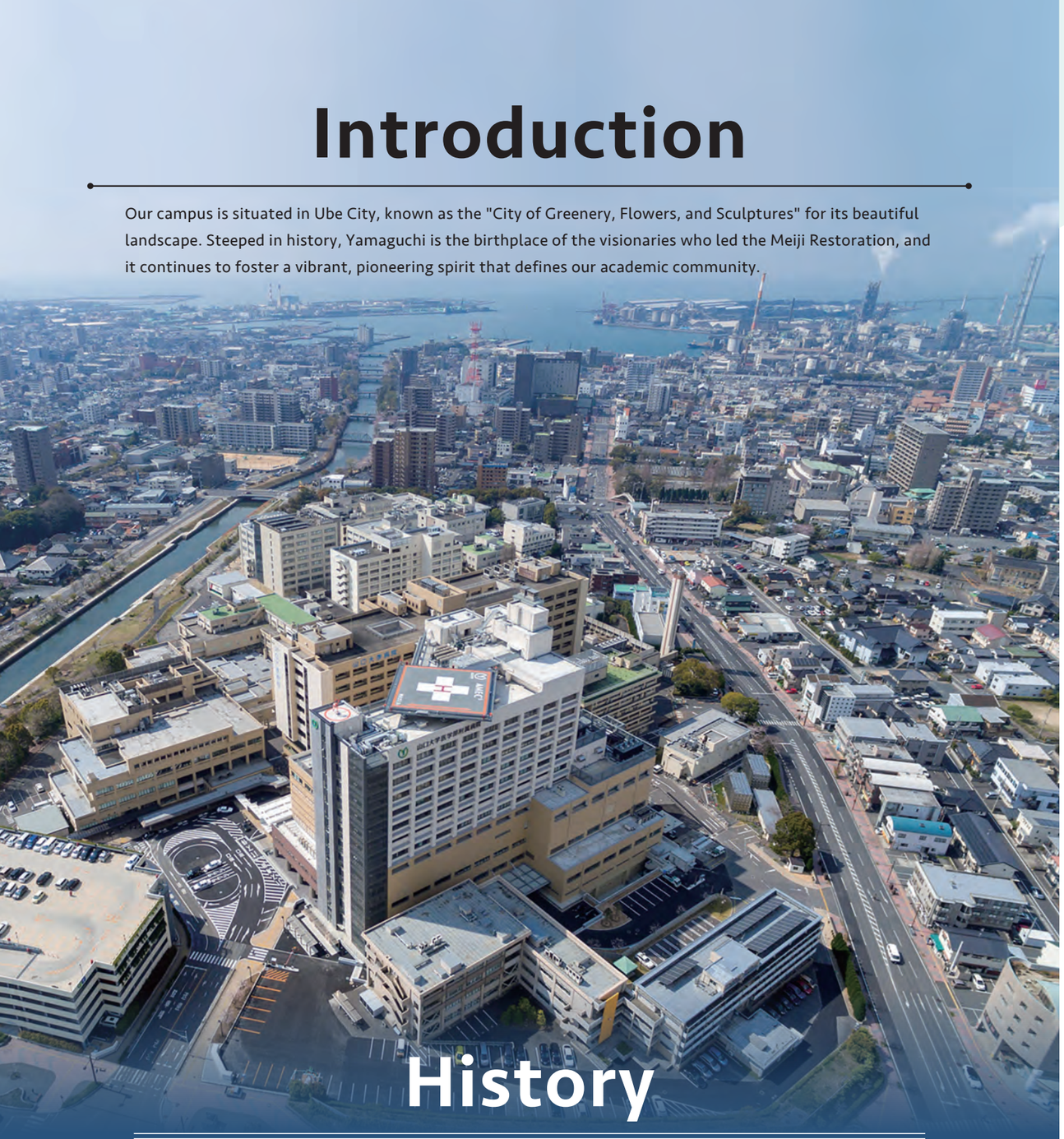
Pioneering the Future of Healthcare



Yamaguchi University
Faculty of Medicine and Health Sciences

Introduction

Our campus is situated in Ube City, known as the "City of Greenery, Flowers, and Sculptures" for its beautiful landscape. Steeped in history, Yamaguchi is the birthplace of the visionaries who led the Meiji Restoration, and it continues to foster a vibrant, pioneering spirit that defines our academic community.



