



Shimane University

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International Center

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

Shimane University

Welcome to **Shimane University!**



Shimane University was established as a national university in 1949, has continued to expand, and currently consists of 7 faculties and 4 graduate schools, well-balanced across the natural sciences, and humanities and social sciences, in Matsue and Izumo Campuses with approximately 6000 students. Matsue Campus is home to 6 undergraduate Faculties: 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 Sciences, the Faculty of Materials for Energy which was established in 2023, and 3 graduated schools: the Graduate School of Human and Social Sciences, the Graduate School of Education, and the Graduate School of Natural Science and Technology. Izumo Campus comprises of the Faculty of Medicine and the Graduate School of Medical Research.

Although located in a rural area, our world-leading research activities and facilities in various fields, as well as our attentive and personalized education, are described in detail in the following pages.

In addition to the advanced research-based education, Matsue and Izumo offer many advantages of studying in Japan in particular. They are blessed with a rich and healthy environment for the body and mind: abundant nature near both the sea and mountains, including Lake Shinji —one of the top 100 sunset spots in Japan - clean water, and delicious, fresh food.

Matsue and Izumo have a special history and culture that is unique among the regions of Japan. Many of Japan's myths were born here, and the area is referred to as the home of the gods. Izumo City is home to the national treasure Izumo-taisha Shrine, and the month of October in the lunar calendar is called kanna-zuki, month without gods, in Japan, but only in Izumo is it called kami-ari-zuki, month with gods, because the gods of the whole country are said to gather here.

Matsue City is home to Matsue Castle, a national treasure, and the culture of tea ceremony and wagashi (Japanese confectionery) encouraged by the former lord of the castle remains one of Japan's most renowned. Lafcadio Hearn, an Irish Greek, is known for his books such as "Ghost Stories" and "A Living God" which introduced the word "tsunami" to the world. Although he stayed in Matsue only for a short period, his deep understanding and love for Matsue and Izumo is fully expressed in his book "Glimpses of Unfamiliar Japan". Away from the hustle and bustle of big cities, you can calmly concentrate on your studies while feeling the good old Japan that Hearn loved, which is a great advantage of studying at Shimane University in Japan.

The world is currently facing a serious sustainability crisis, and it has become evident that the activities of humankind are among the significant reasons for this crisis. In the midst of difficult situations in each country and around the world, we need to work together to find solutions for the future sustainability of our planet, including the Sustainable Development Goals (SDGs), for you and your descendants. Shimane University is a national university with a good balance of humanities and sciences, located in Shimane Prefecture, which faces advanced regional challenges in Japan-a country dealing with global issues such as declining birthrates, an aging population, and increasing disasters due to global warming.

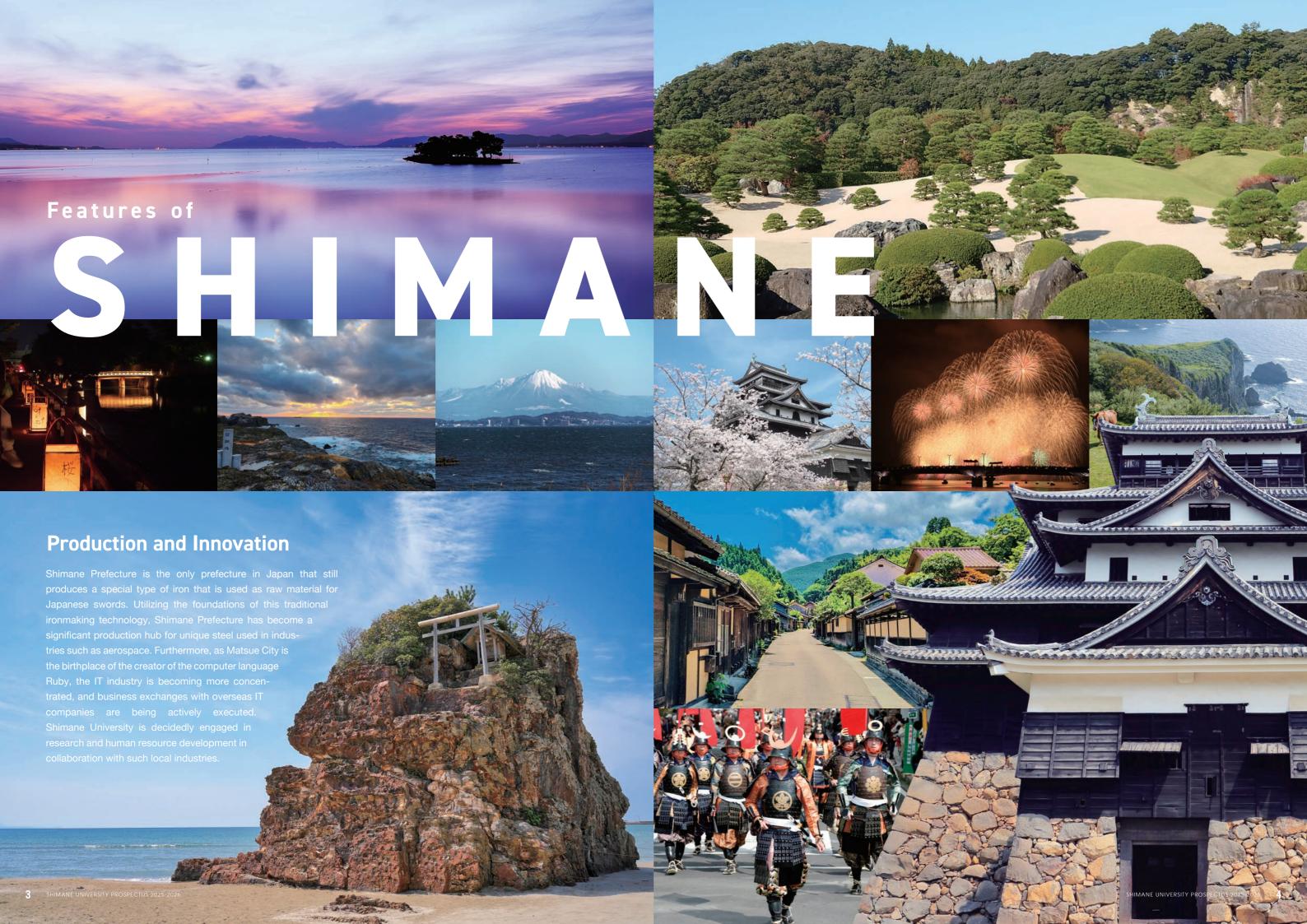
Currently, we have more than 250 international students from more than 25 countries, and they are working hard to master their specialized fields, wishing to realize SDGs in their home countries. We sincerely wish you join us and hope that international students, Japanese students, and faculty members will work together to find solutions by discussing and learning together across national borders, while enjoying a healthy and culturally rich life at Shimane University.

