

Yamaguchi University (National) Graduate School of Sciences and Technology for Innovation

Program/Course name

Division of Construction and Environmental Engineering
The Course of Civil and Environmental Engineering
International
The Course of Civil and Environmental Engineering

◆ Degrees:

Master of Engineering

◆ Credit and years needed for graduation:

30 credits, 2 years

◆ Address:

2-16-1 Tokiwadai, Ube-shi, Yamaguchi, JAPAN



Features of University

<https://www.yamaguchi-u.ac.jp/english/>

Yamaguchi University is a prestigious national institution with a deep-rooted history dating back to its founding in 1815. As a comprehensive university, it encompasses nine faculties and eight graduate schools spread across its Yoshida, Kogushi, and Tokiwa campuses. Students benefit from the "ideal environment for study" in Yamaguchi Prefecture, which is renowned for its peaceful atmosphere, beautiful nature, and rich cultural heritage. Beyond its scenic surroundings, the university is a global leader in sustainability, having ranked 301–400th in the 2022 The University Impact Rankings, with particular excellence in goals such as "Zero Hunger" and "Life on Land."

To support a diverse and vibrant student body, the university provides exceptional facilities like FAVO, a hub for international interaction offering Halal-certified meals, and a dedicated International Student Center that serves as a one-stop support system for everyday life and language needs. With over 170 academic exchange agreements across 36 countries and regions, Yamaguchi University continues to foster a robust global network for education and research.

Features of the Graduate School

<https://www.yamaguchi-u.ac.jp/gsti/en/>

The Graduate School at Yamaguchi University offers a wide array of advanced programs designed to nurture high-level experts and researchers capable of responding to the needs of a modern, intelligent society. Our eight graduate schools, which range from Humanities and Economics to Medicine and Veterinary Medicine, emphasize interdisciplinary research and the creation of new value. To accommodate international students, several master's and doctoral courses are conducted entirely in English, including the Public Administration program in the Graduate School of Economics and various specialized courses within the Graduate School of Sciences and Technology for Innovation.

The university also takes pride in its innovative collaborative programs, such as the Joint Master's Degree Program in Agricultural and Life Sciences with Kasetsart University in Thailand and the Joint Graduate School of Veterinary Medicine with Kagoshima University. Students have the opportunity to engage in cutting-edge research at specialized centers focusing on global issues, including thermotolerant microbial resources, satellite remote sensing (YUCRAS), and regenerative medicine. Through these programs, the graduate school is dedicated to developing global leaders who can solve complex social problems through innovation and advanced technology.

Features of the Program

<http://www.civil.yamaguchi-u.ac.jp/EN/>

The Civil and Environmental Engineering program at Yamaguchi University is dedicated to developing high-level expert professionals who can address the complex challenges of the modern built environment. At the undergraduate level, the curriculum emphasizes "wedge-shaped education," which balances liberal arts with early introduction to specialized technical subjects and professional ethics. This foundation is further expanded in the graduate program, where students are trained to work internationally by mastering the ability to identify and solve critical issues, alongside honing their communication and presentation skills.

With a core mission to achieve a safe, secure, and sustainable society, the program is a key contributor to international "green innovation." Research and education within this division cover a broad spectrum, including civil engineering, environmental systems engineering, and architecture. By fostering a deep understanding of the technology required to construct comfortable and environmentally friendly spaces—ranging from individual homes and local communities to entire cities—the program prepares students to become global leaders capable of creating a more resilient and sustainable future.

Necessary Curriculum to Obtain the Degrees

Completion Requirements: Master's Program in Construction and Environmental Engineering

To be awarded a Master's degree from the Graduate School of Sciences and Technology for Innovation, students must fulfill the following academic and research criteria:

- **Degree Conferred:** Master of Engineering.
- **Standard Period of Study:** The program typically requires two years of full-time study.
- **Credit Requirements:** To complete the program, students must earn a total of at least 30 credits, including the designated credits for each course category and required courses.