History

1944 Yamaguchi Prefectural Medical College established.
1949 Faculty of Medicine in Yamaguchi Prefectural Medical University established.
1952 Yamaguchi Prefectural Medical University (under the new educational system) established.
1958 Graduate School of Medicine (Yamaguchi Prefectural Medical University) established.
1964 Yamaguchi University School of Medicine founded (Transferred to national administration).
1967 University Hospital established (Transferred to national administration).
2000 School of Health Sciences established.
2004 Reorganized as a National University Corporation.
2005 Master's program in Health Sciences established within the Graduate School.
2007 Doctoral program in Health Sciences established within the Graduate School.

Facts & Figures



Undergraduate Programs (Faculty of Medicine and Health Sciences)

School of Medicine

Program	Annual Intake	Duration	Degree Awarded	Professional Qualifications (Eligibility)
Medicine	109	6 Years	Doctor of Medicine (MD)	• Medical Doctor

School of Health Sciences

Program	Annual Intake	Duration	Degree Awarded	Professional Qualifications (Eligibility)
Nursing	80	4 Years	Bachelor of Nursing	• Registered Nurse (RN) • Public Health Nurse (PHN)
Laboratory Sciences	40	4 Years	Bachelor of Health Sciences	• Medical Technologist (MT)

Graduate Programs (Graduate School of Medicine)

Integrated Doctoral Program (Medicine)

Program	Duration	Annual Intake	Degree Awarded
Integrated Doctoral Program	4 Years	33	PhD in Medical Science (Doctor of Philosophy in Medical Science)

Master's and Doctoral Programs (Health Sciences)

Program	Duration	Annual Intake	Degree Awarded
Master's Program	2 Years	12	Master of Health Sciences
Doctoral Program	3 Years	5	PhD in Health Sciences

International Academic Exchange Agreements
(Faculty and Institutional Level) As of May 1, 2026

The Faculty of Medicine and Health Sciences maintains active academic exchange agreements with the following prestigious institutions worldwide:

Thailand
Mahidol University
China
Dalian Medical University
Hong Kong
The University of Hong Kong
Tung Wah College
Taiwan
National Taiwan University College of Medicine
Switzerland
The University of Lausanne
University of Bern
United States of America
City of Hope

Research & Innovation

Discover the cutting-edge research, world-class institutions, and innovative programs that define the excellence of Yamaguchi University Faculty of Medicine and Health Sciences.

PRIME CAR-T Cells: A Breakthrough in Solid Tumor Therapy

Lead Researcher:

Professor Koji Tamada, MD, PhD

(Department of Immunology, Yamaguchi University Graduate School of Medicine)



While conventional CAR-T cell therapy has shown remarkable success against hematological malignancies, its efficacy against solid tumors has remained a significant challenge. Professor Tamada and his team have overcome this barrier using their proprietary PRIME (Proliferation-inducing and Migration-enhancing) technology.
These next-generation PRIME CAR-T cells are genetically engineered not only to target cancer directly but also to secrete key immune mediators that amplify the body's innate immune response. By recruiting and activating the patient's own immune cells at the tumor site, they initiate a powerful, coordinated total attack on the cancer. The team is currently advancing the clinical development of this technology, positioning it as a cornerstone of next-generation cancer immunotherapy.