President of Shimane University

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International Exchanges

The latest list of our international partnerships can be found at https://kokusai.shimane-u.ac.jp/ english/about/agreement.html

International Partnerships (Countries and Regions)

Asia

| BANGLADESH1 |
|-------------|
| CHINA25 |
| INDIA 7 |
| INDONESIA3 |
| KOREA 11 |
| MONGOLIA2 |
| NEPAL 1 |
| SRI LANKA 1 |
| TAIWAN 5 |
| THAILAND 11 |
| VIETNAM 1 |
| |

| Ει | ır | op | e |
|----|----|----|---|
| Ει | ır | op | e |

| FRANCE2 |
|---------------|
| GERMANY 1 |
| GREEK1 |
| HUNGARY 1 |
| ICELAND 1 |
| IRELAND 1 |
| ITALY 2 |
| KAZAKHSTAN1 |
| POLAND2 |
| SWEDEN2 |
| SWITZERLAND 1 |
| |

North America

| CANADA1 |
|---------------|
| U.S.A7 |
| |
| South America |
| BRAZIL1 |
| |
| Africa |
| ETHIOPIA1 |
| |
| Oceania |
| NEW ZEALAND1 |

Number of Enrolled International Students

Europe • France ---- 3 • Poland -----1 Middle East ·Azerbaijan ----- 1

Africa

Benin

 Kenya • Liberia ----- 1

· Nigeria --- 1

• Zambia ---- 1

 China • India Korea Malaysia Mongolia · Nepal Pakistan

· Afghanistan ----- 1 Bangladesh ---- 66 Cambodia

Indonesia

 Myanmar • Philippines

• Sri Lanka • Taiwan Thailand

• Viet Nam

North America

· Guatemala ----- 1 Mexico

· USA

South America • Brazil ·

· Colombia ----- 1

Organization

Undergraduate Schools

- Faculty of Law and Literature
- Faculty of Education
- Faculty of Human Sciences
- Faculty of Medicine

Students

- Interdisciplinary Faculty of Science and **Engineering**
- Faculty of Materials for Energy
- Faculty of Life and Environmental **Sciences**

International **Students**

Graduate Schools

- Graduate School of Human and Social **Sciences**
- Graduate School of Education
- Graduate School of Medical Research
- Graduate School of Natural Science and **Technology**

Number of International **Students**

Total Number of **Students**

Number of international students excludes non degree-seeking students and students from the United Graduate School of Agricultural Sciences, Tottori University



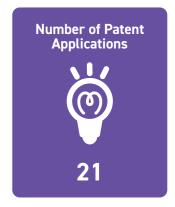














Law and Literature



Faculty of Law and Literature is the only faculty that offers comprehensive humanities in the San'in region, covering a wide range of fields in humanities and social sciences, consisting of three departments: Department of Law and Economics, Department of Socio-cultural Studies, and Department of Language and Culture. The San'in region, where this Faculty is located, has a rich history and tradition stretching to ancient Izumo; however, located in a vast mountainous region, it faces various problems associated with depopulation and aging. In addition to academically confronting the culture and challenges of such regional communities, our aim is to develop each student into a person with creative and practical skills who can play an active role in various aspects of modern society based on these themes.





Department of Law and Economics

- Law Course
- Economics Course
- Judicial Special Course

In the Department of Law and Economics, students will learn about the changing modern society from both the legal and economic perspectives. They will gain the knowledge and learn to apply it, and develop analytical, policy-making, and problem-solving skills.

Students learn the basics of law and economics in the first and second years of study and are free to choose their courses in their third year. The Law Course focuses on the law, while the Economics Course is focused on economics. The Judicial Special Course is designed for students aspiring to enter law school or pursue a legal career.





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



Department of Socio-Cultural Studies

- Contemporary Society Course
- History and Archaeology Course

The Department of Socio-cultural Studies emphasizes systematic and experiential learning.

In the Contemporary Society Course, students will learn to think about and explain issues related to the global society as seen from the local society, the living environment, folklore, traditions, and culture from the perspectives of sociology, geography, and cultural anthropology.

The History and Archaeology Course consists of two fields: in History, students will learn about Japanese History, Asian History, Western History, and Contemporary History. In Archaeology, students will study East Asia. They will develop a broad understanding of theory and field research.





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



Department of Language and Culture

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

In the Department of Language and Culture, students will learn various Eastern and Western languages. In Japanese Language and Culture Studies and Chinese Language and Culture Studies, students will learn about literature from ancient times to the present day, as well as the ideas and cultures behind it. In English Language and Culture Studies, German Language and Culture Studies, and French Language and Culture Studies, students will study literary works, culture, and ideas of the specific language and its culture, and acquire skills in language use. In Philosophy, Art, and Cultural Relations Studies, stu-



dents will learn cultural activities and communication to gain perspectives and skills for cultural understanding.



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





Education



Fostering Professional Teachers Through Practical Experience

The Faculty of Education at Shimane University is the only department in the San'in Region exclusively dedicated to teacher education. As pioneers of 21st-century educational reform, we actively take initiative in solving diverse educational challenges within our local communities. Our mission is to foster professional teachers with deep expertise, a strong passion for teaching, and the ability to solve practical school problems.

