


Saitama University

Graduate School of Science and Engineering

Address: 255 Shimo-Okubo, Sakura-ku, Saitama-shi, Saitama, 338-8570 JAPAN

	Programme Name
	International Graduate Programme on Civil and Environmental Engineering
	Degree
	Master of Engineering
	Credits and years required to graduate
	30 Credits, 2 Years
	Prerequisite
	Undergraduate level academic knowledge of Civil Engineering
	Math Exam
	Required
	Acceptance Quota
2 students per batch	

Web Links

- University
<http://en.saitama-u.ac.jp/>
- Graduate School
<http://www.saitama-u.ac.jp/rikogaku/indexen.html>
- Courses
<http://intl.civil.saitama-u.ac.jp/>
- List of Courses
<http://intl.civil.saitama-u.ac.jp/list-of-courses>
- International Student Support
<http://intl.civil.saitama-u.ac.jp/life-in-japan>
- Housing
<http://en.saitama-u.ac.jp/studentlife/accommodation-for-international-students/>

Features of the University

Saitama University is a reputable national university for higher education and research in Japan. The university consists of five faculties: Faculty of Liberal Arts, Faculty of Education, Faculty of Economics, Faculty of Science, and Faculty of Engineering. There are three graduate schools in the university: Graduate School of Humanities and Social Science, Graduate School of Education, and Graduate School of Science and Engineering. Total number of full-time students as of May 2019 was 8,457 students, among which the number of undergraduate students was 6,859 and the number of graduate students (master's and doctoral courses) was

1,598. Saitama University is located in a quiet suburban area of Saitama City, the capital of Saitama Prefecture. Saitama City is located 30 kilometres north of metropolitan Tokyo. Access to central Tokyo takes about an hour from the university by East Japan Railway and is very convenient. This enables residents of the university to access many libraries and research facilities in the Tokyo area.

Features of the Graduate School

Building on the basic education provided at the undergraduate level in respective fields of specialization, the master's programme gives students an advanced specialized education that aims to impart broadly related knowledge that not only focuses on each field of specialization, but spans the spectrum from basic to applied knowledge. This approach produces graduates who are equipped with the foundations for growing into creative, international-level researchers and advanced, specialized professionals who will be able to play a leading role in today's international knowledge-oriented society.

Feature of the Programme

The International Graduate Programme on Civil and Environmental Engineering offers Master Engineering Degrees in a broad range of civil and environmental engineering fields.

To qualify for the conferment of a Master of Engineering Degree, students must satisfy the following requirements:

- The standard period of full-time attendance to fulfil the requirement of the degree is two years. In exceptional cases, the degree may be conferred after studying for one year, as the minimum period, having fulfilled other requirements.
- A minimum of 30 credits beyond the bachelor's degree is required, including 10 credits awarded for a thesis.
- A thesis based on the research carried out under the supervision of a thesis adviser must be completed and satisfactorily presented.

Our faculty members are engaged in a wide range of research in the field of civil and environmental engineering. Major research topics include, but are not limited to, geotechnology for disaster prevention, earthquake engineering and earthquake disaster mitigation engineering, structures and mechanics, concrete structures, strengthening and rehabilitation of civil infrastructures, planning and design of transportation infrastructures, environmental engineering, and ecological engineering.

Faculty

List of faculty members who can take JDS fellows under their supervision

Professors	Research Fields		
Jiro Kuwano	Geotechnical Engineering		
Ken Kawamoto	Geoenvironmental Engineering		
Masahiko Osada	Rock Engineering, Earth Science		
Masato Saitoh	Earthquake Engineering, Earthquake Disaster Prevention		
Takeshi Maki	Concrete Engineering, Bridge Engineering, Construction Materials		
Yoshiaki Okui	Structural Engineering, Composite Structures, Bridge Engineering		
Yasunao Matsumoto	Structural Engineering, Environmental Vibration		
Norio Takana	River Engineering, Disaster Prevention, Ecology and Environmental Preservation		
Hisashi Kubota	Urban Transportation Planning		
Associate Professors		Assistant Professors	
Chiaki Oguchi	Shingo Asamoto	Ji Dang	Adnan Anwar Malik
Taro Uchimura	Junji Yagisawa	Yao Luan	Yota Togashi
Hidenori Mogi	Aya Kojima	Takeshi Saitoh	Kato Teppei
Hisashi Taniyama		Chandra Shekhar Goit	

Courses

List of courses that can be taken by JDS fellows

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| <ul style="list-style-type: none"> • Advanced Analysis of Vibrations and Waves • Advanced Course in Aquatic Ecology • Advanced Course in Technical English III • Advanced Course in Transportation System • Advanced Geoenvironmental Engineering • Advanced Internship • Advanced Lectures on Construction Materials • Advanced Lectures on Strong Motion • Advanced Nonlinear Structural Analysis • Advanced Reinforced Concrete Engineering • Advanced Research I on Civil and • Environmental Engineering • Advanced Research II on Civil and • Environmental Engineering • Advanced Theory on Earthquake Engineering • Bridge Design • Climate and Society | <ul style="list-style-type: none"> • Construction Management • Environmental Symbiosis and Ethics • Environmental Vibration and Noise • Finite Element Analysis • Geoenvironmental Engineering • Geosphere System Engineering • Geotechnical Earthquake Engineering • International Communication • Landscape Planning and Design • Mechanics of Geomaterials • Mechanics of Geostuctures • Numerical Analysis on Hydraulic Environment • Practical Structural Dynamics Simulation • Project Based Learning of Hydraulic Engineering • Rock Weathering and Geomorphological Processes • Special Lecture on Infrastructure III • Structural Dynamics and Control |
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