Erythromycin: A Candidate for Myotonic Dystrophy Therapy

Lead Researcher:

Professor Masayuki Nakamori, MD, PhD

(Department of Neurology, Yamaguchi University Graduate School of Medicine)



Professor Nakamori and his team are pioneering the use of erythromycin — a widely used antibiotic — as a novel treatment for myotonic dystrophy, a designated intractable disease. Their groundbreaking study was the first in the world to demonstrate that erythromycin can effectively correct splicing abnormalities, the molecular root cause of the disease. By leveraging "drug repositioning," the team is dedicated to accelerating the development of the world’s first disease-modifying therapy for myotonic dystrophy, with the potential to transform the lives of patients worldwide.

Systems Bioinformatics: Paving the Way for Personalized Medicine

Lead Researcher:

Professor Yoshiyuki Asai, PhD

(Department of Systems Bioinformatics, Yamaguchi University Graduate School of Medicine)



Professor Asai and his team aim to realize personalized medicine by integrating three core pillars of data science: medical AI, systems biology, and bioinformatics. Their research focuses on elucidating biological phenomena and disease mechanisms to develop innovative diagnostic and therapeutic technologies.
Medical AI: The team leverages clinical data to improve disease prediction, support diagnostic decision-making, and estimate treatment efficacy in real-world medical settings.
Systems Biology: Viewing diseases as perturbations in the dynamics of a healthy state, the team seeks to clarify the underlying regulatory mechanisms and develop entirely new therapeutic strategies.
Bioinformatics: Using advanced statistical and computational methods,the team analyzes large-scale biological data to unravel complex pathological mechanisms and predict disease risks.

Research Institutions

RICeD: Research Institute for Cell Design Medical Science

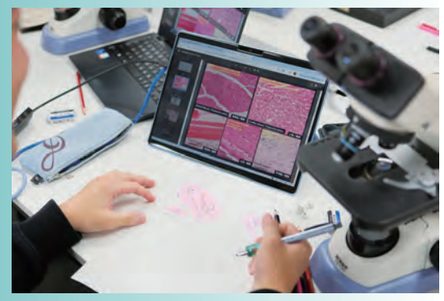
Under the leadership of Director Koji Tamada, RICeD brings together a diverse team of 70 researchers dedicated to advancing basic research, clinical development, and data science. The institute uniquely bridges the fields of human and veterinary medicine, striving to ensure longer, healthier lives for both humans and their companion animals.
The heart of RICeD's mission is to establish "Medical-Veterinary Circular Innovation Ecosystem"—a pioneering model originating from Yamaguchi that fosters continuous synergy between medical and veterinary breakthroughs to drive global healthcare innovation.

AISMEC: AI Systems Medicine Research and Training Center

AISMEC is dedicated to cultivating "Data Science Physicians" — a new generation of medical professionals equipped with advanced expertise in data science. By developing and disseminating comprehensive technical know-how, the center serves as a hub for innovation in the medical field.
Its mission is two fold: actively promoting the real-world implementation of medical AI technologies in healthcare settings, and providing an interdisciplinary education that emphasizes the critical role of systems biology. Through these initiatives, AISMEC is advancing data-driven medicine and transforming both patient care and medical education.

Education







School of Medicine (MD Program)

Our Vision

Philosophy & Educational Policy

Our mission is to cultivate world-class medical researchers and highly skilled healthcare professionals. At the heart of our education is the development of "Self-Directed Growth," empowering students to independently identify complex challenges and engineer innovative solutions. Moving beyond traditional lecture-based learning, we foster a culture of active inquiry and a lifelong commitment to medical excellence.

Curriculum Highlights

Internationally Accredited Excellence

We offer a seamless, progressive six-year integrated curriculum that is fully accredited by the **Japan Accreditation Board for Medical Education (JACME)**. This certification (valid from August 2020 to July 2027) confirms that our program meets the **Global Standards set by the World Federation for Medical Education (WFME),** ensuring that our medical education is recognized and respected worldwide.

