


University of Tsukuba

Graduate School of Science and Technology

Address: 1 Chome 1-1 Tennodai, Tsukuba, Ibaraki, 305-8577, JAPAN

	Program Name
	Environmental Sciences / SUSTEP
	Degrees
	Master of Science in Environmental Sciences
	Credits and years required to graduate
	30 Credits, 2 Years
	Math Exam
	Required
	Acceptance Quota
	1 student per batch

Web Links

- University:
<https://www.tsukuba.ac.jp/en/>
- Graduate School:
<https://www.tsukuba.ac.jp/en/academics/g-list-gsst/>
- Course/Programme:
<https://www.envr.tsukuba.ac.jp/eng/>
- Facility:
<https://www.tsukuba.ac.jp/campuslife/students-guidebook-en.pdf>
- International Student Support:
<https://www.tsukuba.ac.jp/en/campuslife/support-international/>

Features of the University

The University of Tsukuba was established in 1973 with an aim to enable an open and new system of education and research in Japan. It has two campuses: the main campus is in Tsukuba and the other one is in Tokyo.

The main campus is located at the heart of Tsukuba Science City, sixty kilometres northeast of Tokyo.

It takes less than an hour by train from Tokyo. The city boasts a unique history. Back in the 1960s, the national government set forth a project to build a hub for scientific research. This prompted many national research institutions to relocate from Tokyo to Tsukuba. Now, the city is home to 29 of Japan's leading national and other research and educational institutions. Approximately 20,000 people from the public and private sectors work at research institutions located in the city.

Features of the Graduate School

The Graduate School of Science and Technology was established in Academic Year (AY) 2020 with the purpose of engaging in multi-faceted education and research, from the fundamentals to applications, on a wide range of issues related to the mathematical and natural sciences, information literacy, and social technology. In accordance with the AY2020 organizational restructuring of the University's graduate schools, three schools under the previous system—the Graduate School of Pure and Applied Sciences, the Graduate School of Systems and Information Engineering, and the Graduate School of Life and Environmental Sciences—were taken as the basis for the formation of three degree programs, namely, the Degree Programs in Pure and Applied Sciences, the Degree Programs in Systems and Information Engineering, and the Degree Programs in Life and Earth Sciences. Under the previous system, fields such as science, engineering, information literacy, biotechnology, and AI were dispersed; joining them under one Graduate School has enabled smoother interactions between various fields, facilitated students' acquisition of shared scientific common practice and more efficient learning of fundamental and specialized knowledge, and created a multi-faceted educational system capable of flexibly responding to social developments. This restructured system allows students to take classes in related fields beyond their degree program and to engage with similarly wide-ranging internships and research guidance (sub-supervision), thereby achieving the development of human resources who can

contribute to the rapid development of science and technology.

Features of the Program

The University of Tsukuba aims to establish free exchange and close relationships in both basic and applied sciences with educational and research organizations and academic communities in Japan and overseas. While developing these relationships, we intend to pursue education and research to cultivate men and women with creative intelligence and rich human qualities.

The University of Tsukuba endeavors to contribute to the progress of science and culture. Formerly, Japanese universities tended to remain cloistered in their own narrow, specialized fields, creating polarization, stagnation in education and research and alienation from their communities.

The University of Tsukuba has decided to function as university which is open to all within and outside of Japan. Toward this end, the university has made it its goal to develop an organization better suiting the functions and administration with a new concept of education and research highly international in character, rich in diversity and flexibility and capable of dealing sensitively with the changes occurring in contemporary society.

To realize this, it has invested in its staff and administrative authorities the powers necessary to carry out these responsibilities.

Curriculum

List of Courses:

<https://www.sie.tsukuba.ac.jp/eng/visitor/student/course-list>

List of faculty members:

<https://program.chem.tsukuba.ac.jp/faculty/?lang=en>

Student Support System

The University of Tsukuba Support Association for International Students supplies an aid, within the budget, for those who wish to receive a support because of an accidental death of international students of the University of Tsukuba or for other reasons.

A total of 67 residences with about 3,800 rooms are located in Ichinoya, Hirasuna, Oikoshi and Kasuga Area. The residence halls are the largest of any national university in Japan, with 3,821 rooms spread across four areas. In recent years, the older buildings were closed and Global Village was established to encourage the internationalization of the campus.

International student advisors, academic advisors are available to advise students on any problems.

Newly arrived international students can be assisted in their academic and daily life by Japanese students who are assigned as personal tutors. The role of tutors is mainly to aid foreign students in Japanese and everyday life "guidance" (campus guide, help with applications, shopping, and apartment searching). International students are encouraged to make constructive use of this system to get used to Japanese life at the university.