthermore, tutorial-style education enables students to develop their problem-solving, information-gathering and cooperation skills by participating in small groups. Prior to the start of clinical training, implementation of the CBT (Computer-Based Testing) and OSCE (Objective Structured Clinical Examination) tests take place. During their clinical clerkship, students experience real medical care under the supervision of a supervisory doctor, acquiring basic clinical capabilities. Through this clinical clerkship, which is being utilized at approximately 70 medical care facilities and hospitals within the prefecture in addition to the University Hospital, students learn about Primary Care and Regional Medicine.

#### School of Nursing

Developing a competency in nursing that supports the lives and lifestyles of the people

At the School of Nursing, our focus is on developing a competency in nursing that forms the foundation for progressing through a lifelong career specializing in the nursing profession. Through the acquisition of skills and knowledge, our students develop the capacity to administer nursing care appropriate to varying health conditions, from health maintenance and promotion, to recovery from illness and end of life issues. We endeavor to develop in our students a broad perspective and rich sense of humanity that will enable them to cooperate with other specialists in the fields of health, medicine, and welfare.

#### Course Outline

The four-year curriculum is designed such that students will receive a fulfilling education through which they learn to exercise flexibility in a variety of situations, from the treatment of suffering patients, to the promotion of the health of people in the community.

The first year of nursing studies involves acquiring the knowledge necessary for functioning as a working adult and creating a foundation of knowledge for their nursing studies. Throughout the first and second years, the students study



how to practice nursing through the subjects of human understanding, the ethics of caregiving, basic medical knowledge, and scientific evidence. From the second semester of the second year, the focus becomes more specialized, with studies encompassing the areas of adult nursing care, pediatric/maternity/gerontological nursing care, psychiatric nursing, regional care and home nursing. In the third and fourth years, students strengthen their nursing skills and knowledge while training in real nursing care situations. In the fourth year, students complete their comprehensive nursing practicum and research before graduation, which is the culmination of their university studies.



https://www.med.shimane-u.ac.jp/kango/



### Interdisciplinary Faculty of

# Science and Engineering

Department of Physics and Materials Science •Fundamental Physics •Materials Engineering

Electronic Device Engineering

Department of Chemistry
 Basic Chemistry
 Environmental Chemistry

• Functional Materials Chemistry

Department of Earth Science

Geoenvironmental Science

Geo-disaster Science

Department of Mathematics Pure Mathematics Applied Mathematics

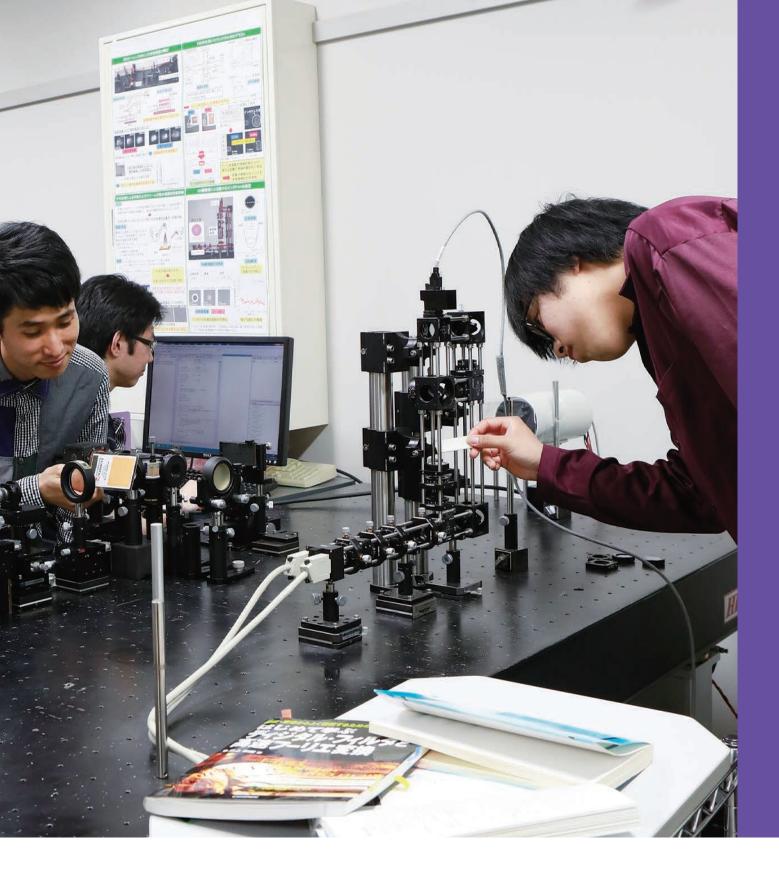
Department of Information Systems Design and Data Science • Data Science • Information Systems Design

Department of Mechanical, Electrical and Electronic Engineering Mechanical Engineering Electrical and Electronic Engineering

Department of Architectural Design •Building Structure / Environmental Engineering •Architectural Planning and Design



The Interdisciplinary Faculty of Science and Engineering of Shimane University, established in October 1995, arose from the reorganization of the Faculty of Science and the Faculty of Agriculture. The ultimate objective of our faculty is to fuse and integrate the discipline of science and the analysis of natural phenomena to develop fundamental ideas in the form of scientific truths with the discipline of engineering responsible for developing technologies that enable the design and production of objects and systems for specific purposes. The faculty features an interdisciplinary education and research system that spans many topics ranging from fundamental science to engineering and providing solutions to the problems of society today. These features combine to form an educational and research system unique in Japan. The faculty consists



of seven departments: physics and materials science, chemistry, earth science, mathematics, information systems design and data science, mechanical, electrical and electronic engineering and architectural design. Approximately 400 undergraduate students enroll each school year.

The faculty aims at providing students with the fundamental sense and application capability required

to cope with the advanced and ever-changing developments in science and technology in the 21st century. After graduation, approximately 40% of our students enter higher graduate courses. Graduates also find employment in a wide variety of companies and government agencies.



https://www.riko.shimane-u.ac.jp/

#### Department of Physics and Materials Science

- Fundamental Physics
- Materials Engineering
- Electronic Device Engineering

The Department of Physics and Materials Science invites prospective students with vigorous academic interests in theoretical physics, applied physics, and materials science, or in the interrelations of these disciplines.