The Signature "Self-Development Course" (3rd Year)

A defining feature of our program is a dedicated **five-month intensive research period**. Students pause standard coursework to join a research laboratory of their choice—whether within Yamaguchi University, at prestigious domestic institutions, or with our international partners. During this time, students conduct independent research, culminating in a graduation thesis. This unique opportunity allows future doctors to develop a "scientist's eye" early in their careers.

Comprehensive Clinical Clerkships (4th – 6th Year)

Students engage in extensive clinical rotations, participating as active members of medical teams. Through this immersive experience, they acquire the systematic knowledge, technical skills, and bedside manner required for modern medical practice at a global standard.

Graduate School of Medicine: Division of Medicine (PhD Program)

Our Mission

Advancing Global Health

The Graduate School of Medicine is dedicated to the pursuit of human health and well-being through the generation of pioneering knowledge. We bridge the gap between fundamental medical science and innovative healthcare to solve global health challenges.

Key Research & Innovation

The Division of Medicine focuses on cultivating leaders in the next generation of healthcare, with a particular emphasis on:

Regenerative Medicine & Cell Therapy: Developing highly skilled professionals to lead these transformative fields.

AI & Genomic Medicine: In collaboration with the **AI Systems Medicine Research and Training Center (AISMEC)**, we conduct cutting-edge research at the intersection of data science and medicine.

Interdisciplinary Educational Environment

We provide a rich, cross-disciplinary academic ecosystem to foster broad expertise:

Comprehensive Perspective: Students are required to take courses across different disciplines to broaden their scientific horizons.

Medical-Pharmaceutical Synergy: Through partnerships with other universities, we offer an integrated environment for cross-disciplinary studies spanning medicine and pharmacology.

Degree Requirements

Upon completion of the following, students are awarded a Doctor **of Philosophy (PhD in Medical Science)**:

Duration: 4 years or more of enrollment.

Credits: Successful completion of the required academic credits.

Dissertation: Successful defense of a doctoral dissertation and passing the final examination.

Short-Term Programs for Visiting Students

The YUSS Program (Yamaguchi University Short Stay Program)

The YUSS Program is our premier initiative for global academic exchange, offering international medical students a unique gateway into the Japanese healthcare system. The program is built on two core pillars:

1.Advanced Research Opportunities:
Participants are hosted in our cutting-edge laboratories under the direct mentorship of distinguished professors from the Graduate School of Medicine. This provides students with hands-on experience in world-class medical science.

2.Immersive Clinical Clerkships:
In a truly integrated experience, international students join our own medical students in their **Clinical Clerkship program** at the University Hospital. By participating in rotations alongside their Japanese peers, visitors gain rare, firsthand insights into clinical practices and patient care within the Japanese medical system.

This program serves as a vibrant bridge between Yamaguchi and the world. We are proud to welcome numerous students from our prestigious global partners, including:

- **University of Bath (United Kingdom)**
- **Udayana University (Indonesia)**
- **Mahidol University (Thailand)**
- **University of Nairobi (Kenya)**



School of Health Sciences

Our Vision

Philosophy & Educational Policy

Our mission is to cultivate highly skilled healthcare professionals capable of adapting to the rapid advancements in medical science and nursing care. We are committed to fostering an intellectual curiosity focused on the pursuit of truth within the health sciences. Our curriculum balances the mastery of specialized knowledge and cutting-edge techniques with an education that nurtures a profound sense of humanity and empathy.

Curriculum Highlights

The School of Health Sciences offers two comprehensive four-year degree programs: the Division of Nursing and the Division of Laboratory Sciences.

Division of Nursing: We cultivate advanced clinical practice skills tailored to the rigorous demands of modern medicine, deeply grounded in compassionate, patient-centered care. Our robust curriculum features an integrated training track for both Registered Nurses and Public Health Nurses, with a specialized focus on community-based integrated care systems.