Curriculum and Research Highlights

Our teacher training program emphasizes hands-on learning through the 1,000-Hour Experiential Program, alongside academic coursework to develop foundational scholastic abilities. Prospective teachers must gain practical experience to critically compare and integrate it with the educational theories learned in class.



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



1,000-Hour Experiential Program

It is difficult to learn how teachers work with students and parents simply by studying textbooks. Our 1,000-Hour Experiential Program provides immersive, real-world experiences where students interact directly with children and community members. The program consists of two key components: the "Basic Experiential Program," which engages students in direct contact with children in a variety of settings, and the "Practical Education Program," which offers students opportunities to practice teaching at school from their freshman to senior years and build fundamental skills in clinical psychology, including counseling.



The Center for Research on Teacher Education

This center manages the teacher training curriculum for students in departments other than education and supports their practice teaching and care work experience. It also provides information on teacher recruitment examinations and organizes seminars targeted at prospective and in-service teachers.



The Center for Educational Support

This center is responsible for planning, operating, and managing the 1000-Hour Experiential program, and it supports various experiential learning programs. It also organizes various seminars and provides opportunities to encourage exploration into the teaching profession.

Center for Faculty Development Strategies

This center is responsible for advancing the Faculty of Education through systematic review, evaluation, and enhancement of its academic programs. It aims to improve all educational offerings and unique initiatives within the faculty, using diverse data to support evidence-based educational development.

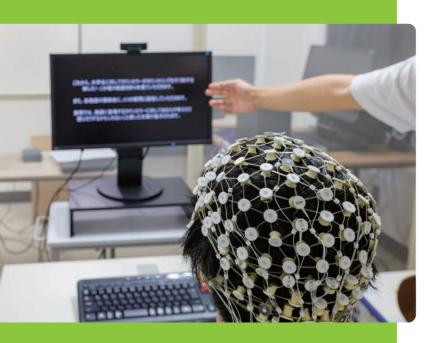
"Future Teacher" Development Project

The San'in Consortium for Teacher Education is a collaborative initiative between the Shimane Prefectural Board of Education, the Tottori Prefectural Board of Education, and the Faculty and Graduate School of Teacher Education at Shimane University. Our faculty plays a central role in planning and managing the "Future Teacher" Development Project, a program designed to help high school students better understand the teaching profession.





Human Sciences



The Faculty of Human Sciences, founded in 2017, aims for the fundamental understanding of human beings and applies that knowledge to people, particularly in the local community. The mission of the faculty is to construct 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 first year to their fourth year and integrate these experiences with scientific thoughts and theories. Interactive Presentation Meeting (IPM) is a distinctive class in which the students present and discuss with each other their research and experiences, which exceed their specialties. Through coursework, students are encouraged to develop communication skills and address issues in cooperation with people from various backgrounds. Graduates are expected to be specialists in human services, public services, and business with sufficient knowledge and practical interpersonal skills.





Psychology Course

It is necessary to have both viewpoints of considering of unique individuals and 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.







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' strengths. 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.







Health Sciences Course

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









Medicine



Basic Concept

Education, research, and medical services are conducted to equip students with a sense of culture and ethics from an international viewpoint. This also cultivates in them the spirit of scientific inquiry, alongside medical and nursing sciences, thus supporting community development and the welfare of humanity.

Educational Goal

The educational goal is to produce doctors and nurses with a sense of culture, ethics, and the spirit of scientific inquiry as well as a humanistic orientation that enables them to maintain the utmost respect for human life and treat modern-day challenges professionally.

Located in Izumo City, our campus consists of almost 350 academic staff and almost 900 undergraduate students. The Faculty of Medicine has 36 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

At the School of Medicine, our focus is 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.

Course Outline

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 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 seventy

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

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 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.





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





Interdisciplinary Faculty of

Science and Engineering



Interdisciplinary Department of Science and Engineering

In April 2025, the Interdisciplinary Faculty of Science and Engineering will transition from its current seven-department structure to a unified, single-department system.

The curriculum aims to develop highly skilled science and engineering professionals equipped with the interdisciplinary knowledge required to address the challenges of today's complex society and industry. It combines deep specialized knowledge in science and engineering with opportunities to interact with a wide range of people, broaden their knowledge, and continue to grow both personally and professionally, in collaboration with others.

Students can freely choose from a wide range of interdisciplinary science and engineering courses. As a guideline for course selection in the second year and beyond, when specialized coursework becomes the focus, we have prepared Three Fields and 14 Course Models.



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



Three Fields and 14 Course Models

"Field of Advanced Manufacturing" and Course Model

Focusing on academic fields such as physics, chemistry, mechanical engineering, and electrical and electronic engineering, students will build a strong foundation to become engineers and researchers in advanced manufacturing. Areas of study include semiconductors and microprocessor technologies, robotics and mechatronics, advanced monitoring and sensing technologies, rechargeable battery materials, and materials synthesis.

Course Model

- Electronic and Physical Engineering
- Mechanical and Electrical
- Semiconductor Application System
- Functional Chemistry

"Field of Mathematical Data Science, Information and Digital Technology" and Course Model

Focusing on academic fields such as mathematics and information science, students will build a strong foundation to become engineers and researchers who support the next-generation information industry. Areas of study include data science and analysis, advanced information and communication technologies, information security, artificial intelligence (AI), and machine learning.

Course Model

- Mathematical Data Science
- Mathematical Machine Learning Data Scientist
- IT Specialist

"Field of Natural and Living Environment" and Course Model

Focusing on academic fields such as chemistry, environmental science, earth science, and architecture, students will learn the foundations necessary to play an active role as engineers and researchers contributing to the realization of a sustainable society, including decarbonization, environmental analysis and assessment, renewable resources, global environmental change and disaster preparedness, and architectural design ranging from housing to cities.