Courses for freshmen and sophomores are carefully organized to provide the exercises, experiments, fundamental knowledge and skills, required for future scientists and engineers, including calculus, mechanics, electromagnetism, solid-state physics. A wide range of advanced lectures in modern physics and materials science subfields are available to juniors. Seniors are given research opportunities at the very frontiers of individual disciplines. Our fields of research are diverse: superconductor, semiconductor, functional materials, strongly correlated electronic systems, quantum, computational, and mathematical physics. Individual supervision by our faculty comprised of active researchers guarantees the awarding of bachelor's degrees upon completion of the graduation thesis.





http://www.phys.shimane-u.ac.jp/

#### Department of Chemistry

- Basic Chemistry
- Environmental Chemistry
- Functional Materials Chemistry

The Department of Chemistry includes three educational courses designated as the basic chemistry course (offered to students who wish to undertake broad studies in chemistry), environmental chemistry course (offered to students who wish to apply their skills in chemistry on environmental preservation), and functional materials chemistry course (offered to students who wish to specialize in engineering and applied chemistry). All courses contain lectures from a wide range of chemistry for their educational purposes. Students enrolled in this department choose one of the three



courses at the beginning of the third year. In their final year, students execute their own research study under the guidance of professors who are accomplished researchers. Throughout this research study, students efficiently gain their skills and knowledge required to complete their educational course and graduate.



http://www.chem.shimane-u.ac.jp/

#### Department of Earth Science

- Geoscience
- Geoenvironmental Science
- Geo-disaster Science

Research and education in the Department of Earth Science are based on geology and some aspects of engineering geology. The aims of the department are: (1) to encourage systematic understanding of earth materials and resources, (2) to promote better understanding of the mutual relationships among humanity, society, and the earth from geological viewpoints, and (3) to establish effective methodology to reduce natural disasters based on a wide knowledge of geological processes and environmental changes.

Our education programs are aimed at producing highlevel scientists and engineers in Earth sciences and related fields. Field work and practical skills are important components in our undergraduate courses.





https://www.geo.shimane-u.ac.jp/e/

#### Department of Mathematics

- Pure Mathematics
- Applied Mathematics

The Department of Mathematics was formed in 1949 to coincide with the establishment of Shimane University. Mathematics is an indispensable part of human activities, and is one of the three basic elements in primary education: reading, writing and calculation. Advanced mathematics seeks beauty in numbers, and also provides tools and language to analyze and describe various phenomena.

The education program of the department provides two majors, Pure Mathematics and Applied Mathematics, to acquire the knowledge and skills of mathematics, statistics and computer science for living in today's high-tech society. Pure Mathematics includes algebra, topology, differential geometry, and differential equations. Applied Mathematics includes optimization theory, statistics, dynamical systems, and mathematical biology.



http://www.math.shimane-u.ac.jp/

#### Department of Information Systems Design and Data Science

Data Science

Information Systems Design

The Department of Information Science was established in 1989. After several reorganizations, our department reached its present state in 2018. Information and computer science/ engineering are indispensable parts of a wide range of human activities in society. The next stage of the society is said to be a data driven society. Data science is the foundation of such society.

The aim of the department is to provide our students with the knowledge and skills of data science and computer science. The education program consists of two majors: Information systems design and data science. The information systems design includes basics in computer science and software engineering along with practical exercises. The data science includes statistics and machine learning.





https://www.cis.shimane-u.ac.jp/

#### Department of Mechanical, Electrical and Electronic Engineering

Mechanical Engineering

Electrical and Electronic Engineering

The department offers education and research related to the areas of mechanical engineering, electrical engineering, and electronic engineering. Students study a wide range of basic theories related to the areas of this department during their first two years. They then select one of two undergraduate courses: Mechanical Engineering Course and Electrical and Electronic Engineering Course.

These courses include a sub-curriculum, related to computer literacy and programming, which utilizes a comprehensive computer system for educational purposes.

The department aims to nurture graduates who have prepared for professional engineering in either mechanical engineering or electrical and electronic engineering, with fundamental knowledge in both of the two fields.



http://www.ecs.shimane-u.ac.jp/

#### Department of Architectural Design

- Building Structure / Environmental Engineering
- Architectural Planning and Design

We conduct education and research in the fields of (1) architectural planning; (2) building structure; and (3) architectural environment. Students acquire comprehensive knowledge in these fields during their first two years. At the end of their second year, students can choose to follow one of the following two courses: (A) Building Structure/Environmental Engineering or (B) Architectural Planning and Design. In the first semester of their third year, students decide the field in which they want to major. The graduation research theme will be decided at the beginning of their fourth year. Students' expertise is enhanced under supervisor instruction.

Through such an education and research program, we aim to acquire highly professional skills and develop human resources who can create forward-thinking architectural spaces for a new era with the keywords of "safe and comfortable," "succession and development of regional culture," and "sustainability."





http://kenchiku-seisan.jp/

# Faculty of Life and Environmental Sciences

#### Department of Life Sciences

- Cell Biology
- Aquatic Biology and Biodiversity
- Biochemistry and Life Sciences
   Food and Life Sciences

#### Department of Agricultural and Forest Sciences

- Crop and Livestock Production Course
   Horticulture and Plant Science Course
- Agricultural Economics Course
- Forestry Course

#### Department of Environmental and Sustainability Sciences

- Environmental Biology
- Ecology and Environmental Sciences
   Environmental Dynamics
   Rural Engineering

The Faculty of Life and Environmental Sciences established in 1995 and reorganized in 2018, currently consists of three departments: life sciences, agricultural and forest sciences, and environmental and sustainability sciences. On its property, this faculty also has the Education and Research Center for Biological Resources consisting of the marine biological science section, agricultural science section, and forest science section.

Our Faculty aims: (1) to understand the mechanism of biological and ecological systems, and develop new technologies related to biotechnology and food science, (2) to apply scientific results and technologies in agriculture, forestry and fishery, and (3) to contribute to local communities, environmental preservation, reclamation and sustainable production systems.

The undergraduate course offers a systematic



program consisting of a variety of lectures, laboratory and field work, and small-group instructions. The lectures cover liberal arts, languages, and specialized sciences. Laboratory and field work fosters problem-solving skills and increases students' understanding of the relevant lectures. The small-group classes improve mutual understanding between students and mentors, and facilitate the skill of students' presentation. Graduates of our faculty find work in private companies, government offices, or high schools, as teachers of science or agriculture. Students who would like to improve their skill can continue their research activities at the Graduate School of Natural Science and Technology.



https://www.life.shimane-u.ac.jp/

#### Department of Life Sciences

The Department of Life Sciences, launched in 2018 by integrating the former two departments relating to biology and life technology, has set a mission to foster human resources that are required for our creative society. Our new education and research programs aim to provide undergraduate students with fundamental knowledge in biology, ecology and life sciences, as well as skills applicable in the fields of drug design, food, medical and agricultural sciences. In the second year grade, the department will provide four courses to advance students' knowledge and skills in more specialized ways. "Cell Biology" and "Aquatic Biology and Biodiversity" courses offer biology and ecology-oriented curricula. Research areas are protozoan ecology and cell biology, symbiosis between protozoa and alga, plant physiology, biotechnology and molecular biology, systematic and evolutionary botany, behavioral and theoretical ecology, molecular physiology of sensory reception, developmental biology, evolutionary genetics, histology, hair biology and marine biology. "Biochemistry and Life Sciences" and "Food and Life Sciences" courses offer chemistry and biotechnolo-

gy-oriented curricula. Research areas include organic synthesis, molecular structure, nuclear magnetic resonance, gene manipulation, genetic information, tissue culture, molecular biology, cellular information, environmental biochemistry, informational molecules, microbial technology, and food science and nutrition.





https://www.life.shimane-u.ac.jp/gakubu\_annai/gaka\_annai\_ new/seimeikagaku.html

#### Department of Agricultural and Forest Sciences

Our department consists of the following four courses. Freshmen take introductory lectures, seminars, and practical training in all of the four courses from their second year. Through the classes on basic subjects, students are expected to learn fundamentals of the four courses and advance their specialized studies.