Division of Laboratory Sciences: Students acquire the sophisticated technical expertise and foundational knowledge required of modern clinical technologists. Our curriculum strongly emphasizes evidence-based decision-making and advanced problem-solving capabilities. Designed to align with the rapid global evolution of medical science, our program boasts a remarkable track record: our students' pass rate for the National Examination for Clinical Laboratory Technologists consistently ranks among the highest across all national universities in Japan.





Graduate School of Medicine: Division of Health Sciences
(Master's and Doctoral Programs)

The Division of Health Sciences is dedicated to advancing specialized healthcare expertise and is structured into two primary fields: **Nursing Sciences** and **Biomedical Laboratory Sciences**.

Nursing Sciences

We offer the **Advanced Practice Nursing Course (Certified Nurse Specialist / CNS Track)**, designed to elevate clinical expertise in two critical domains:

Critical Care Nursing
focuses on deepening the specialized knowledge and advanced clinical skills required for acute and intensive patient care.

Cancer Nursing (Oncology Nursing)
equips students with advanced, compassionate expertise and specialized techniques in oncological care.

Biomedical Laboratory Sciences

This field offers advanced tracks designed to develop industry innovators and academic leaders:

Clinical Cell Culturist Training Course (Master's Program) cultivates highly specialized medical professionals capable of managing and operating advanced clinical laboratories. It also trains experts for R&D roles in the biopharmaceutical and medical device industries.

Medical Scientist Training Course (Doctoral Program) is dedicated to producing top-tier researchers and educators equipped to excel as leaders in academic institutions and pioneering research laboratories.

Global Engagement

APAHL(Asia-Pacific Alliance of Health Leaders)

Empowering the Next Generation of Global Healthcare Leaders

Established in 2005, APAHL is a vibrant, cross-border initiative proudly co-led by the School of Health Sciences. For over two decades, this expanding alliance has been dedicated to cultivating future international leaders in nursing and health sciences across the Asia-Pacific region. We are honored to partner with some of the most prestigious institutions in the region:

Chiang Mai University (Thailand)
Mahidol University (Thailand)
The University of Hong Kong (Hong Kong)
Deakin University (Australia)

The APAHL Forum Experience

Every year, member universities take turns hosting an immersive four-day international forum. Far beyond a traditional exchange program, the APAHL forum is an intensive, action-packed event centered around a specific, cutting-edge healthcare theme each year.

During the forum, students from diverse cultural backgrounds come together to:

– Engage in dynamic group work and collaborative presentations.
– Participate in specialized site visits to healthcare and community facilities directly related to the forum's annual theme.
– Build lifelong global networks through rich social and cultural activities.

Through APAHL, students don't just learn about global healthcare, they actively collaborate to shape its future.



Sigma Theta Tau International (Sigma): The Tau Nu Chapter

Founded in 1922 at Indiana University (USA), Sigma is a prestigious global honor society of nursing, comprising approximately 600 chapters across more than 85 countries. Yamaguchi University is profoundly honored to host the Tau Nu Chapter, a dedicated branch of this esteemed organization in Japan.

With over 130,000 active members worldwide, Sigma stands as the second-largest nursing organization globally, following the ICN. Its core mission is to advance the scientific foundation of nursing and promote global health equity. Through the Tau Nu Chapter, we are deeply committed to cultivating visionary nursing professionals who demonstrate exceptional leadership in clinical practice, education, and research.

International Academic Journal: *Nursing and Health Sciences*

Yamaguchi University proudly serves as the editorial office for Nursing and Health Sciences (NHS)—a pioneering publication that stands as Japan's very first international academic journal dedicated exclusively to these fields.

Under the leadership of an international faculty member serving as Editor-in-Chief, and supported by a distinguished global editorial board, the journal consistently curates and publishes high-impact research that contributes to the advancement of global healthcare.

General Information for International Students & Scholars

■Contact Information

For inquiries regarding admission or application procedures, please contact the respective office below.

