

Kyushu University, Japan

IGSES

Doctoral Program

Intellectual Exchange & Innovation Program

A fully-funded PhD in green technology & engineering sciences,
open to exceptional graduates from Southeast Asia.



PhD in 3 years

Program Duration



¥145,000/mo

MEXT Scholarship



English only

Medium of Instruction



Oct 2027

Next Enrollment

ABOUT THIS PROGRAM

A PhD program at the Interdisciplinary Graduate School of
Engineering Sciences (IGSES), Kyushu University.
Cultivating human resources for future innovation and serving
as a nucleus for positive Japan–Southeast Asia relations.

Eng.D · Sc.D · Ph.D

Green technology focus

English only

Interdisciplinary research

Zero tuition & enrollment fees

35%+

International Students

#6

University in Japan

1911

Founded

6 RESEARCH MAJORS

- 1 Science & Engineering of Materials & Devices
graphene · 2D materials · perovskite solar cells
superconductivity · green chemicals · nanomaterials
- 2 Chemistry & Materials Science
solid-state batteries · OLEDs · organic photovoltaics
photonic computing · AI for optics · biomedical chemistry
- 3 Device Science & Engineering
SiC/GaN power devices · semiconductor lasers · AR/VR
CO₂ reduction · biomaterials · optoelectronics
- 4 Plasma & Quantum Science & Engineering
fusion energy · plasma agriculture · plasma medicine
AI plasma control · space propulsion · tritium science
- 5 Mechanical & Systems Engineering
AI combustion · EV battery thermal · urban wind CFD
floating wind turbines · hybrid renewables · green buildings
- 6 Earth System Science & Technology
climate change · aerosol modelling · water nanotechnology
marine plastics · microbial fuel cells · ocean circulation



CAREER PROSPECTS

- Academic career in green technology**
A globally recognised PhD opens faculty & research roles
across Asia, Japan, and beyond.
- Japan industry links & internships**
Direct access to Japan's world-class tech companies
through IGSES industrial partnerships.
- Global research network**
IGSES alumni across 80+ countries.
Builds lasting international academic ties.
- Contribute to Vietnam's development**
Bring advanced green technology expertise home to
support Vietnam's industrial growth.

Kyushu University

Top 6 in Japan
Top 130 globally
Founded 1911

IGSES

35%+ intl students
1st interdisciplinary
eng. grad school

Fukuoka

Livable · affordable
Close to Vietnam
Welcoming community



Campus Video

Scan to explore
Chikushi Campus

Requirements & How to Apply

IEI Program · IGSES, Kyushu University · October 2027 Intake

Who Can Apply?

All conditions must be satisfied at the time of application.



Master's Degree

Bachelor's & master's
(or equiv.) by 30 Sep 2027



SEA Nationality

Diplomatic ties with Japan.
Vietnam: top priority nation



Age under 35

Born after 2 April 1992.
As of 1 April 2027



GPA ≥ 3.0 / 4.0

Both undergrad & graduate.
Equiv: 2.3 on a 3.0 scale



English ≥ B2-CEFR

All 4 skills. IELTS/TOEFL
/TOEIC after December 2024



No Military Duty

Active-duty military &
civilian staff may not apply



No Prior MEXT

No MEXT scholarship received
within the past three years



No External Funding

No government or org.
financial support permitted



No Overseas Fieldwork

All fieldwork must be
conducted within Japan



Arrive by 30 Sep 2027

Must arrive in Fukuoka
before 30 September 2027

Required Documents



#1 Application Form (Form D-1, 7 pages)



#2 Research Proposal (max 2 pages)



#3 Abstract of Master's Thesis (max 2 pages)



#4 Academic Transcripts — bachelor's & master's
Completion Certificates — undergrad & graduate studies



#5 English Test Certificate (IELTS/TOEFL/TOEIC)



#6 Passport Copy (photo & information page)



#7 Invitation Letter from an IGSES Supervisor



#8 Two Academic Referee Reports (Form D-8)

#1-#7: submit online. #8: email direct from referee.
Non-English documents must include certified translations.

Scholarship — D-a Category (MEXT · Southeast Asia Priority)

¥145,000

per month · 3 years guaranteed

Japanese Government (MEXT) Scholarship



Monthly Stipend

¥145,000 — living costs fully covered



Tuition & Fees

100% waived — no application or enrolment fee



Round-Trip Airfare

Economy class, home country ↔ Fukuoka



Vietnam — Top Priority

Vietnam is among 10 priority ASEAN nations

Language & Academic Credits



English-Medium Programme

All activities in English:
classes, research & thesis



Credits & Transfer

Min. 30 credits required.
Prior grad credits recognised



Degrees Awarded

Eng.D · Sc.D · Ph.D
Field determines degree title



Duration & Start

3 years · Starts 1 Oct 2027
Applications open 18 Aug 2026

Find a Supervisor

Scan to browse IGSES
faculty by research area.



Contact IGSES

Email
igsesadmissions@jimu.kyushu-u.ac.jp

Phone
+81-92-583-7920

Address
6-1 Kasugakoen, Kasuga,
Fukuoka 816-8580, Japan

Apply Online

Scan to access the
online application form.



17 Sep 2026

Application Deadline

18 Aug 2026

Applications Open