#### Crop and Livestock Production Course

This course focuses on developments in agricultural technology to produce high quality crops and livestock products. The course offers three optional specializations in (1)field crop science, (2)soil science and plant nutrition and (3)animal production science.

#### Horticulture and Plant Science Course

This course provides students with horticultural sciences and which consists of olericulture, floriculture, pomology, viticulture as well as postharvest physiology and technology with plant breeding, biotechnology, and physiology through the combination of lectures, seminars and field practices.



#### Agricultural Economics Course

This course offers a wide range of subjects such as farm management, marketing, and the development of rural communities. Students can also deal with practical solutions to address policy issues faced by rural communities and people.

#### Forestry Course

This course provides students with the integrated forest science, which consists of a variety of studies such as informatics, geoinformatics, remote sensing, policy, law, engineering, silviculture, planning, management and ecological sciences.

http://www.norin.shimane-u.ac.jp/

#### Department of Environmental and Sustainability Sciences

The philosophy of Department of Environmental and Sustainability Science is the establishment of a sustainable and harmonized society between the environment and human beings. In order to realise this idea, our department provides an attractive curriculum to learn and develop advanced knowledge of soil, water, animals and resources, and the advanced skills of its application. Students of our department are expected to become pioneers who can manage both nature and urbanization in a sustainable way.

For the further deepening of knowledge and skills of students, the department consists of the following four courses covering different but closely related areas: environmental biology, ecology and environmental sciences, environmental dynamics, and rural engineering. Students can learn theories, methodologies, and practical applications to important environmental and ecological issues from diversified standpoints.

Geographical areas where the Department conducts our

#### Education and Research Center for Biological Resources

Forests, agricultural land and marine areas construct a natural landscape for human life and supply diverse and rich biological products to us. The Education and Research Center for Biological Resources consists of three sections: Forest Science, Agricultural Science and Marine Biological Science.

Each section has experimental fields and facilities; two sites of experimental forests (Sanbe and Hikimi) for Forest Science, two sites of experimental farms (Honjo and Jinzai), and a marine center located at the Oki island (Do-go) for Marine Biological Science.

Each section provides typical educational lectures and experimental courses to students with the help of full-time faculty and technical staff. The center has a policy to contribute to science and social education from the view point that forests, agricultural land and marine are considered to be connected as an integrated system.

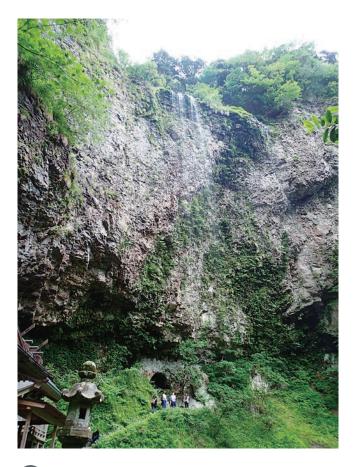
The center offers several lectures on the interface between human activities and natural environments, and also on the biological connections between forests, agricultural land and marine areas. The lectures/programs are open to students from every course. The center aims to contribute to our understanding of biodiversity, ecosystem and mechanisms of wild life through the experiences and activities in the field sites.



study are also diverse, which include the brackish lakes Lake Nakaumi and Lake Shinji, where unique ecosystems exist, the Hii River whose environment has been developed through complex interactions between nature and human activities, and forest and agricultural areas nearby. Each study area has its own problems, which can be effectively resolved with knowledge and skills developed and sophisticated in our department.



http://www.ess.shimane-u.ac.jp/





http://www.ipc.shimane-u.ac.jp/ercbr/index-english.html

# **Graduate Schools**

#### Graduate School of Humanities and Social Sciences

- Law and Politics
- Regional Economics
- Language and Culture
- Socio-cultural Studies

Although each department has its own educational goal, the graduate school as a whole also has a common goal: to cope with a highly information-oriented society. In order to achieve this goal effectively, the school offers systematically organized courses which can be interdisciplinary.

After a rigorous entrance process, graduate students choose one of the above four courses, taking into consideration their research interests and future career plans. The students then carry out individual studies under an academic adviser who instructs and guides them through their studies culminating into a thesis.



https://www.hobun.shimane-u.ac.jp/jinbun/

#### Graduate School of Education

Department of Professional School for Teacher Education

The Graduate School of Education aims to cultivate professionals who deal with contemporary educational problems in society, both at the global and local level, to solve problems together with people in local communities.

The Department of Professional School for Teacher Education aims to cultivate teachers with high qualities and abilities such as showing creativity at school, designing a class, and supporting pupils, which are essential for school leaders.



https://www.edu.shimane-u.ac.jp/daigakuin/

#### Graduate School of Medical Research

- Department of Medical Science
- Department of Nursing Science

At the Graduate School of Medical Research, we explore the theory and application of academia relevant to the fields of nursing and medicine. At the School of Medicine, we endeavor to cultivate in our researchers an abundance of knowledge and a high level of research competency that will enable them to conduct research independently. At the School of Nursing, our focus is on the development of nurses who have a broad perspective and a rich knowledge with a passion for human nature, coupled with a high level of expertise and research competency. It is our mission to contribute to the advancement of medicine and nursing studies and to the improvement of public welfare services.

#### Doctoral Course (Medical Science)

Through the Doctoral Course in Medical Science, students are expected to develop a high level of research competency, abundant knowledge, and the passion for human nature required to lead medical professionals in addition to the skills and expertise required of clinicians. Masters Course (Medical Science)

The purpose of this course is to educate bachelors of non-medical courses about medicine from the perspective of comprehensive and academic science. Our basic policy is to utilize the research and educational outcomes achieved at the university and in the community to benefit the education and training of our students.

#### Doctoral Course (Late Semester Course-Nursing)

The course objective is to develop educational researchers who will benefit an ageing society where people can lead enriching lives, by working towards the improvement of nursing care and by conducting high-standard creative research in nursing for the study of gerontology.