Exchange Students (Short-term programs)
Public Relations and International Affairs Office, Faculty of Medicine and Health Sciences
Email: me268@yamaguchi-u.ac.jp

Regular Degree Course (Undergraduate & Graduate)
Education and Student Support Office, Faculty of Medicine and Health Sciences
Email: me237@yamaguchi-u.ac.jp

■Application Process

Program Selection
Identify the course or program that aligns with your academic goals.

Documentation
Prepare the necessary application documents as required by each specific program.

Submission
Submit your completed application and required documents via email to the relevant office.

Visa Support
Depending on the duration of your stay, the university will provide support for the necessary visa acquisition process.

■Support & Housing

Accommodation
University dormitories are available for international students. As rooms are limited and may become full, students are encouraged to consult with their respective office as early as possible.

Student Life
Depending on the program, students may have opportunities to participate in campus tours and international exchange events organized by Yamaguchi University students.

■Visiting Scholars

The Faculty of Medicine and Health Sciences actively welcomes international researchers and visiting scholars. We provide a collaborative environment for joint research and academic exchange across various medical and health science disciplines.

Yamaguchi University Hospital



Hospital Building A



Auditorium



Hospital Heliport

Overview & Regional Leadership

Yamaguchi University Hospital is a tertiary care center equipped with 754 beds, 30 clinical departments, and 24 specialized clinical facilities. As the ultimate referral hospital in Yamaguchi Prefecture, we serve as the region's healthcare stronghold. We are proud to house the first Advanced Critical Care Center approved among all national university hospitals in Japan. Additionally, we act as the designated core regional hub for cancer treatment, liver disease management, and disaster and nuclear emergency response.



Advanced Medicine & AI Innovation

We are consistently at the forefront of medical technology. Our surgical teams perform a high volume of advanced, minimally invasive procedures utilizing two state-of-the-art "da Vinci" robotic surgical systems. Furthermore, in close collaboration with the AI Systems Medicine, Research and Traing Center (AISMEC), we are actively driving AI-integrated clinical research to bring next-generation artificial intelligence directly into patient care and diagnostic support.

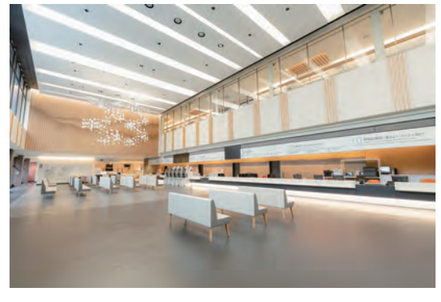


Global Education & Research Opportunities

Our hospital provides a dynamic, open environment for medical education and translational research. We actively welcome international medical students, young researchers, and visiting scholars, offering immersive opportunities for clinical observations (clerkships) and collaborative research. By bridging the gap between cutting-edge laboratory research and daily clinical practice, we offer an inspiring learning ecosystem for global talents. We also maintain a dedicated international support system to ensure overseas patients and visiting professionals feel secure and welcomed.

A Healing Environment for All

Following a comprehensive 11-year redevelopment project, we have completely transformed our facilities. Our newly constructed clinical and ward buildings feature beautiful hospital art, modern cafes, and tranquil library spaces. While fulfilling our vital role as the ultimate provider of advanced regional healthcare, we are equally committed to creating a soothing, comfortable environment where patients can heal and medical professionals can thrive.



Explore the Scenic Beauty of Yamaguchi



Tokiwa Park

Located in Ube City, this expansive 100-hectare park surrounds the scenic Lake Tokiwa. It features a 5.7-kilometer walking trail, an amusement park, a zoo, and a botanical museum. The park is renowned for its lively seasonal flowers and its impressive outdoor sculptures—officially recognized by Guinness World Records™ as the "longest-running outdoor sculpture competition" in 2024.