Course Model

- Green System Science
- Earth Resources, Environment and Disaster Prevention Science
- Environmental Preservation Science
- Architectural Design
- Disaster Prevention Architect







Course Model across multiple Fields

Course Model

- Environmental Data Scientist
- Al Robotics

Bilingual Education Course

This course is available for all the departments of the faculty and accepts international students. Since intensive courses for studying Japanese are placed in the first and second years, the students can soon participate in courses taught in Japanese.

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



Materials for Energy



The Faculty of Materials for Energy is a completely new Faculty focused on materials to solve the energy problems that are being urgently addressed around the world. Through research and development of new materials that solve energy problems, the Faculty also nurtures innovative human resources who can significantly change society and the future.

Did you know that materials hold the key to solving energy problems? Take airplanes as an example. The creation of energy-efficient aircraft engines depends on the development of materials so engines consume less energy and deliver higher performance. It is no exaggeration to say that the creation of innovation is driven by materials, and research and development of materials has the power to change society significantly.

The Faculty of Materials for Energy is the first Faculty in Japan to offer a unique learning curriculum that applies learning and research in the real world. We look forward to having you join us to take on global issues through materials science.



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



Features of Education at the Department of Materials for Energy, Faculty of Materials for Energy

Character Development

- Highly specialized personnel who have a comprehensive understanding of global energy issues and can contribute to the construction of a sustainable society through the field of materials.
- Human resources who utilize a global perspective by integrating the knowledge and skills of materials engineering and informatics to foster innovation in companies and contribute to the promotion of digitalization and the development of regional industries.

#1 Development of New Materials

The Faculty of Materials for Energy delivers education that develops innovative materials with low environmental impact and high performance. Students are trained to understand energy issues, acquire knowledge and skills in the field of materials engineering, and lead the research and development of new materials.



#2 Materials Informatics

The Faculty provides practical education in using data to conduct predictive analysis and find optimal methods. The use of data utilization techniques can be widely applied in materials engineering and other fields, such as functional prediction and manufacturing optimization.



#3 Global Education

Through collaborations with the University of Oxford (UK) and the University of Helsinki (Finland), students acquire broad perspectives, the educational background, and collaborative skills so that they have the ability to communicate with a diverse range of people and be able to recognize international trends.



#4 Entrepreneurship

Students' education empowers them to take on the challenge of creating new values and implementing them in society to further new industrial development. Students acquire the ability to persistently tackle future issues and creatively find solutions using design skills.



#5 Project-based Education

We provide project-based education that tackles actual corporate issues through team collaboration. Through this education, students will be able to accurately grasp corporate issues, understand how the acquired knowledge and skills can be used in the real world, and be able to put them into practice.





Faculty of Life and Environmental Sciences

The Faculty of Life and Environmental Sciences was established in 1995 and was reorganized in 2018. Our faculty aims to: 1) understand the mechanisms of biological and ecological systems and develop new technologies related to food and medical sciences; 2) apply scientific outcomes to agriculture and forestry; and 3) contribute to local communities, sustainable production systems and environmental preservation and reclamation efforts. The undergraduate course offers a systematic program consisting of lectures, laboratory and field work, and small-group instruction. Laboratory and field work foster problem-solving skills and increase understanding of lectures. Small-group classes improve mutual understanding between students and mentors while facilitating the development of presentation skills. Graduates have found work in private companies, government offices, and high schools. Students who wish to improve their skills can continue their research at the Graduate School of Natural Science and Technology. The faculty currently consists of three departments and an education and research center.





Department of Life Sciences

The Department of Life Sciences aims to foster a fundamental understanding of biology, ecology and life sciences, as well as skills in the fields of drug design, food, medical and agricultural sciences. For second-year students, more specialized courses are offered. The Cell Biology and the Aquatic Biology and Biodiversity Courses offer curricula oriented towards biology and ecology, whereas the Biochemistry and Life Sciences Course and Food and Life Sciences Course offer curricula oriented towards chemistry and biotechnology. In the second half of the third year, students are assigned to laboratories and supervised by professors for their graduation thesis research.

Department of Agricultural and Forest Sciences

While providing a scientific foundation for understanding agriculture and forestry, this department also aims to teach these principles in a broader community context. From the second year, students can hone more specialized skills in the following four courses: the Crop and Livestock Production Course focuses on developments in agricultural technology in crop and livestock production and is based on knowledge of ecosystems, physiology, genetics and soil science. The Horticulture and Plant Science Course focuses on physiology, biotechnology, and genetics-based horticultural plant production, breeding, post-harvest management and utilization. The Agricultural Economics Course covers a wide range of subjects from farm management, marketing, to the development of rural

Department of Environmental and **Sustainability Sciences**

The philosophy of the Department of Environmental and Sustainability Sciences is the establishment of a sustainable and harmonized bond between the environment and human society. In order to realize this idea, our department provides an attractive curriculum to develop and apply advanced knowledge of soil, water, resources and environmental organisms. Students in our department are expected to become pioneers in the sustainable management of both natural and urban envi-

Education and Research Center for Biological Resources

Forests, agricultural land and marine environments form a natural landscape that supports human life while providing a wide range of biological resources. The Education and Research Center for Biological Resources operates under the philosophy that these diverse environments are interconnected as part of one integrated system. From this perspective, the Center is committed to contributing to both scientific research and social education.

The center consists of three sections located at different sites: Forest Science (Sanbe and Hikimi), Agricultural Science (Honjo and Jinzai) and Marine Biological Science (Okinoshima).