#### Doctoral Course (Early Semester-Nursing)

The course objective is to cultivate individuals with a rich sense of humanity coupled with a broad perspective and to possess excellent practical nursing skills, creative research capabilities, and the ability to carry out research in nursing studies from a scientific point of view.

https://www.med.shimane-u.ac.jp/english/graduate/

#### Graduate School of Natural Science and Technology (Master's degree course)

- Major in Science and Engineering
- Major in Science of Environmental Systems
- Major in Agricultural and Life Sciences

Graduate School of Natural Science and Technology, which was recently established in 2018, integrates the Interdisciplinary Graduate School of Science and Engineering and the Graduate School of Life and Environmental Sciences. It comprises three majors in which the graduates receive Master's degree: Science and Engineering, Science of Environmental Systems, Agricultural and Life Sciences. In addition, each major is connected with a department in the undergraduate school, which enables a continuous education from the undergraduate level.

The graduate school undertakes education and research in a wide range of academic fields including science, engineering and agriculture. The students will develop scientific knowledge, presentation skills, a global insight, and the ability to formulate new ideas. The graduates will become highly creative innovators, engineers, and researchers who will contribute to the development of science, technology and the creation of a sustainable society and whose comprehensive and interdisciplinary view points will be of benefit to those in the local community.

In the Science and Engineering Major, students acquire the basic knowledge mathematics, physics, and informatics.

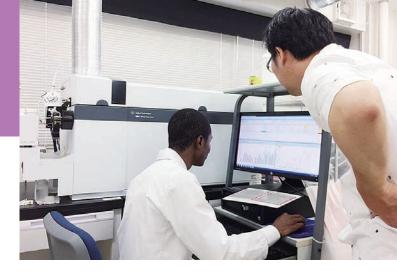
#### Graduate School of Natural Science and Technology (Doctoral degree course)

Major in Science and Engineering for Innovation

A new doctoral degree program in the Graduate School of Natural Science and Technology has recently been established as part of the restructuring of the Interdisciplinary Graduate School of Science and Engineering.

Our doctoral degree program promotes interdisciplinary education between research fields in order to develop researchers who can open up new fields with a broad perspective. Therefore, students can study in both biological and non-biological fields.

Our doctoral degree program is organized into two courses: the Science and Engineering course, and the Science of Natural Environment Systems course. The Science and Engineering course promotes research and education in mathematics, informatics, physics, materials engineering, mechanical engineering, and electrical and electronic engineering. The Science of Natural Environment



Based on this knowledge, they will contribute to the development of mathematical science, physics, information science, mechanical engineering, electrical and electronic engineering, and materials engineering as advanced engineers and researchers with an international viewpoint.

In the Science of Environmental Systems Major, students acquire the basic knowledge in earth science, environmental and sustainability sciences, chemistry, and architecture. Based on this knowledge, they will contribute to the creation of rich and environmentally friendly society as advanced engineers and researchers with practical skills, creativity, and an international viewpoint.

In the Agricultural and Life Sciences Major, students acquire the basic knowledge of agriculture and life sciences. Based on this knowledge, they will contribute to the development of life science and utilization of agricultural and forest products as advanced engineers and researchers with self-reliant problem solving abilities, rich humanity, and an international viewpoint.

https://www.natural.shimane-u.ac.jp

Systems course promotes research and education in a wide range of topics, from studying the earth itself to the lives which form in natural environment systems.

The doctoral degree program of the Graduate School of Natural Science and Technology offers three specialist programs. Firstly, the Materials Engineering Special Program, for students involved in the research of advanced materials in the Next Generation Tatara Co-Creation Centre of Shimane University. Secondly, the Collaborative Program of Medicine, Science, Engineering and Agriculture, for students with backgrounds in science, engineering, or agriculture, who have an interest in the medical applications of physics, chemistry, biology, mathematics, informatics, agriculture or various fields of engineering. And lastly, the Special Program in Earth Science and Geo-environmental Science, for students from Asia and the trans-Pacific, which provides vigorous leading-edge academic training in fields including geoscience, development and conservation of earth resources, solutions for environmental problems, prediction and prevention of natural disasters, and the sustainable long-term evolution of our society.

# SUSTAINABLE GALS

#### Sustainable Development Goals at Shimane University

Sustainable Development Goals (SDGs) are seventeen international goals that were adopted unanimously through 2030 at the United Nations Summit in September 2015. The goals are a call for action from governments, municipalities, and businesses. To deal with modern and future issues such as highly developed information, globalization, and community revitalization, Shimane University promotes research and education that integrates science and technology by utilizing its strengths as a comprehensive university. The SDGs perspective will be incorporated into the management of the university, and Shimane University will work together with local and international communities to contribute to the achievement of SDGs.

#### Introduction of SDGs Initiatives at Shimane University

1. Striving to Make Shimane a Global Leader in Advanced Metal Materials



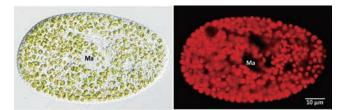
The Creation of a Global Base for Advanced Metals – Next Generation TATARA Project welcomed Professor Roger Reed. He is a world authority on super heat-resistant alloys at University of Oxford, and the director of the Next Generation Tatara Co-Creation Centre at Shimane University. For this project, research is being conducted utilizing strengths in the field of metals such as special steel that Shimane industries and academics have cultivated. By collaborating with industries, academia and government to promote cutting-edge research and highly skilled human resources, the university will endeavor to make Shimane the Global Leader in Advanced Metals that inspires younger generations.



#### 2. Elucidation of Intracellular Symbiosis with Paramecium Bursaria



Associate Prof. KODAMA Yuuki's laboratory at the Faculty of Life and Environmental Sciences at Shimane University is conducting research that is rare worldwide. It involves intracellular symbiotic research on *Paramecium bursaria and Chlorella*, which exist in nearby locations such as rice fields and reservoirs. This research also elucidates the formation of intracellular symbiosis and maintenance mechanisms as well as utilizing water purification action initiatives in collaboration with local companies.





#### 3. Nurturing a Global Mindset through Tanzania's Women Education Support Activities



Dr. NISHIZAKI Midori's laboratory at the Faculty of Human Sciences at Shimane University, in collaboration with the National Institute of Technology, Matsue College, invite secondary school teachers and the director from local NGOs and conduct lectures and training as support for Tanzanian Maasai women. This project raises issues facing the Maasai, such as environment, economy and health. Through providing support for the promotion of women's career development and educational opportunities, this project and the university will continue to enhance students' interest in African issues, and have them contemplate ways to coexist with diverse groups of people.