List of faculty members capable of guiding JDS Fellows

<http://www.civil.yamaguchi-u.ac.jp/EN/>

1. Civil and Environmental Engineering

Position	Name	Research Theme
Professor	Yoshihisa Akamatsu	Natural environment and disaster prevention in river basin
Professor	Toshihiko Aso	Corrosion analysis and maintenance technique of steel bridges
Professor	Hiroyuki Sakakibara	Planning and management process of urban/regional Infrastructure
Professor	Shinichiro Nakashima	Sustainable, Disaster-resilient & Eco-friendly Road Structures
Professor	Yukio Nakata	Mechanical characteristics of geomaterial and numerical analysis for geotechnical engineering
Professor	Koichi Yamamoto	Technology development for the rich water environment and environmentally friendly city
Associate Professor	Norimasa Yoshimoto	Exploitation and effective use of resources in geotechnical engineering
Associate Professor	Rina Hasuike	Corrosion prevention and maintenance of steel bridges
Associate Professor	Yuji Yamada	Sophistication of production, construction and maintenance of concrete

2. Civil and Environmental Engineering International

Position	Name	Research Theme
Professor	Koji Asai	Hydraulics and its application for disaster prevention and environmental issues
Professor	Motoyuki Suzuki	Evaluation of geotechnical characteristics of ground subjected to rainfall and earthquake and their resistant design
Professor	Isamu Yoshitake	Design, construction and maintenance of composite structures using cementitious materials
Associate Professor	Md.Azizul Moqsud	Use of microbial power to solve the problems in Civil Engineering
Associate Professor	Ariyo Kanno	Photogrammetry, remote sensing and statistical analysis
Associate Professor	Haruna Suzuki	Regional and transportation planning based on attitude and behavior analysis
Associate Professor	Hiroyuki Hara	Characteristics and its evaluation of various geomaterials
Associate Professor	Hiroto Mori	Design, construction and maintenance of earth structures

Academic Schedule

https://ds0n.cc.yamaguchi-u.ac.jp/~kyoshi-c/wp-content/uploads/calendar/calendar_english_2026.pdf

Academic Calendar (Standard Timeline for October Enrollment)

Yamaguchi University operates on a two-semester system. While the exact dates vary slightly each academic year, the general timeline for international students enrolling in the Fall semester (October) is as follows:

- Fall Semester: From early October to early February
- Spring Break: From mid-February to early April
- Spring Semester: From early April to early August
- Summer Break: From mid-August to late September

For the most up-to-date and detailed official academic calendar, please visit the university website.

Facilities

The Tokiwa Campus in Ube City provides a specialized environment for engineering students, balancing cutting-edge research facilities with a supportive and inclusive community.

1. Accommodations: Comfortable and Affordable Living

Yamaguchi University offers diverse housing options to ensure a smooth transition to life in Japan.

- **Ube International House:** Located directly on the Tokiwa Campus, it provides 33 single rooms (approx. 11,200 yen/month), as well as couple and family units for international students and researchers.
- **On-Campus Dormitories:** Other convenient options include Tokiwa Dormitory C and Tokiwa Women's Dormitory.
- **Private Apartments:** For those preferring private living, many affordable apartments are available near the campus, with monthly rents typically ranging from 25,000 to 40,000 yen.

- **YU International Share House:** International students can also opt to live in furnished flats shared among three students, fostering cross-cultural friendships.

2. Engineering Library: An Eco-Friendly Hub for Learning

The Engineering Library is an essential space for study and interaction, featuring a unique "rose-colored brick" design that honors Ube's history as a coal-mining town. This modern, eco-friendly facility was recently renovated to include an IT lounge, group work areas, and a relaxed café atmosphere.

Students can study while enjoying the outdoors on the wood deck or access the university's vast collection of approximately 1.6 million books and 30,000 journals. During the semester, the library is open from 8:30 to 21:30 on weekdays to support intensive research.

3. Student Support & Campus Life

Life on the Tokiwa Campus is designed to be inclusive and enjoyable for a global student body:

- **Dining and Halal Support:** The Tokiwa Cafeteria, which seats 388 people, is famous for its Halal-certified menu, including dishes like Chicken Yellow Curry, Massaman Curry, and Halal oven-roasted chicken. The campus also offers a "One-coin Breakfast" service to help students start their day healthily.
- **Spiritual and Personal Support:** A dedicated Surau (Prayer Room) is available on campus to meet the spiritual needs of Muslim students. For everyday support, the International Student Office and a student tutor system provide comprehensive guidance on language and daily life in Japan.
- **Leisure and Interaction:** Students can recharge and socialize at the campus gymnasium and tennis courts, which are popular spots for gathering with friends.

Message for the Applicants

Welcome to the Graduate School of Sciences and Technology for Innovation at Yamaguchi University.

Our program is uniquely designed for future leaders and administrative officers who will shoulder the responsibility of national development. We do not just teach advanced engineering and disaster-prevention technologies; we train you to identify, analyze, and solve complex real-world challenges through practical and interdisciplinary approaches.

With our extensive experience in JICA projects and international collaborations—such as helping partner universities achieve top-tier national accreditations—we offer a highly supportive, world-class research environment. We look forward to welcoming you to our beautiful campus, where you will gain the expertise and global network necessary to construct a safer, more resilient, and sustainable future for your home country.