It offers lectures and educational programs that explore the relationships between human activities and natural environments, as well as the biological linkages among forests,



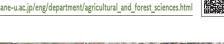




communities. The Forestry Course provides a wide range of experiences and knowledge in the areas of silviculture, forest management, wood production, informatics and renewable



https://www.life.shimane-u.ac.jp/eng/department/agricultural_and_forest_sciences.html







https://www.life.shimane-u.ac.jp/eng/department/environmental_and_sustainability_sciences.html





farmland, and marine ecosystems. These programs are open to students from all academic disciplines. Through hands-on experiences and field-based activities at each site, the Center aims to deepen our understanding of biodiversity, ecosystem function, and the mechanisms that sustain wild-



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





Graduate Schools

Graduate School of Human and Social Sciences

Division of Social Development and Innovation

Law and Politics
Regional Economics
Humanities and Social Sciences

Health and Behavioral Sciences

Division of Clinical Psychology

The Graduate School of Human and Social Sciences has two divisions. The objective of the Division of Social Development and Innovation is to educate students so that they can deepen their specialty in each field concerning human and social problems of contemporary society, approach problems from both human and social sides, tackle problems from a wide interdisciplinary human view point, social and natural sciences, and lead movement to create a futuristic society in which diverse people can respectfully live together in a world of their own. This division consists of four specialization areas. Assignment to a specialization area is done immediately after admission based on research-planning.

The objective of the Division of Clinical Psychology is to educate students so that they can accomplish various tasks:

(1) become qualified as certified public psychologists and clinical psychologists; (2) acquire the talent to work as



specialist like counselors based on their ability in assessment, counseling and community care with a high level of skill in clinical psychology; (3) tackle clinical-psychological problems based on a wide interdisciplinary viewpoint; and (4) lead movement to create a futuristic society in which diverse people can respectfully live together in a world of their own.



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



Graduate School of Education

Department of Professional School for Teacher Education

The Professional School for Teacher Education aims to nurture teaching professionals from elementary school to high school levels to work with contemporary educational issues in society, both at the global and local levels. In particular, the school focuses on educational issues in our region, such as small-sized schools, rural aspects with rich natural resources, and active cooperation with local communities. This two-year program values theories as well as practical learning, helping students develop knowledge and competencies to become school leaders.

The three pillars of our curriculum are: school management in a changing society, collaborating with other stakeholders in the community; class design instructions with theory and curriculum development; and support for children with various backgrounds through differentiated instructions. Teaching practice and research on-site at schools are mandatory.

Our students are composed of current teachers assigned from the Shimane and Tottori Prefectural Boards of Education and new college graduates. Graduate students' research projects are based on current issues in each school and area. These projects have contributed to solving problems and



improving situations in the classes, schools, and communities

A Japanese teaching certificate is required for admission, and international collaborative research has been developed. Certified international students in other programs are able to audit courses. It is our mission to work with teachers and teachers-to-be to enrich our children's lives and learning.



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



Graduate School of Medical Research

- Department of Medical Science
- Department of Nursing

Master's 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 (Medical Science)

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

Master's Course (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.



Doctoral 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.



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

The Graduate School of Natural Science and Technology offers Master's degree programs related to three majors: Science and Engineering, Science of Environmental Systems, and Agricultural and Life Sciences. In addition, each major is connected to a department in the undergraduate school, which enables 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 develop scientific knowledge, presentation skills, global insights, and the ability to formulate new ideas. The graduates become highly creative innovators, engineers, and researchers who will contribute to the development of science, technology and the creation of a sustainable society.

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

In the Science of Environmental Systems Major, students acquire 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 international viewpoints.

In the Agricultural and Life Sciences Major, students acquire 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 international viewpoints



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



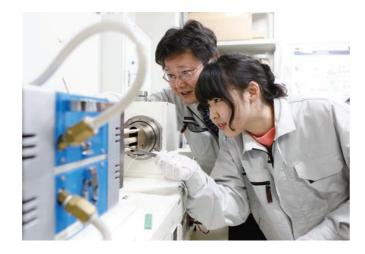
Major in Science and Engineering for Innovation

The doctoral degree course promotes interdisciplinary education among research fields to develop researchers who can open up new fields with a broad perspective. 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 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: (1) 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; (2) 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, math-



ematics, informatics, agriculture or various fields of engineering; and (3) 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.



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



Support for International Students

Shimane University provides scholarship programs to support financially international students.

| Scholarship | To receive the scholarships, students must apply individually and go through an on-campus selection process and a selection process at the Foundation. | JPY |
|---------------------------------|--|----------------|
| Japanese Gov | vernment Scholarship (MEXT) | |
| • | KT scholarship, you are supposed to apply before you arrive university, not after you study abroad. | |
| Undergradua | ate | 117,000/month |
| Graduate | | 144,000/month |
| Doctorate | | 145,000/month |
| JASSO Hono | ors Scholarship | 48,000/month |
| | ation is based on having been admitted through the Pre-Arrival Permit System. | |
| *To receive the JAS | SO scholarship, you are supposed to apply after you arrive university, not before you study abroad. | |
| Scholarship | To receive the following scholarships, you are supposed to apply after you arrive university, not before you study abroad. | JPY |
| Shimane Inte | rnational Center Scholarship | 20,000/month |
| Rotary Yoney | rama Scholarship | |
| Undergradua | ate . | 100,000/month |
| Graduate | | 140,000/month |
| Heiwa Nakaji | ma Scholarship | 100,000/month |
| Kawashima S | Scholarship | 100,000/month |
| SGH Internat | ional Students Scholarship | 120,000/month |
| Kyoritsu Inte | rnational Exchanges Scholarship | 20,000/month |
| Hashiya Scho | olarship | 100,000/month |
| Yasuda Schol | larship | 100,000/month |
| Korean Schol | larship | 24,000/month |
| • Undergradua | • | 50,000/month |
| Graduate | ••• | 70,000/month |
| Doctorate | | |
| Otsuka Schol | arship | 1,000,000/year |
| | · · · · · · · · · · · · · · · · · · · | 1,500,000/year |
| | | 2,000,000/year |



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



Support for Doctoral Students

Shimane University provides financial support for livelihood and research to the excellent doctoral graduate students (As of 2023).

This project named "SU Capacity Building Project Towards a Sustainable Society (S-SPRING)" aims to resolve various issues of the regions, Japan, and the world, and to foster doctoral students who will lead a future knowledge-based society towards the development of a sustainable society in Japan.