#### 4. Active Promotion of Diversity



In June 2019, Shimane University announced the Shimane University Diversity Promotion Declaration to support the creation of an environment with the perspective of actively dealing with diversity issues such as gender discrimination, nationality, beliefs, culture and age. Furthermore, during the 2019 fiscal year, the university adopted the Grant-Aided Project on Human Resources Development in Science and Technology's Initiative for Realizing Diversity in the Research Environment (Collaboration Type). Shimane University established the SAN'IN Diversity Promotion Network Conference in collaboration with Shimane Prefectural University, National Institute of Technology, Matsue College, and National Institute of Technology, Yonago College. Through this conference, the university disseminates information among local stakeholders and promotes initiatives that integrate the local community.





## **University Library**

#### Main Library in Matsue and Medical Library in Izumo

Shimane University Library, holding approximately 980,000 books, serves as the center of study, research, and various other academic activities.

Its enriched digital library function, such as "Shimane University Libraries Electronic Resources" provides easy access to 7,000 titles of multilingual online journals and a wide variety of databases on a 24-hour basis.

Information literacy education is promoted by holding seminars and developing the library website for the efficient use of an increasing number of digital materials.

The library also puts its focus on local historic materials by preserving and providing them in a digital archive. Exhibitions and lectures are regularly held and several books have been issued by the library as achievements of these activities. As for other features, student supporters called "Library Concierge" have been engaged in library service at the Main Library for years, and the Medical Library is promoting regional library cooperation to support regional medical service by connecting 22 local medical libraries and hospital reference libraries.



Main Library (Matsue)



Medical Library (Izumo)

https://www.lib.shimane-u.ac.jp

## **Shimane University Hospital**

#### Harmonizing Regional Health Care and Advanced Compensated Medical Care

The only university hospital in the prefecture, we promote the cultivation of medical professionals, the provision of advanced medical care, and the conduct of clinical research. Especially being a hub hospital for cancer patients, we carry out highly-advanced cancer treatments. In the evaluation of hospital facility functions, we have been awarded the ISO14001, ISO9001 certifications and have received ISO15189 accreditation. Also, since being designated a mother-and-child treatment facility for Shimane in September 2015, we have been engaged in the provision of highly-specialized perinatal medical care and the development of human resources through collaboration with perinatal treatment facilities in the prefecture. Furthermore, in July of 2017, the Advanced Trauma Center, equipped with a hybrid ER, was established and began operating. We endeavor to improve the safety and security of people in the community and increase the survival rate.



https://www.med.shimane-u.ac.jp/hospital/

## **Research Institutes**



#### International Joint Research Institute of Shimane University and Ningxia University

The International Joint Research Institute of Shimane University and Ningxia University was established in 2004 to strengthen their academic relationship which dates back to 1987, and is located in Ningxia. The main objectives of the institute is to promote an interdisciplinary joint research on social and natural sciences, and to develop an academic network for studying western China with cooperating universities in China.

http://www.ningxia.shimane-u.ac.jp/index.html

#### Estuary Research Center (EsReC)

The Estuary Research Center (EsReC) is the only research center in Japan devoted to the study of estuaries and brackish waters and is promoting basic and applied sciences on estuaries and coasts including their watersheds towards sustainable estuaries. EsReC was founded in 1992 as the Research Center for Coastal Lagoon Environments (ReCCLE) and renamed in 2017.



https://www.esrec.shimane-u.ac.jp/eng/



#### Office for Regional Collaboration and Innovation

The Office for Regional Collaboration and Innovation, newly established in April, 2018, consists of the following four divisions: Division of Regional Education, Division of Industrial and Academic Collaboration, Division of Intellectual Property Revitalization, and Division of Regional Collaborative Medical Research. The Office aims at contributing to the local community by promoting industrial technology, industrial and academic collaboration, and by supporting regional education and research.

https://www.reg-collab.shimane-u.ac.jp/

#### **Next Generation Tatara Co-Creation Centre**

Tatara steel in Shimane has a history spanning over a thousand years. Taking advantage of both old and new advanced tatara technology, the center was established as a new R&D laboratory for the world's leading-edge metal materials. Professor Roger Reed of University of Oxford was invited to act as director. Students and researchers have the opportunity to attend one of the world's highest-level classes and learn about cutting-edge research in Shimane.



https://tatara.shimane-u.ac.jp/

## **Centers and Organizations**

#### **Center for International Exchanges**

As the base of all international exchange activities at Shimane University, the center strategically promotes expanding networks with foreign academic institutions, providing students and researchers with more opportunities to study abroad and supports foreign students and researchers visiting Shimane University.



https://kokusai.shimane-u.ac.jp



#### **Center for Foreign Language Education**

The Center for Foreign Language Education provides students with the opportunity to study Japanese, English, and other foreign languages such as German, French, Chinese, and Korean. In addition, students can utilize resource books, DVDs, and other learning tools as well as ask teachers and staff questions at the Workstation.

https://cfle.shimane-u.ac.jp

#### **Health Service Center**

The Health Service Center takes care of the physical and mental welfare of both students and faculty members. We support your daily life in addition to helping when you are injured or sick. Please feel free to visit our center when you need our help. Mon.-Fri.8:30 AM-6:00 PM, Tel:0852-32-6568

http://health.shimane-u.net/(Japanease)





#### **Student Support Center**

The Student Support Center supports the lives of all students on campus. We are always ready to put well organized resources into practical use.

The center also provides consultation for finding employment.

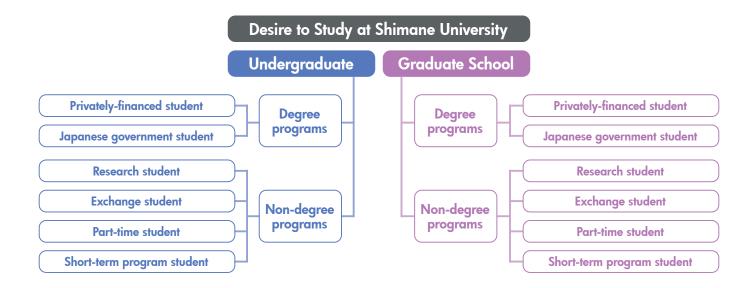
http://gakushien.shimane-u.ac.jp/

#### Education and Research Center for Mathematical and Data Science

Mathematics and data science is required in a society drastically transformed by advanced technologies such as Artificial Intelligence and the Internet of Things. The center educates human resources who can conduct evidence-based decision making and value creation by promoting education and research for fostering literacy related to data science. This pertains to all students, regardless of whether they study humanities or science.



https://www.ds.shimane-u.ac.jp/



#### Admission Schedule for Degree-seeking Students

#### **Undergraduate Students**

Faculty Enrollment Applicat	Enrollment Applicati	Application	Application Special Exam	Screening	Availability of	Medium of
	P.P	for Intl. students		Admission Overseas	Instruction	
Law and Literature Mail : epd-nnyushi@office.shimane-u.ac.jp	Apr.	Dec.	Available	0	O EJU *Take exams in Japanese	Japanese
Science and Engineering Mail : epd-nnyushi@office.shimane-u.ac.jp	Apr.	Dec.	Available	0	O EJU *Take exams in Japanese	Japanese
Life and Environmental Science Mail : epd-nnyushi@office.shimane-u.ac.jp	Apr.	Dec.	Available	0	O EJU *Take exams in Japanese	Japanese

Note) The schedule listed here is based on admission information for 2020. Check the admission information on the SU website.

