

## Human Sciences International Undergraduate Degree Program

School of Human Sciences  
Bachelor's degree

The Human Sciences International Undergraduate Degree Program is an innovative program that enables students to study in one of three focuses: Diversity and Inclusion Studies, Japan Studies, and Political and Global Studies. The program features highly interactive and innovative teaching with students having close contact with international professors across a wide range of human science disciplines. The program aims to cultivate internationally aware graduates able to think and act effectively both locally and globally.

URL / <http://osku.jp/c0188>



HUS students in a seminar

## Sustainable Economy Program

Graduate School of Economics  
Master's degree / Ph.D.

The Sustainable Economy Program is designed for English-speaking students to foster global doctoral candidates who will contribute to sustainable economies in anticipation of advancing to doctoral programs. The program provides training for researchers and advanced professionals based on cutting-edge research in economics. Therefore, students with both English proficiency and an advanced knowledge in mathematics and/or economics are particularly welcome.

\*There are prescribed conditions for master's students to be admitted to the doctoral program without examination. For details, please see the website below.

URL / <http://osku.jp/a0177>



Lecture with active discussion

## Special Integrated Science Course

Graduate School of Science  
Master's degree / Ph.D.

The Special Integrated Science Course (SISC) combines aspects of three majors—chemistry, biological sciences and macromolecular science—and involves research and education in fields where chemistry merges with biology. Aiming to have a broad-based vision, this course cultivates the capabilities, such as the ability to conduct research using advanced analytical skills, required to become a leader in natural science fields and also places strong emphasis on cultivating interdisciplinary knowledge and international communication skills.

URL / <http://osku.jp/i0812>



Research work using data

## International Physics Course

Graduate School of Science  
Master's degree / Ph.D.

In this course, we provide graduate students with an education and research program conducted in English and designed so that a student can work as an active member of international collaborations in theory or experiment with large-scale facilities. Osaka University is unique in that it has its own facilities including a high-power laser and a high-energy accelerator. Students interested in condensed matter physics and other fields of physics are of course also encouraged to join the International Physics Course (IPC).

URL / <http://osku.jp/r0703>



IPC students with a guest lecturer



## Biotechnology Global Human Resource Development Program for Industry-University Co-Creation

Graduate School of Engineering  
Master's degree / Ph.D.

This is a two year master's degree program and a three year doctoral degree program. Each program aims to expose young scientists to state-of-the-art research, including activities for industry-university co-creation, and in-depth knowledge of its advanced biotechnology to harness the potential in industry. After receiving a master's degree, motivated students may be allowed to proceed to the Ph.D. course.

URL / <http://osku.jp/d0562>



Biotechnology experiments in a laboratory

## Chemical Science Course

Graduate School of Engineering  
Master's degree / Ph.D.

The Chemical Science Course (CSC) broadly covers all aspects of "Chemistry," the center of science, and is intended for postgraduate students who are candidates for both master's and doctoral degrees. Chemistry provides a broad spectrum of information and is an indispensable basis that underlies our society. Advisors can tailor the course requirements to best prepare each student for their chosen field of research.

URL / <http://osku.jp/d0052>



CSC students from various countries

## International Priority Graduate Program on Applied and Engineering Physics

Graduate School of Engineering  
Master's degree / Ph.D.

The objective of this program is to equip a new generation of young scientists with fundamental knowledge and cutting-edge research skills in Applied and Engineering Physics. By elucidating the fundamental physical, chemical, and biological properties of materials and designing materials with novel functions, we open a new way to the development of nanotechnology, photon technology, and biomedical engineering. We also aim to develop and produce international collaboration through the creation of an intellectual human resources network. Furthermore, by utilizing interdisciplinary organizations and international networks, we contribute to other socially important fields such as new industries, the environment, and energy issues.

URL / <http://osku.jp/k0248>



Professors and students having an interactive scientific discussion

## International Program of Mechanical Engineering

Graduate School of Engineering  
Master's degree / Ph.D.

The aim of this program is to educate students to become scientists and engineers of the new generation with basic knowledge and state-of-the-art research skills necessary for mechanical engineering and its related fields. Students will conduct special research under the supervision and instruction of their professors in the Division of Mechanical Engineering that consists of four education and research areas: Complex Mechanics, Thermo and Fluid Dynamics, Design and Integration, and Control and Intelligence. Aspiring students in the master's program will be encouraged to proceed to the doctoral program.