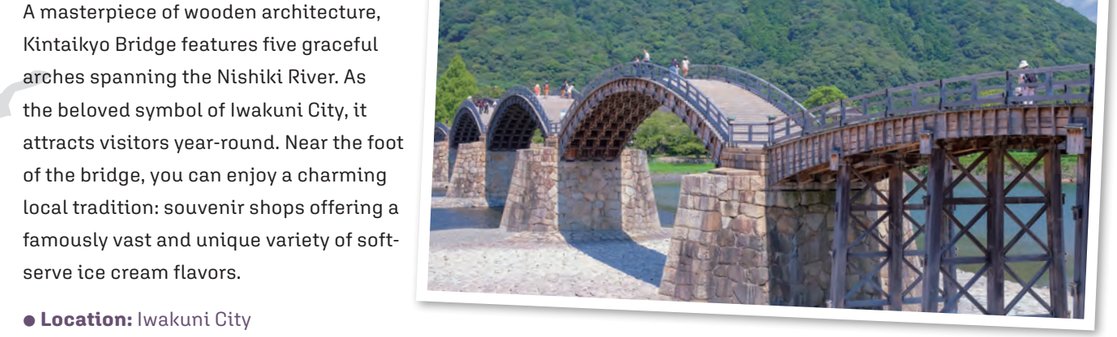
- **Location:** 254 Okiube, Ube City
- **Access from the Campus:** 10-minute drive



Tsunoshima Bridge

Spanning 1,780 meters, this is one of Japan's longest toll-free bridges. It offers a breathtaking drive over stunning cobalt-blue waters that rival any tropical resort. Beyond the bridge, Tsunoshima Island features beautiful beaches, a historic lighthouse, and picturesque cycling routes. The view of the sun sinking into the Sea of Japan is truly exceptional.

- **Location:** Kanda, Houhoku-cho to Tsunoshima, Shimonoseki City
- **Access from the Campus:** 1.5-hour drive
- **Note:** The bridge may be closed during strong winds.



Five-Story Pagoda of Rurikoji Temple (National Treasure)

Ranked among Japan's top three pagodas, this national treasure is a magnificent symbol of the historic Ouchi Culture that once flourished here in Yamaguchi. It blends beautifully with the surrounding natural scenery. Reflecting its global appeal, Yamaguchi City was famously ranked 3rd in The New York Times' "52 Places to Go in 2024."

- **Location:** 7-1 Kozan-cho, Yamaguchi City
- **Access from the Campus:** 45-minute drive





Motonosumi Shrine

It is said that this shrine was established in 1955 following a divine message from a white fox. It is famous for its striking tunnel of 123 red torii gates stretching over 100 meters toward the sea. Featured by major international media including CNN, it is recognized globally as one of Japan's most breathtaking coastal landscapes.

- **Location:** 498 Yuya-cho, Nagato City
- **Access from the Campus:** 1.5-hour drive
- **Hours:** 9:30 AM – 4:30 PM