#### Bilingual course of the Interdisciplinary Faculty of Science and Engineering

This course aims to recruit more students from overseas to promote the globalization of education. Freshmen and sophomores can take classes taught in English and concentrated on Japanese language training. Juniors and seniors can take lectures and seminars in Japanese. This course provides students with an opportunity to develop their academic disciplines and Japanese language ability enough to work for companies in Japan.

https://www.riko.shimane-u.ac.jp/eng/bilingual.html

#### **Graduate School Students**

				Special		Screening			Availability of
Graduate school Degree Enrollment Applica		Application		Documents	Written Exams	Interview	Screening Period	Admission Over- seas	
Humanities and Social Sciences Mail : sad-nyushi01@office.shimane-u.ac.jp			nformation at .ac.jp/nyushi/i					?node_id=9511	#jinnbun
Education Mail : sad-nyushi02@office.shimane-u.ac.jp			nformation at .ac.jp/nyushi/i					node_id=9511	#kyouiku
Medical Research Mail : msa-daigakuin@office.shimane-u.ac.jp	Master's Doctorate	Apr.	Aug. / Dec.	_	0	0	0	Oct. / Feb.	
Natural Science and Technology Mail : ns-nyushi@office.shimane-u.ac.jp	Master's Doctorate	Apr. / Oct.	July / Jan.	Available	0	depends on course	depends on course	Aug. / July	depends on course
Special Program for International Stu- dents URL:*1	Master's	Apr. / Oct.	Nov / June	Available	0	_	0	Dec. / July	

URL:\*1 https://www.shimane-u.ac.jp/nyushi/information/application/international\_ student.html?node\_id=18870

#### Non degree-seeking Students

#### **Research Student**

Undergraduate or graduate level students who wish to engage in research activities at Shimane University for a period of more than one month to one year. No credits are given. Enrollment April / October

#### **Part-time Student**

Undergraduate or graduate level students who wish to attend lectures to obtain credits for two or less semesters. Enrollment April / October

#### **Exchange Student**

Students from foreign universities that have an exchange agreement with Shimane University are eligible to apply. They will be enrolled as "special auditing students" at both undergraduate and graduate levels or as "special research students" at the graduate level.

#### Short-term Programs

- •Teacher training students (Japanese government (MEXT) scholarship students)
- ·Japanese studies students (Japanese government (MEXT) scholarship students)

#### Admission schedule for non degree-seeking Students

Student category	Level Enrollment Ar		Application	Screening	Availability of Admission	Medium of	
Siddeni Calegory	Levei	LINOIMENT	Application	Documents	Overseas	Instruction	
Research student	Undergraduate / Graduate	Apr. / Oct.	Feb. / Aug. *Dec. / Jun. for applicants from abroad	0	0	Japanese / English	
Part-time Student	Undergraduate / Graduate	Apr. / Oct.	Feb. / Aug. *Dec. / Jun. for applicants from abroad	0	0	Japanese / English	

\*Make sure to contact your host professor prior to application

#### **Other Programs**

Student Category	Level	Enrollment	Availability of Ad- mission Overseas	Medium of Instruction
Exchange student Enquire at International Office of your home university.	Undergraduate / Graduate	Apr. / Oct.	0	Japanese / English
Teacher training student Enquire at your nearest Japan Embassy/Consulate in your home country.	Graduate	Apr.	0	Japanese / English
Japanese studies student [Embassy Recommendation] (Application through Japanese Embassies) Enquire at your nearest Japan Embassy/Consulate in your home country [University Recommendation] (Application through Shimane University) Enquire at International Office of your home university	Undergraduate	Oct.	0	Japanese / English
ABE Initiative Enquire to JICA. URL : https://www.jica.go.jp/southafrica/english/office/others/abe.html	Graduate	Oct.	0	Japanese / English
PEACE Enquire to JICA. URL : https://www.jica.go.jp/project/english/afghanistan/006/index.html	Graduate	Oct.	0	Japanese / English

Guide for International Students

## **Tuition and Fees**

The entrance examination fee, the admission fee, and tuition are shown in the table below.

Fees for 2020 Academic Year (to be fixed every year)

Types of Student	Entrance Examination	Admission	Tuition
Undergraduate	17,000 yen	282,000 yen	535,800 yen (1 year)
Graduate	30,000 yen	282,000 yen	535,800 yen (1 year)
Part-time	9,800 yen	28,200 yen	14,800 yen (1 credit)
Research	9,800 yen	84,600 yen	29,700 yen (1 month)

#### **Tuition Exemption**

Students on Japanese Government Scholarships do not have to pay these fees. Special Auditing Students whose home university has a mutual agreement for tuition and fees waiver with Shimane University do not have to pay either. Graduate students who are unable to bear the tuition and those who have achieved an excellent academic record can be exempt from paying tuition in full or partially.

## **Scholarships**

- 1. Monbukagakusho (Japanese Government:MEXT): local selection
- Gakushu Shoreihi (Monbukagakusho Honors Scholarship for privately-financed international students) Monbukagakusho (Japanese Government)

## **Housing Information**

#### 1. International House Matsue

International House Matsue provides international students and researchers with accommodation and facilities to encourage international communication in education and research. It has 28 apartments for single students and researchers; each consists of a single room without a private bathroom. Shower rooms and small kitchens are equipped on the first and second floors; a lounge and a laundry area are equipped on the first floor. Two larger apartments are



- Shimane International Center Scholarship: There are many private scholarships for international students. Please ask the International Exchange Division for details.
- 4. Scholarship for Promoting Employment in Local Industries

available for married couples. Each apartment has a bedroom, a living room, a bathroom, and a kitchen.

