



G30 International Programs



Studying at Osaka University guarantees you a full and rich experience.

Osaka University



One of the Top Universities in the World with Cutting-edge Research

In the QS World University Rankings 2012, Osaka University was ranked 50th worldwide and 11th in Asia. With an eye to the future, Osaka University carries out cutting-edge research and education while utilizing some of the most advanced equipment available.



Outstanding Academic Staff, plus a Wide Variety of Schools and Graduate Schools

Osaka University hires internationally-renowned professors. Students are able to receive direct guidance from this wide pool of talent available. Osaka University is recognized as one of the leading research universities in Japan, and comprises of 3 campuses, 11 schools, 16 graduate schools, 5 research institutes, 2 hospitals, 4 libraries and 24 joint-use facilities. Currently, 24,000 students are studying at Osaka University.

Generous Support for International Students

The Support Office offers comprehensive assistance for international students both before and after their arrival in Japan. The Office offers assistance on visa procedures, searching for accommodation, and other necessary post-arrival procedures. Through these activities, the Office aims to make life easier and more comfortable for international students. This allows students to concentrate fully on their academic activities throughout the duration of their stay in Japan.



A Comfortable Environment



Osaka University is located in the affluent northern part of Osaka, surrounded by a rich, green environment. International students can enjoy studying in a calm and safe atmosphere with downtown Osaka just a short train ride away. The Expo '70 Commemorative Park is located near the Suita campus. This Park has various cultural facilities, such as the National Museum of Ethnology, where international students can learn more about Japanese and other cultures.

About Osaka

A Unique Food Culture and the Birthplace of Traditional Performing Arts



Since pre-modern times, Osaka has been a major commercial center, and has developed a unique and varied food culture. Tako-yaki and Okonomi-yaki are among the most popular local dishes in Osaka. The city is also the birthplace of the instant noodle.

The traditional Japanese performing art Bunraku, a puppet show, and stand-up comedy shows known as Manzai also originated in Osaka. We are confident that international students will be able to feel the warm welcome of the local people.

In the Economist Intelligence Unit's Global Liveability Report, Osaka ranked 12th: the highest ranked city in Asia.



Human Sciences All-English Undergraduate Degree Program

Course Concept

The Human Sciences All-English Undergraduate Degree Program offers two integrated majors: The Global Citizenship Major and the Contemporary Japan Major. The purpose of these courses is to cultivate internationally aware individuals who can think and act both locally and globally.

The Global Citizenship Major provides the knowledge, skills and mindsets for critical engagement and reflection on global issues. Students in the Contemporary Japan Major will study Japan through the lens of human sciences. Moreover, students are encouraged to acquire a high level of Japanese language proficiency sufficient to take elective courses offered in Japanese.

Curriculum

During the first three semesters, students will follow a shared liberal arts curriculum where they will acquire the necessary critical thinking, academic writing, computer literacy, and research skills for more advanced study.

From the fourth semester, students will take core courses in their chosen major in order to move on to more advanced study in years three and four. At this stage of their study, students will learn about how to conduct research.



Small size class



Discussion with supervisor

First Year		Second Year		Third Year		Fourth Year	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Liberal Arts Curriculum (Foundation Courses) + Core Courses + Electives				Global Citizenship [major]			
				Contemporary Japan [major]			
Japanese Language Study							

Foundation Courses

Academic Writing I&II; Data Processing Skills; Critical Thinking Skills; Statistics for Social Research; Qualitative Research Methods; Quantitative Research Methods; Presentation Skills; Psychology of Information Processing; Peace and Conflict Studies.

Core Courses

Sociology I&II; Anthropology I&II; Economics I&II; Human Rights I&II; Politics I&II; International Education; Global Citizenship; Gender Studies; Contemporary Japan; Japan in the World; Japanese History I&II; Japanese Law.

Electives

Introduction to Social Psychology; Cross-Cultural Psychology; Self, Identity, and Society; Media Sociology; Media and Communications; Popular Culture; Cultural Icons in Manga and Anime; Introduction to International Relations; Introduction to International Organization; Introduction to Sociology of Marriage and the Family; Introduction to Civil Society Movements.

Admission

To gain admission to Osaka University, applicants should have successfully completed or expect to complete a 12-year or equivalent program of general education, and also demonstrate that they are academically prepared to study at a high level, for example through an exemplary GPA.