This project provides financial support to such excellent students, and provides courses for them to acquire the skills required by companies, etc., thereby creating an environment in which they can devote themselves to their research without worrying about employment.

It also provides opportunities to enhance students' research skills under the guidance of outstanding mentors in Japan and abroad, and to interact with doctoral students of different research fields, thereby encouraging the creation of interdisciplinary research and broad perspectives towards a sustainable society.

In addition to the S-SPRING, we also offer other programs and scholarships (provided by the university and other foundation) to support international students. The content changes from each year, so please check the university website for details.



https://www.shimane-u.ac.jp/education/school_info/dr aid/



Cutting-Edge Education & Research

Co-Creation Institute for Advanced Materials

The co-creation institute for advanced materials (Figure 1) has been established for integrating the original knowledge and technologies in the academic field of material science and engineering developed in Shimane University and accelerating the social implementation of the developed valuable convergence knowledge to local industries. The one-stop craftsmanship station, from the atomic-scale design of new functional materials, manufacturing the test species of the designed materials by applying additive manufacturing technologies, to characterization and evaluation of the test materials (Figure 2), will be established in the institute. One student or researcher can realize his/her idea and validate the effectiveness of the idea by using the one-stop station. Engineers in private companies can also visit the one-stop station for various trials. Various industry-government-academia collaborations are available for contributing future sustainable society all over the world. High-mix, low-volume production by integrating digital technologies reduces the development time and cost and disposals of the trial products and materials.



Figure 1 Co-creation Incubation Center of Shimane University



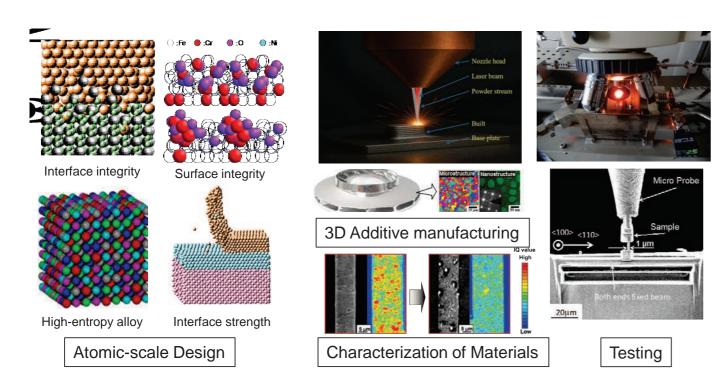


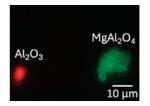
Figure 2 Concept of one-stop craftsmanship station

Organization of the Institute

The institute consists of 10 full-time international professors from USA, Germany, China, and Japan and about 50 part-time professors from Shimane University and about 50 visiting professors (collaborators) from universities all over the world. In particular, the professors in the next-generation Tatara Co-creation center and School of Materials for Energy are strong collaborators. Four highly skilled staffs with PhD degrees support the professors and engineers for realizing their dreams. The representative partner universities are Tohoku University, Hiroshima University, Akita University, and Muroran Institute of Technology, Oxford University, Cambridge University, Indian Institute of Technology Hyderabad, and so on. Shimane Institute for Industrial Technology is also a strong affiliate.

Example Advanced Research Topics

The main research topics in the academic year of 2025 are as follows. Prof. Yui ISHII focuses on the development of thermoelectric and superconducting materials for achieving maintenance-free systems. The quantitative analyses of atomic vibrations and local disorder in atomic arrangement by applying synchrotron radiation facilities are killer technologies. Prof. Susumu IMASYUKU is going to develop In-situ and real-time analyzing apparatus for improving the quality and integrity of various manufacturing systems by applying luminous phenomena of various elements, oxides, ceramics, and so on (Figure 3(a)). High-speed in-situ visualization of the distribution of elements, precipitates, and so on contributes highly reliable manufacturing system. Prof. Hiroaki UEDA develops new materials that contribute to the improvement of the performance and the cost reduction of magnetic materials. The clarification of the relationship between the magnetic properties and the electron correlation and many-body effects from the viewpoint of quantum mechanics by using single-crystals (Figure 3(b)) is his main research target. Profs. Tadashi FUJIEDA and Hao WANG are going to develop innovative manufacturing technologies for sustainable society by using AI (Artificial Intelligence) x DED (Direct Energy Deposition). This digital manufacturing technology enables to produce materials and structures for aerospace and clean energy industries (Figure 2). Prof. Shun FUJIEDA is going to realize new functional materials by using interactions between magnetism and various physical properties. He is also going to develop energy-converting magnetic functional materials that will drive innovation in energy efficiency and environmental impact reduction. New healthcare and vibration energy harvesting devices



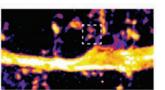
(a) Imaging of precipitates in an alloy



(c) Vibration energy harvesting device



(b) Single crystal of a new magnetic material



(d) Imaging of a neuron in a living brain tissue

Figure 3 Example research topics

have been developed (Figure 3(c)). Prof. Jens R. STELL-HORN explicates the relationship between the atomic-scale structure and the physical/chemical properties of advanced materials by applying synchrotron radiation science such as fine x-ray diffraction analysis and photoelectron spectroscopy for contributing to healthier lives and resilient infrastructure in our future sustainable society. He has successfully discovered that a bismuth silicate glass (Bi₂SiO₅) exhibits a remarkably high dielectric constant while maintaining low energy loss across a wide temperature range. Prof. Ben UR-BAN has developed novel imaging optical systems for health monitoring and medical treatment. This research can lead directly to earlier diagnoses, more effective treatments, and personalized medicine (Figure 3(d)). Prof. Hideo MIURA has developed the visualization technology for clarifying the quantitative degradation mechanism of various materials under operation by applying various fine microscopies. Micro-texture-induced fluctuation of mechanical and electronic properties of advanced materials is also explicated rationally by applying the technology.