Turne of Booma		or Students	For Researchers		
Type of Rooms	Number	Rent (per month)	Number	Rent (per month)	
Single Room	26	5,900 yen	2	8,250 yen	
Married couple	1	9,500 yen	1	13,110 yen	

https://kokusai.shimane-u.ac.jp/kaigairyugakusei/english/





#### 2. Student Dormitory

The student dormitory is a 10-minute walk from Matsue campus. All rooms are equipped with a bed, desk, chair, closet, air conditioner, interconnections for a TV and internet. In Buildings A and C, a bathroom and kitchen are included and

Type of Building	Number (out of )		Common fee (per month)	Deposit (subject to change)
Building A (single room)	5 (168)	24,000 yen	1,000 yen	19,250 yen
Building B (single room)	30 ( 91)	4,000 yen	2,500 yen	13,200 yen
Building C (single room)	10 (59)	16,000 yen	1,000 yen	19,250 yen

#### 3. International House Izumo

International House Izumo is located right on campus. Eight apartments are available for single students. These apartments consist of single rooms with a kitchen and prefabricated bath. Three apartments for married couples consist of a bedroom, a living room, a bathroom and a kitchen. Six larger

Type of Rooms	Number	For Students	For Researchers
Type of Rooms	Number	Rent (per month)	Rent (per month)
Single	8	5,900 yen	8,850 yen
Married couple	3	11,900 yen	21,690 yen
Family	6	14,200 yen	34,500 yen

#### 4. International House Izumo, Tenjin branch

International House Izumo, Tenjin branch is located 2km from campus. Twenty four apartments for families each have three bedrooms, a living room, a bathroom, and a kitchen. you can also put a refrigerator and a washing machine in the room. Residents in Building B can use the common kitchens and laundry rooms.



apartments for families have three bedrooms, a living room, a bathroom and a kitchen.



International House Izumo

Turno of Boomo	Number	For Students	For Researchers
Type of Rooms	Number	Rent (per month)	Rent (per month)
Tenjin branch, Family	24	14,200 yen	18,930 yen

## Japanese Language and Japanese Culture Studies

We offer elementary, intermediate and advanced level Japanese Language courses and Japanese Culture Studies courses for international students. The elementary courses require a JLPT N5 level of proficiency or higher. The content of the Japanese classes are as follows: composition, reading, listening, speaking, vocabulary, and grammar. These classes are officially recognized and provide academic credits upon completion. Also, there are a variety of non-accredited courses available for all international students.

## **Career Support**

Job hunting support for international students is carried out collaboratively by the Career Section of the Higher Education Center and the Center for International Exchanges. Job hunting counseling and guidance sessions specifically for

#### The Japanese Studies Program

We offer a Japanese Studies Program for Japanese Language and Japanese Culture Studies students receiving a Monbukagakusho Scholarship.

https://cfle.shimane-u.ac.jp/english/

international students are held regularly once a month, so please drop by and make use of this resource. We dutifully address each individual's needs throughout the job hunting process.

# Academic Calendar

#### April

First Semester begins Spring Entrance Ceremony, Orientation

#### July

Final Exams

#### August

Summer Vacation

#### September

Intensive Seminars Summer Vacation ends First Semester ends Field Trip for International Students

#### October

Second Semester begins Autumn Entrance Ceremony, Orientation University Festival

#### December

Shimane University International Party Winter Vacation

#### January

Winter Vacation ends Classes resume

#### February

Final Exams Ski Trip for International Students Spring Vacation

#### March

Graduation Ceremony Second Semester ends Spring Vacation ends



# Voice of International Students

#### Thanks a million to Shimane University

Five years have passed since I came to Japan. At Shimane University, I belong to the laboratory of Cultural Exchange Theory and I study culture on a broad spectrum. Especially since I enrolled in this university, with the support of teachers and the International Exchange Division, I have had many opportunities to experience things outside of the classroom environment. For example, I tried Ikebana (the Japanese art of flower arrangement), presented on my home country's culture and participated in activities for Non-Profit Organizations. I was able to simultaneously study and participate in social activities and have an enjoyable campus life here at Shimane University.

As I began to learn more about Japanese society outside of my studies, I decided to start job hunting in Japan. I seriously started job hunting during spring break of my third year, yet since the time I was a first year undergraduate, I attended job hunting seminars for international students held by Shimane University, participated in internships at companies in Shimane Prefecture and had exchanges with the Japanese companies and business people. I have deepened my under-

#### standing about Japanese business culture and job hunting system through these experiences. As I began my search in earnest, faculty and staff members assisted me with writing resumes and gave me advice on other matters related to seeking employment. I am grateful to all the faculty and staff members at Shimane University.



Do Thi Hue Faculty of Law and Literature

#### The secret garden – Shimane University

I came to Japan six years ago as an exchange student and studied at Shimane University's Faculty of Medicine. After one year of study, I published my dissertation and successfully received a national scholarship from my home country in 2015. By that time, I was enchanted with the diverse research topics and free communicative atmosphere of this university.



After graduating from my master's course in my home country, my wife and I were determined to come to Shimane University to enroll in a Ph.D. course and continue our research life. Time flies and three years have passed. When I reflect on my life here, I find that it was so fruitful and unforgettable. Owing to my professor's excellent research project, I published over seven papers in the last three years. Thanks to Shimane University's recommendation, I received three scholarships, which covered most of my living expenses from 2018 to 2021. I am very appreciative of my wife that we had a lovely and healthy boy in 2019. These examples are not merely numbers, yet behind each of them is a vividly memorable episode of a story in my mind.

Due to the peaceful environment here, you can enlighten yourself and not be perturbed by the complicated world outside. Due to the elegant landscape, you can touch true nature, rather than the cold rebar and concrete world. Due to the hospitable citizens, you can really experience a diverse and distinct culture, and not just watch it on TV. Due to the free communicative atmosphere, you can discuss any research idea with anyone, and not sit alone in front of a silly computer.

I have enjoyed every single day I have spent at this university; secluded and tranquil places like here are certainly few and far between in this world. Staying here and experiencing a pure life and study is the best thing that everyone deserves to try.

BAI YUNPENG Graduate School of Medical Research

# International Exchanges

International Partnerships (Countries and Regions)

## Asia

#### BANGLADESH

University Level Agreement University of Dhaka Faculty of Life and Environmental Sciences Faculty of Agriculture, Bangladesh Agricultural University Horticulture Research Centre, Bangladesh Agricultural Research Institute

#### CHINA

**University Level Agreement** Northeast Forestry University Nanjing Forestry University China Agricultural University Ningxia University Beijing Forestry University Jilin University Hebei Normal University Dalian University Ningxia Medical University Beijing Normal University Renmin University of China, School of Economics Shandong University Zhejiang University, College of Education Northeast Normal University Beijing University of Agriculture Minnan Normal University Northwest A&F University University of Science and Technology Beijing Chang'an University China Three Gorges University Shantou University

Faculty of Medicine / University Hospital General Hospital of Ningxia Medical University Peking University Health Science Center Interdisciplinary Faculty of Science and Engineering School of Mathematical Sciences, Dalian University of Techonology Project Center for Historical and Cultural Studies in Eastern Asia and Pacific Area