Contact

Osaka University International College Office

Address: 1-30 Machikaneyama-cho, Toyonaka, Osaka 560-0043 JAPAN

E-mail: intcollege-ina@ml.office.osaka-u.ac.jp

URL: <http://g30.hus.osaka-u.ac.jp/>

Chemistry-Biology Combined Major Program (CBCMP)

Course Concept

The Chemistry-Biology Combined Major Program (CBCMP) is an innovative undergraduate program jointly offered by the School of Science, the School of Engineering and the School of Engineering Science.

The aim of this program is to offer both fundamental knowledge and research skills; students also have access to world-class facilities for interdisciplinary research between both chemistry and biology.

Curriculum

Students enrolled in this program will simultaneously study advanced biology and chemistry concepts. Two and a half years after admission, students will be formally assigned to one of five departments in the School of Science, the School of Engineering, or the School of Engineering Science. Allocations are made on the basis of study plans and suitability. Students will eventually graduate from a research laboratory in that school.

CBCMP provides an intensive Japanese Language Program for international students. An international student will experience both multi-cultural and intercultural communications, and also develop an understanding of the host society and culture.

CURRICULUM	
Year 1, 2 and 3 (first half) Solid grounding in chemistry and biology Intensive Japanese language classes General education (liberal arts and study skills)	Year 3 (second half) and 4 Advanced topics Laboratory work Courses taught in Japanese



Fieldwork at Marine Biological Laboratory



Course work using computer

Chemistry Courses

- Introductory Chemistry
- Basic Chemistry Experiments
- Organic Chemistry
- Physical Chemistry
- Inorganic & Analytical Chemistry
- Chemistry Experiments

Biology Courses

- Introductory Biology
- Basic Biology Experiments
- Marine Biology Field Work
- Bioinformatics
- Biochemistry Courses
- Cell Biology
- Biology Experiments

Physics Courses

- Introductory Physics
- Basic Physics Experiments
- Advanced Physics

Mathematics Courses

- Mathematics 1-3

Other Courses

- Information Literacy
- Basic Seminars
- Introductory Statistics
- Undergraduate Research/Individual Study

Admission

Applicants have to complete a standard 12-year school education curriculum or pass an examination which certifies scholastic ability equivalent to a person who has completed a standard 12-year school education curriculum.

Contact

Osaka University International College Office

Address: 1-30 Machikaneyama-cho, Toyonaka,

Osaka 560-0043 JAPAN

E-mail: intcollege-ina@ml.office.osaka-u.ac.jp

URL: <http://www.icou.osaka-u.ac.jp/cbcmp/>

Special Integrated Science Course

Course Concept

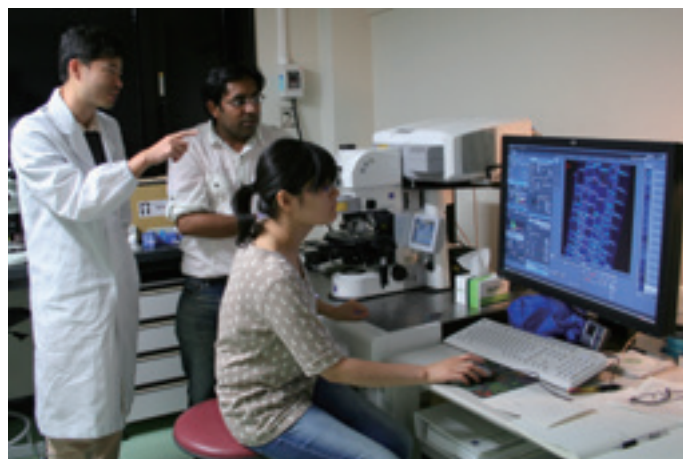
The Special Integrated Science Course combines aspects of three majors—chemistry, biology, and macromolecular science—and also involves research and education in fields where chemistry merges with biology.

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 to develop a broad-based vision. Moreover, we place strong emphasis on cultivating interdisciplinary knowledge and international communication skills.