URL / <http://osku.jp/v0592>



A variety of research topics



## International Program of Materials and Manufacturing Science

Graduate School of Engineering  
Master's degree / Ph.D.

The aim of this program is to educate international students to become scientists or engineers with basic knowledge and cutting-edge research skills related to materials and manufacturing science, which covers the fundamental physical and chemical properties of materials, development of new structural/functional materials, their processing and recycling; and advanced design/manufacturing systems that respond to various social requirements.

URL / <http://osku.jp/a0484>



Lecture by a visiting professor from the US

## Global Science and Engineering Course on Electrical, Electronic and Infocommunications Engineering

Graduate School of Engineering  
Master's degree

The Global Science and Engineering Course on Electric, Electronic and Information Technology aims to educate students to become scientists and engineers with fundamental knowledge and state-of-the-art research skills necessary for electronics, networking, nanotechnology, and electric power/energy. Through this program, the Graduate School of Engineering seeks to channel the knowledge produced at the university into industry, transgress the boundaries of traditional research, and pioneer new technology with direct social applications.

URL / <http://osku.jp/d0587>



Hanami party with Laboratory members in Suita Campus

## International Program of Sustainable Energy and Environmental Engineering

Graduate School of Engineering  
Master's degree / Ph.D.

The program aims to educate students to become scientists/engineers with basic knowledge and cutting-edge research skills related to the sustainability of the local/global environment and energy and resource systems. Students will establish a fundamental basis through coursework and by carrying out creative scientific research projects.

URL / <http://osku.jp/w0882>



Research in the International Program of Sustainable Energy and Environmental Engineering

## International Program of Maritime and Urban Engineering

Graduate School of Engineering  
Master's degree / Ph.D.

The program aims to nurture young scientists who will be able to lead the new academic fields of maritime and urban engineering. The research areas include the prevention of natural and urban disasters, protection of marine and urban environments, development of renewable energy and energy-saving technologies, development of efficient transportation systems, and the synthesized design of space, ocean and land. Students will be able to establish a solid basis of the relevant areas through coursework, various seminars, internships, research forums and by carrying out research projects. All lectures and instructions are given in English.

URL / <http://osku.jp/y0774>



International students studying in a classroom



## Special Program of "Engineering Science 21st Century"

Graduate School of Engineering Science  
Master's degree / Ph.D.

The "Engineering Science 21st Century" Program offers a course for trans- and multidisciplinary research and education among emerging specialized areas of science and technology such as materials science, chemical engineering, chemistry, materials physics and nanotechnology; mechanical science/engineering, nonlinear mechanics, mechatronics, bio-mechanics/physics and biomedical engineering; and system innovation including optoelectronics, systems science and applied information, robotics, and mathematical science.

URL / <http://osku.jp/a0268>



Welcome party for international students

## Information Technology Special Course in English

Graduate School of Information Science and Technology  
Master's degree / Ph.D.

The Information Technology Special Course in English covers a wide range of information science and related fields such as hardware, software and human-ware for information and network technologies. This program is a cross-departmental 5-year doctoral course program, which is promoted by the graduate school. We welcome students with particular interests in information science and technology who wish to make contributions to the advanced information society of the 21st century.

URL / <http://osku.jp/b0988>



Research discussion with students and faculty members

## Non-Degree Programs for Exchange Students

Osaka University has academic exchange agreements with a large number of universities in other countries and regions and accepts exchange students from those universities on a regular basis. The following non-degree seeking programs are tailored for exchange students from partner universities.

### OUSSEP (Osaka University Short-term Student Exchange Program)

OUSSEP provides liberal arts subjects to international students in English. Students may take elective Japanese classes and also an Independent Study Course. Students have the choice of participating in the program for two semesters (a full-year OUSSEP) or one semester only (a half-year OUSSEP).

### FrontierLab@OsakaU

FrontierLab@OsakaU is a program designed to cultivate creative competencies in students by offering a wide range of potential research directions and emphasizing hands-on laboratory experience. It is specifically created for international students seeking a challenging, short-term upgrade of vital research and analytical skills both at the undergraduate and graduate levels.

For the information on the exchange programs taught in Japanese or focused on language study, please refer to our website.

URL / <http://osku.jp/x0808>