Department of History, Peking University

Estuary Research Center Division of Lake Sediment and Environmental Evolution, Nanjing Institute of Geography & Limnology, Chinese Academy of Science State Key Laboratory of Estuarine and Coastal Research, East China Normal University

#### INDIA

**University Level Agreement** Indian Institute of Science Banaras Hindu University Cochin University of Science and Technology Rajagiri School of Engineering & Technology SCMS Indian Institute of Technology Hyderabad Faculty of Medicine / University Hospital Rajagiri Hospital The Nanotechnology Project Center, Center for the Promotion of Project Research

The Laser Spectroscopy Group, Indian Institute of Science

#### INDONESIA

University Level Agreement Andalas University Hasanuddin University Faculty of Medicine / University Hospital Faculty of Medicine, University of Muslim Indonesia Faculty of Life and Environmental Sciences Indonesian Center for Agricultural Land Resources Research and Development

#### **KAZAKHSTAN**

**University Level Agreement** Semey State Medical University Karaganda State Medical University

#### MONGOLIA

**University Level Agreement** Mongolian University of Science and Technology Mongolian National University of Medical Sciences

#### KOREA

University Level Agreement Busan National University of Education Gyeongsang National University Kyungpook National University Jeonbuk National University Pukyong National University Sejong University Kwangwoon University Hankuk University of Foreign Studies Yeungnam University Faculty of Education ENUE Elementary School, Busan National University of Education

Faculty of Medicine / University Hospital Gyeongsang National University, College of Medicine and School of Medicine Interdisciplinary Faculty of Science and Engineering College of Natural Sciences, Pusan National University College of Engineering, Pusan National University **Estuary Research Center** 

Geo-Environmental Hazards & Quaternary Geology Research Center, Korea Institute of Geoscience and Mineral Resources

#### MYANMAR

**University Level Agreement** Pathein University

#### NEPAL

University Level Agreement Tribhuvan University

#### SRI LANKA

University Level Agreement University of Peradeniya Interdisciplinary Faculty of Science and Engineering Faculty of Applied Science, Rajarata University of Science

#### THAILAND

University Level Agreement Mahidol University, Faculty of Medicine Siriraj Hospital Khon Kaen University Thammasat University King Mongkut's University of Technology Thonburi Chiang Mai University Rajamangala University of Technology Srivijaya Naresuan University Faculty of Medicine, / University Hospital Faculty of Medicine, Thammasat University Thammasat University Hospital Prince of Songkla University, Faculty of Medicine Faculty of Life and Environmental Sciences Faculty of Science and Technology, Thammasat University Other Aareement Princess Chulabhorn's College, Pathumthani Hanamaru Japanese Language School

#### VIETNAM

University Level Agreement Hanoi Medical University Hue University of Agriculture and Forestry Vietnam National University of Agriculture

#### TAIWAN

University Level Agreement Kainan University Tunghai University University of Taipei National Ilan University The Nanotechnology Project Center, Center for the Promotion of Project

Research The Center for Interdisciplinary Science, National Chao Tung University

Raman Project Center for Medical and Biological Applications Department of Life Science, National Taiwan Normal University National Taiwan University Molecular Imaging Center

## Europe

#### FRANCE

University Level Agreement Jean Moulin-Lyon 3 University The University of Orleans

GERMANY University Level Agreement University of Trier

ICELAND University Level Agreement University of Iceland

IRELAND University Level Agreement Waterford Institute of Technology

ITALY University Level Agreement The University of Florence

#### POLAND

Raman Project Center for Medical and Biological Applications Jagiellonian Centre for Experimental Therapeutics of Jagiellonian University

RUSSIA Other Agreement A.Tsyb Medical Radiology Research Center

#### **SWEDEN**

University Level Agreement Linköping University Center for Community-Based Healthcare Research and Education The Center for Primary Health Care Research, Lund University

#### U.K.

University Level Agreement University of Exeter

#### UKRAINE

Faculty of Medicine / University Hospital Institute of Pediatrics and Gynecology NAMS of Ukraine

## **Middle East**

TURKEY University Level Agreement Cukurova University

## **North America**

CANADA

University Level Agreement Nipissing University

#### U.S.A.

University Level Agreement Kent State University University of California, Davis University of Arkansas University of Colorado, Denver, School of Medicine The University of Arizona The University of Texas at Tyler University of Florida Faculty of Medicine / University Hospital School of Medicine, University of Washington Faculty of Life and Environmental Sciences The College / School of Agricultural and Environmental Sciences, The University of California, Davis

## Africa

ETHIOPIA University Level Agreement Hawassa University

## Oceania

#### NEW ZEALAND

University Level Agreement Waikato Institute of Technology

As of Mar. 31, 2020

The latest list of our International Partnerships is at https://kokusai.shimane-u.ac.jp/english/about/agreement.html

## Access to Shimane University



## **Transportation**

Matsue Campus	*
AIRPLANE FukuokaTokyo (Haneda) Fukuoka→Izumo 1h 25m →Fukuoka→Izumo 1h 5m →Osaka (Itami) Tokyo (Haneda)→Izumo 55m →Tokyo (Haneda)→Yonago 1h 20m	
Shuttle bus from airport to Matsue StationIzumo Airport→ JR Matsue stationYonago Airport→ JR Matsue station	
TRAIN         Tokyo       - Okayama - Matsue 6h 10m         Fukuoka - Okayama - Matsue 4h 30m         Osaka       - Okayama - Matsue 3h 40m	4
Transportation from JR Matsue Station to Matsue campusBy local bus→ Matsue campusBy taxi→ Matsue campus10m	

	Izumo Campus
AIRPLANE	Tokyo (Haneda) $\rightarrow$ Izumo1h 25mFukuoka $\rightarrow$ Izumo1h 5mOsaka (Itami) $\rightarrow$ Izumo55m
	rom airport to Izumoshi Station → JR Izumoshi station
·	
TRAIN	Tokyo - Okayama - Izumoshi 6h 40m Fukuoka - Okayama - Izumoshi 5h Osaka - Okayama - Izumoshi 4h 10m

Transportation from JR Izumoshi Station to Izumo campus		
By local bus	$\rightarrow$	Izumo campus 10m
By taxi	$\rightarrow$	Izumo campus 10m

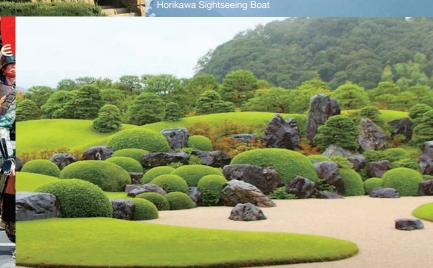


Lake Shinii





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**National Shimane University** 

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Center for International Exchanges URL:http://kokusai.shimane-u.ac.jp/english/

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