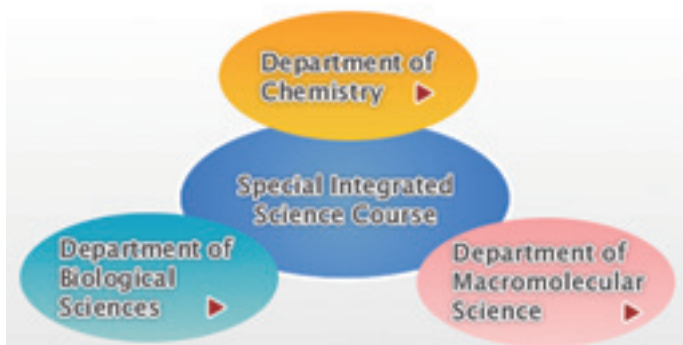
Curriculum

The curriculum comprises course work and research work. Course work includes basic and advanced level lectures about chemistry, biology and macromolecular science as well as interactive seminars. Students have to undertake experimental work in the laboratory as research work.

Master course students must earn 30 credits within 2 years to complete the course. Doctor course students must earn 11 credits within 3 years, allowing them to concentrate on their research work.



Research work using data



Subject List in Master Course

Course work : 12 credits

- Basic Chemistry
- Basic Biology
- Basic Macromolecular Science
- Advanced Macromolecular Science
- Analytical Separation Chemistry
- Biological Science
- Biomolecular Chemistry
- Chemistry on Catalysis
- Organic Biochemistry
- Quantum Chemistry
- Physical Organic Chemistry
- Structural Organic Chemistry
- Advanced Chemical Experiment
- Current Topics
- Interactive Seminar

Research work : 18 credits

- Semestral Seminar (Experimental work in Lab.)

Subject List in Doctor Course

Course work : 2 credits

- Current Topics
- Interactive Seminar for Advanced Research

Research work : 9 credits

- Seminar for Advanced Researches (Experimental work in Lab.)

Admission

This program encompasses both master and doctor courses and students may be enrolled in the departments of Chemistry, Biological Sciences, or Macromolecular Science. Students are expected to complete the courses sequentially in order to obtain both master's and doctor's degrees.

Contact

Office of Graduate Admission - Special Integrated Science Course

Address: Graduate School of Science, Osaka University,
1-1 Machikaneyama-cho, Toyonaka,
Osaka 560-0043 JAPAN

E-mail: sisadmis@chem.sci.osaka-u.ac.jp

URL: <http://www.bio.sci.osaka-u.ac.jp/global30/SISC/>

International Physics Course (IPC)

Course Concept

The International Physics Course (IPC) provides graduate students with education and research programs conducted in English. This course is designed to allow students to work as active members of international collaborations in theory and/or experiment.

The IPC has 31 groups which are led by full professors covering research in particle and nuclear physics, astrophysics, plasma physics, a variety of condensed matter physics, statistical and inter-disciplinary physics.

Curriculum

The curriculum is composed of lecture-style learning and of research activities in one's group of choice. All master students are required to take "IPC Minimum" lectures consisting of eight advanced subjects using world-famous textbooks. The lectures are given in English. For details, see the IPC's website. All graduate students belong to their research laboratories and start to complete their master's thesis within two years or doctoral dissertation within three years.

Subject List in Master Course

Language Courses

- Japanese Language I&II

IPC Original Courses (IPC Minimum)

- Electrodynamics
- Condensed Matter Theory II
- Fluid and Plasma Physics
- Quantum Mechanics
- Field Theory
- Nuclear and Particle Physics
- General Relativity
- Mathematics for Physics

Standard Courses of the Graduate School

- Optical Properties of Matter
- Quantum Field Theory II
- Solid State Theory I
- Quantum Many-Body Systems

Seminar on a Wide Range of Physics

Seminar for Master Thesis Research

Subject List in Doctor Course

Topical Seminar

Seminar for PhD Thesis Research



Students enrolled in master course at AY2010 with faculty



Special lecture on non-equilibrium statistical physics

Admission

The IPC ordinarily admits only those applicants who have completed or going to earn an undergraduate degree in physics or the equivalent. The graduate program in physics at the IPC is designed for those intending to pursue research leading to a Ph.D. The entrance examination for the IPC master and doctor courses will be held. The applicants who pass the entrance examination will be interviewed.