Education System

Graduate students in the graduate school of natural science and technology can be enrolled in each laboratory. All the students stay in a large office for international and interdisciplinary communication and collaboration. Plural professors supervise each student for inspiring his/her serendipity. International collaboration is available through the student exchange program with contracted universities abroad. The one-stop craftsman station is open to all the students. Let's open our future from Shimane, and let's realize our dreams together!



First Semester begins

Spring Entrance Ceremony Orientation

AUGUST

10

Winter Vacation

MARCH

Final Exams

Summer Vacation

First Semester ends

SEPTEMBER

Intensive Seminars Summer Vacation

OCTOBER

Second Semester begins

Autumn Entrance Ceremony Orientation

University Festival

Shimane University Winter Vacation International Party

Classes resume

ends

Final Exams Spring Vacation

Graduation Ceremony

Second Semester

Spring Vacation

Tutor System for International Students

International students are able to receive support from tutors through the university's tutor system. One tutor is assigned to each international student for the first six months of the student's studies after enrolling in the university or after coming to Japan. Tutors help with various matters such as necessary procedures at the university and at public institutions. Tutors are Japanese students currently enrolled at Shimane University and aid international students in a number of ways: talk on a regular basis, help with studies, research and daily life, and offer support to improve Japanese language skills. Professors and staff at the International Center and International Division assist tutors in carrying out their activities. Through help from tutors, international students are able to hit the ground running with a well-prepared student life in Japan.

Japanese Language and Japanese Culture Studies

Shimane University offers elementary, intermediate and advanced level Japanese language courses and Japanese Culture Studies courses for international students. Elementary courses require a proficiency level of JLPT N5 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. Furthermore, there are a variety of non-accredited courses available to all international students.



Exchange Events and Club Activities

International students can enrich their study abroad experience in Japan by taking part in field trips sponsored by Shimane University. Students have the chance to visit places that enable them to experience cultural traditions, the beauty of nature and historical heritages, including a historically distinct countryside town in Shimane Prefecture where students can experience traditional Japanese life. All students can also enjoy the annual International Party to share their culture with not only other international students but also many Japanese students and staff.

Furthermore, Shimane University has various athletic, culture and hobby-related teams and clubs that welcome international students. There are approximately one hundred clubs on Matsue Campus, and fifty clubs on Izumo Campus that conduct activities on and off campus. These activities provide the opportunity for students to enhance their bodies and minds, to make friends, and to respect each other in ways that would be impossible inside the classroom. As such, these activities are believed to play an important role in students' lives.

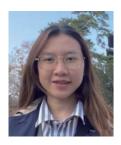








International Student's Voice



NGUYEN TRAN THI HONG NHUNG

Graduate School of Natural Science and Technology, Shimane University
(from Vietnam)

As a master's graduate and current doctoral student at Shimane University, I have experienced an incredibly supportive academic environment. Professors and staff are always ready to guide students, especially international ones, ensuring a smooth learning experience. The university also provides easy access to necessary information through its website, making

student life more convenient.

Beyond academics, Shimane University fosters a supportive and inclusive environment where students from diverse backgrounds connect, share ideas, and learn from one another. With a variety of events, clubs, and networking opportunities, students can engage in both academic and personal growth. Set in a beautiful natural landscape with changing seasons, Shimane offers a peaceful yet enriching place to live and study.

Most importantly, the university grows alongside its community, fostering a strong connection between Japanese and international students. This cultural exchange creates a unique and enriching experience. For those seeking high-quality education in a welcoming, diverse environment, Shimane University is an excellent choice.



BISWAS Biswajit

Post-doctoral Researcher National Institute for Quantum Science and Technology (from Bandladesh)

I achieved both my Master's and Ph.D. from Shimane University with the prestigious Japan Science and Technology (JST) scholarship. My time at Shimane University was deeply enriching, providing me with an exceptional academic environment with a postdoctoral research. Additionally, I had the opportunity to work as an assistant researcher at Department of Physics and S-Nanotech Co-Creation Co. Ltd., a joint venture company of Shimane University, where I contributed to applied research in advanced nanotechnology.

Shimane University played a crucial role in shaping my career. The university's commitment to innovation, interdisciplinary research, and collaboration between academia and industry provided the ideal foundation for my academic and professional growth. The faculty and research community were incredibly supportive, encouraging me to push the boundaries of scientific exploration. Beyond research, the welcoming atmosphere and vibrant international environment at Shimane University made my experience truly transformative.

With an open mind and a forward-thinking approach, I aim to contribute to the evolution of semiconductor and quantum technologies. I am committed to fostering international collaborations, mentoring young researchers, and bridging theoretical and experimental research to drive scientific advancements. My work is dedicated to pushing the boundaries of modern science, paving the way for future innovations in quantum and optoelectronic research.

I extend my deepest gratitude to my supervisors, the faculty members, and the university authorities at Shimane University for their unwavering support and guidance throughout my academic journey. Their mentorship and encouragement have been instrumental in helping me achieve my goals. I sincerely wish Shimane University continued success in its pursuit of academic and research excellence.



Nidhi RaoGraduate School of Natural Science and Technology

Hello! I'd say the best part of studying at Shimane University would be an extremely close-knit community within and outside the campus. The professors and staff are always looking to support the students and

(from India)

their dreams. The fellow students from Japan and abroad have diverse perspectives and backgrounds, that allow students and researchers to be extremely focused and truly enrich their life here.

Alongside the quality research, students are encouraged to freely choose their passions and goals with many events, clubs and networking opportunities. The abundance of nature and vibrant seasons of Shimane make it a truly wonderful place to live in. What truly sets apart Shimane University from other universities is that it sticks to its motto of growing along with its community, something I have actively observed to be happening in the past 2 years that I've lived here.