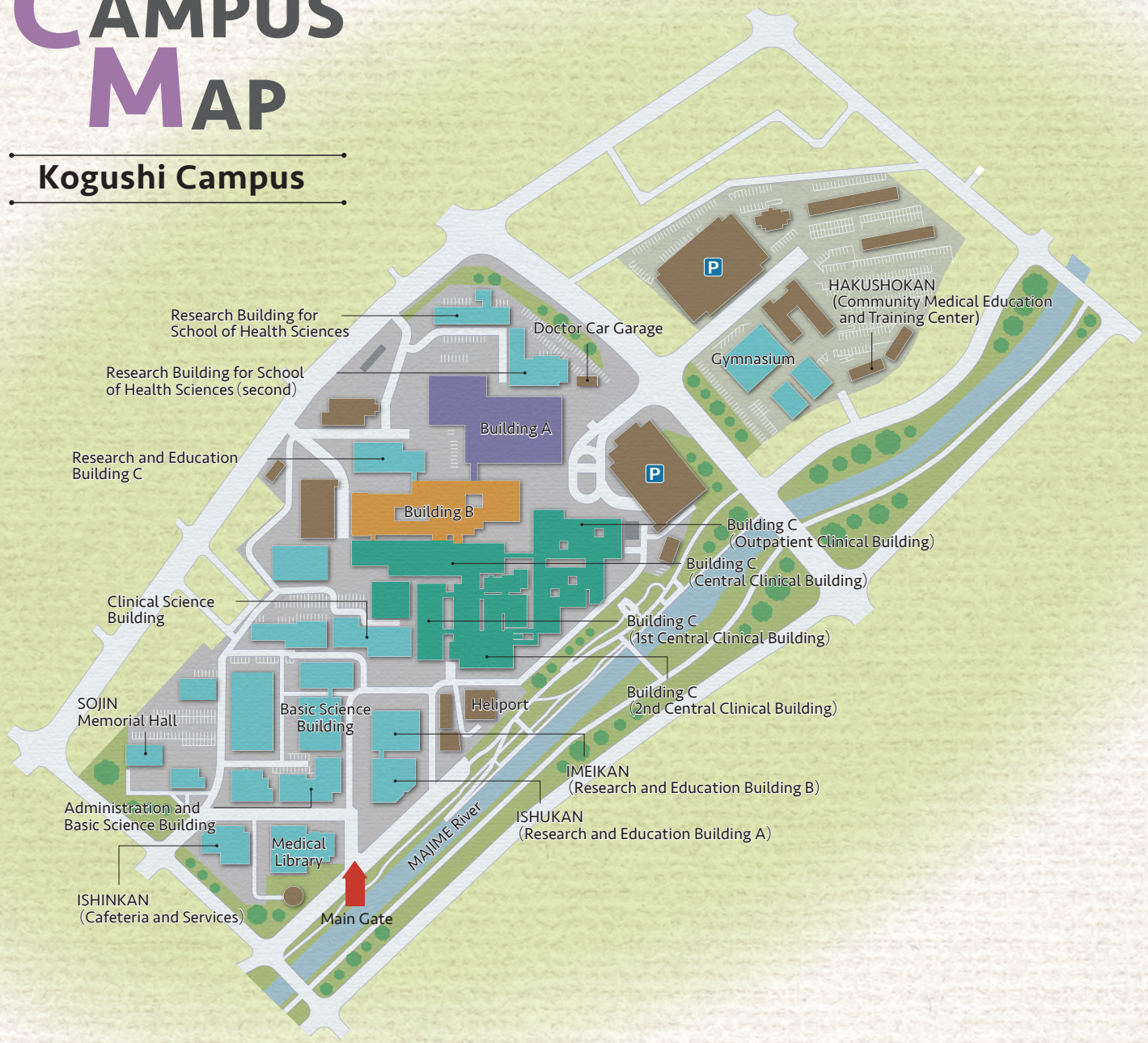
Kintaikyo Bridge

A masterpiece of wooden architecture, Kintaikyo Bridge features five graceful arches spanning the Nishiki River. As the beloved symbol of Iwakuni City, it attracts visitors year-round. Near the foot of the bridge, you can enjoy a charming local tradition: souvenir shops offering a famously vast and unique variety of soft-serve ice cream flavors.

- **Location:** Iwakuni City
- **Access from the Campus:** 1.5-hour drive (via expressway)
- **Admission Fee:** Adults: 310 yen/ Elementary School Students: 150 yen
  (From September 1, 2026: Adults 500 yen / Elementary School Students 250 yen)
- **Toll Booth Hours:** 8:00 AM – 5:00 PM
  (Open 24 hours ; use night box when unstaffed)

Campus Map

Kogushi Campus



Yamaguchi University
Faculty of Medicine and Health Sciences

Contact / Inquiries

Public Relations and International Affairs
me268@yamaguchi-u.ac.jp
Minami-Kogushi Ube Yamaguchi 755-8505 Japan

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