Contact

Office of International Physics Course

Address: c/o ILE, Osaka University, 2-6 Yamadaoka, Suita, Osaka 565-0871 JAPAN

E-mail: IPCoffice@ile.osaka-u.ac.jp

URL: <http://www.rcnp.osaka-u.ac.jp/~IPC/>

Short-term Non-degree Programs in English for Exchange Students

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 (one or two semesters) and graduate level (three months to one year).
URL: http://www.osaka-u.ac.jp/en/international/inbound/exchange_program/frontierlab

OUSSEP (Osaka University Short-term Student Exchange Program)

provides liberal arts subjects to international students in English. Students may take elective Japanese classes and also Independent Study Course. Students have the choice of participating in the program for two semesters (Full-year OUSSEP) or one semester only (Half-year OUSSEP).
URL: <http://ex.isc.osaka-u.ac.jp/oussep/index.html>



Maple is best for students majoring, double majoring or minoring in the Japanese language and culture. The Maple Program is a one-year program specifically designed to help students improve their Japanese language skills and enhance their knowledge of Japanese culture and society. A Japanese language proficiency equivalent to Level N4 JLPT is necessary to apply.

URL: <http://www.cjlc.osaka-u.ac.jp/program/m/>

iExPO (immersion Exchange Program Osaka)

In the iExPO, schools and graduate schools at Osaka University accept international students. Students are able to freely choose classes from courses there and conduct research under the guidance of a teacher. However, international students in this program are required to have a good level of fluency in Japanese language in order to take classes for regular students. Students joining this program can take classes or receive research guidance at the school or graduate school as special auditors or research students without a change in their status at their home university.

URL: http://www.osaka-u.ac.jp/en/international/inbound/exchange_program/iexpo

Other Degree Programs in English

Frontier Biotechnology is a five-year program for master's and doctor's degrees which aims to expose young scientists to state-of-the-art research and in-depth knowledge of advanced biology, chemistry and physics to harness the potential of biotechnology. This program is also for students having completed the Chemistry-Biology Combined Major Program.

http://www.bio.eng.osaka-u.ac.jp/fb_inter_prog.html

Engineering Science promotes trans- and multi-disciplinary topmost research and education as "Engineering Science 21st Century" Program among emerging specialized areas of science and technology such as materials engineering science, nanotechnology, mechanical science and bioengineering, and system innovation including opto-electronics, system science and applied information, robotics, and mathematical science.

<http://www.es.osaka-u.ac.jp/en/programs/admissions.html>

Maritime and Urban Engineering

The Graduate School of Engineering, Osaka University, offers an international course using English as the language of instruction toward advanced degrees in Maritime and Urban Engineering. The aim of this course is to educate a new generation of young scientists with fundamental knowledge and state-of-the-art research skills in this area to realize safer and more efficient construction, infrastructure and transport system with cleaner environment.

<http://www.ga.eng.osaka-u.ac.jp/english>

Quantum Engineering Design Course

provides students with up-to-date and world-class research techniques to advance Quantum Engineering Design in response to global, technological and environmental challenges. The core divisions are "frontier mathematical methods," "elucidation of emergent material function" and "realization of new generation functional materials."

<http://www.dyn.ap.eng.osaka-u.ac.jp/QEDC/index.html>

Support Office

for International Students and Scholars

The Support Office assists international students and scholars with their requirements as foreigners in Japan. The Office provides both pre-arrival and daily support.

Pre-arrival Supports

• Visa Procedures

The Office takes care of the application procedure for the Certificate of Eligibility for Status of Residence (CESR) at the Japanese Immigration Bureau.

• Housing

The Office assists international students and scholars in finding accommodation before and after their arrival in Japan.

Daily Supports

• Orientation (every month)

International students can obtain useful information about living in Japan, including the residency management system, National Health Insurance, and bank accounts.

• GCN Osaka

GCN is an online community for international students and scholars at Osaka University.

Contact

Support Office for International Students and Scholars

Address: 1-1 Yamadaoka, Suita, Osaka 565-0871 JAPAN

Tel: +81-6-6879-4750 (Visa / Other)

+81-6-6879-4748 (Housing / GCN)

E-mail: supportoffice@office.osaka-u.ac.jp

URL: <https://iss-intl.osaka-u.ac.jp/supportoffice/>

Overseas Centers

San Francisco Center (USA)

URL: <http://www.osaka-u-sf.org/en/>

Groningen Center (The Netherlands)

URL: <http://www.osaka-u-groningen.org/en/>

Bangkok Center (Thailand)

URL: <http://www.osaka-u-bangkok.org/Eng/>

Shanghai Center (China)

URL: <http://www.shanghai-center.osaka-u.ac.jp/c/index.html>

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