Athirah Sazalee

Bachelor Degree of Law and Literature
(from Malaysia)

I'm an undergraduate student in Sociology Major and have been a student at Shimane University for 4 years. Through these years, I've created a lot of memorable moments in my life. As an international student, at first it was pretty difficult to adapt especially the language barrier. So, I decided to be actively involved in university activities to overcome it. I've joined a club, joining an events held by university and many more. My teachers also have been very understanding and they

helped me a lot with classes, that were mostly being held in Japanese. One of my favorite activities at Shimane University is the International exchange event. Through that, I've met a lot of people from various backgrounds. I also got a chance to make friends not just Japanese but those from other countries. Subconsciously, my Japanese, also my English has improved a lot. I've become more confident speaking especially in Japanese. I'm so glad that Shimadai held a lot of international exchange programs which made my university life more fun. For future international students, especially Malaysian students, I hope that you guys will explore and try to give yourself a chance to be actively involved in the university's activities. It's okay to not be able to speak Japanese smoothly at first, but never let yourself regret in the future for not doing anything. I hope you will have a fun university life!



Michał KUŹNIARZ

Faculty of Modern Languages and Literatures, Japanese Studies (from Poland)

I have truly enjoyed the time I spent studying at Shimane University as an exchange student. The whole experience allowed me to grow academically, especially in the field of Japanese language and culture studies. This was made possible thanks to the invaluable support of both the university staff and my colleagues, who helped me successfully navigate the hurdles I encountered and progress toward my goals. Thanks to the open and accommodating atmosphere on campus, I truly felt welcome and part of the university's community. The classes and extracurricular activities conducted in international groups allowed me to gain new perspectives and develop greater cultural awareness. I also enjoyed living in Matsue, with its historical architecture, vibrant folklore, and proximity to beautiful natural surroundings. It is a perfect place to immerse oneself in the study of Japan while enjoying its charm and connecting with wonderful people along the way.

Cafeteria

The cafeterias at Matsue Campus and Izumo Campus offer standard menus and seasonal menus, which are popular among the students. In addition to Japanese cuisine, international dishes are available as well.

Furthermore, due to high demand, Matsue Campus' Co-op has developed original, Halal-friendly menus so Muslim students can have a healthy and carefree dining experience.







University Housing

1. Shimane University International House

Matsue Campus

Located 500m away from campus and is for Matsue Campus exchange students.

Izumo Campus

On-campus housing for Izumo Campus international students and researchers.

Izumo Campus Tenjin Branch

Located 2km from Izumo Campus and is for Izumo Campus international students and researchers who have family.





Matsue Campus



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

2. Student Dormitory

The student dormitory is located a 10-minute walk away from Matsue Campus. Buildings A, B and C each offer slightly different amenities and are conveniently located in the same complex.





Job Hunting Support

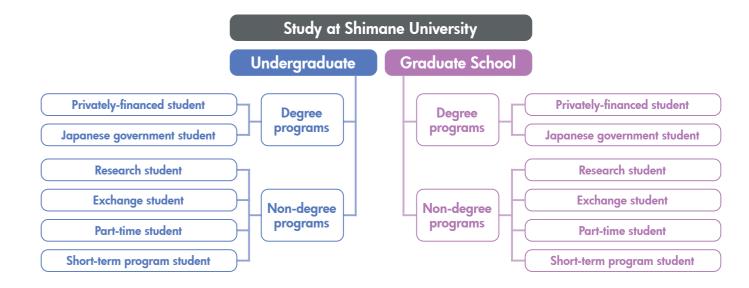
Job hunting support for international students is conducted collaboratively by the Career Section of the Higher Education Center and the International Center. International students can gain a greater knowledge of Japan's job-hunting culture through job hunting guidance sessions, individual job counseling, visits to companies, and regularly-held business Japanese language lectures. As a result of these opportunities, international students consistently graduate from the

university and move on to obtain successful careers in Japan.





Admission Information



Admission Schedule and Other Programs

https://www.shimane-u.ac.jp/en/study/future students/admission information.html



Facilities, Research Institutes & Organizations

Facilities

University Library at Matsue and Izumo https://www.lib.shimane-u.ac.jp/english/



Shimane University Hospital (Izumo)

Health Service Center

Student Support Center

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

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

Centers and Organizations

https://shimane-u.health.wdeco.jp/



Research Institutes

Research and Education

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



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





Estuary Research Center (*EsRec*) https://www.esrec.shimane-u.ac.jp/eng/

Center for Natural Disaster Reduction



https://ndrre.shimane-u.ac.jp/english.html

Head Office for Regional Collaboration and Innovation



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

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

Next Generation Tatara Co-Creation Centre

International Center https://kokusai.shimane-u.ac.jp/english/



https://shimane-u.health-izumo.wdeco.jp/_/page/ENGLISH

Izumo Campus



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

Access to Shimane University





Izumo Airport Airport (Izumo





Matsue Campus

Transportation

Matsue Campus



Tokyo (Haneda) → Izumo ······· 1h 25m Fukuoka → Izumo ----- 1h 5m Osaka (Itami) → Izumo ----- 55m Tokyo (Haneda) → Yonago ··· 1h 20m

Shuttle Bus from Airport to Matsue Station

Izumo Airport → JR Matsue Station ----- 30m Yonago Airport → JR Matsue Station ----- 45m

TRAIN

Tokyo - Okayama - Matsue ----- 6h 10m Fukuoka - Okayama - Matsue ---- 4h 30m Osaka - Okayama - Matsue ---- 3h 40m

Transportation from JR Matsue Station to Matsue Campus

By local bus → Matsue Campus ----- 15-20m → Matsue Campus ·········· 10m

Izumo Campus



Tokyo (Haneda) → Izumo ----- 1h 25m Fukuoka → Izumo ----- 1h 5m Osaka (Itami) → Izumo ----- 55m

Shuttle Bus from Airport to Izumoshi Station

Izumo Airport → JR Izumoshi Station -----25m



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 → Izumo Campus ---By taxi → Izumo Campus ----- 10m

Shimane University Welcomes and Supports International Students and Researchers!

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



Student Support Center https://gakushien.shimane-u.ac.jp/



Health Service Center

Matsue Campus https://shimane-u.health.wdeco.jp/ Izumo Campus https://shimane-u.health-izumo.wdeco.jp/_/page/ENGLISH





