

International Exchange

To prepare the students for operating in a “global” society, and make “internationalization” an essential component of daily life, we at the Graduate School of Science and the School of Science, are actively promoting a mode of study that involves: (1) The opportunity to mix inside and outside class with classmates from as wide a variety as possible of national or cultural backgrounds; (2) Daily use of more than one language; (3) A curriculum that gives insight into how to examine society (and oneself) from various angles international exchange; and (4) A curriculum that develops awareness of the problems society faces, and equips students to tackle the problems rationally and confidently. In the pursuit of academic excellence, world cooperation, and the university motto “Live Locally, Grow Globally”, apart from carrying out international collaborative researches, and the academic exchange of researchers, we also have active undergraduate and graduate-level exchange programs with prestigious universities all over the world. These exchange programs are aimed at broadening the students' awareness of the complex issues surrounding this new international/global era in which we live, perfect their language skills and gain knowledge of the political, social, and economic issues that the world faces today. Furthermore, experiences gained from these exchange programs would equip the students to become better leaders who welcome challenges and challenge the status quo.

Admission into the School of Science

I. For Entry into the School of Science

1. For Japanese Government funded Students (MEXT-funded Scholars/Students)

Recruitment is carried out through overseas Japanese embassies and education ministries in each country and universities. The recruitment method/period varies from country to country. Applicants are selected through document reviews, interviews, and written tests conducted at the Japanese embassies. Successful candidates are provided with six months or one year preparatory training in Japan, after which they are enrolled in a university chosen by the selection committee of the Ministry of Education, Culture, Sports, Science, and Technology (MEXT). For more details, please inquire at your corresponding government ministry (e.g., ministry of education) or the Japanese embassy or consulate in your country.

(cf. http://www.mofa.go.jp/about/emb_cons/mofaserv.html)

2. For Privately funded Students (non-MEXT-funded Scholars/Students)

- (1) The same selection procedure as of Japanese students applies

In this two-step procedure, one must first take the “National Center for University Entrance Examination (NCUEE) [Daigaku-Nyushi-Center-Shiken]”; those who pass then take a second entrance exam administered by the university.

For inquiries:

NCUEE: Write to the Center at 2-19-23 Komaba, Meguro, Tokyo 153-8501, Japan, or call them at +81-3-3465-8600.

Second exam: Write to the Admission Division, Osaka University, 1-1 Yamadaoka, Suita, Osaka 565-0871, Japan or call +81-6-6879-7097.

- (2) Special Selection Procedure for Graduates of Overseas High Schools (Foreigners who do not have permanent visa status) Selection is conducted on the basis of document reviews, scores on the Examination for Japanese University Admission for International Students (EJU) and TOEFL, an essay, and an interview. For inquiries:

EJU exam: cf., http://www.jasso.go.jp/eju/index_e.html “Special Class-1 Screening Test” (for foreign students with non-permanent visa status): Write to the Admission Division, Osaka University, 1-1 Yamadaoka, Suita, Osaka 565-0871, Japan or call +81-6-6879-7097.

3. Special Entrance Examination for International Undergraduate Program in Science

The School of Science will hold the Special Entrance Examination for International Undergraduate Program in Science from the 2021-2022 academic year. In accordance with this change, the Special Entrance Examination for Privately-Funded Undergraduate International Students Living Overseas for the School of Science will be discontinued. In line with this, the 2020-2021 examination (admission in April 2020) will be the last time the Special Entrance Examination for Privately-Funded Undergraduate International Students Living Overseas for School of Science is held.

4. Special Entrance Examinations for Privately-Funded International Students Living Overseas

Since 2014, Osaka University has conducted special entrance examinations for privately-funded international undergraduate students who will enroll in the university in 2016. In these special examinations, applicants don't need to come to Japan to take an examination and can be accepted through document screening. (An interview may be conducted as needed.) There are two types of special entrance examination and both of them are intended for individuals without Japanese nationality.

cf., http://www.osaka-u.ac.jp/en/admissions/faculty/expense_abroad/index.html

II. For Entry into the Graduate School of Science

1. For Entry into the Master's and Doctoral Programs

Selection is carried out using the same procedure as with Japanese students. Applicants for admission to either programs need to contact the head of the Admission Committee of the department in which they want to be enrolled. Applicants for admission to the Doctoral program also need to contact the provisional supervisor(s) in order to discuss the research plan and obtain their approval for the application: applicants must decide whom to contact as the provisional supervisor(s) among the professors introduced in this leaflet; the provisional supervisor(s) will help applicants through the admission procedure.

2. To Enroll as a Research Student in the Graduate School

To be eligible, a person must be a non-Japanese national. The student conducts research for an extendable period of time, under the guidance of an academic supervisor.

- (1) Regular selection procedure for graduate students: There is no difference in the procedure for Japanese students and overseas students, whether on government scholarships or privately-funded. However, those wishing to enter the graduate school as a research student under the MEXT scholarship program must fill out an application available at the Japanese embassy, which forwards it to MEXT.
- (2) Recruitments for MEXT scholarships are carried out by Japanese embassies, ministries of education in each country, and universities, please address inquiries to these corresponding government agencies.
- (3) Students admitted through this procedure are required to take the regular graduate entrance exam after one-half or one full year of tenure as a research student.

3. Degree programs taught in English

Special Integrated Science Course (M.S & Ph.D.) is a graduate program for students having completed the chemistry/biology combined major program or for those who finish undergraduate programs in biology, chemistry and macromolecular sciences. It is designed to train the next generation of cutting-edge scientists. For details, visit <http://www.bio.sci.osaka-u.ac.jp/global30/SISC>

The other graduate program, International Physics Course (M.S & Ph.D.) focuses on enhancing capacities to conduct large-scale international collaborative researches at large-scale laser and/or accelerator facilities.

For details, visit <http://www.rcnp.osaka-u.ac.jp/~ipc/>

III. Short-Term Programs

1. OUSSEP and Maple Programs

Osaka University offers two program-types for international exchange students: 1.) the OUSSEP (Osaka University Short-Term Student Exchange Program) and 2.) the Maple.

OUSSEP is a program conducted in English with two study tracks: Full-year OUSSEP and Half-year OUSSEP. The Full-year track requires students to study selected courses in English earning more than 14 credits each semester, including Independent Study. The Half-year track (Spring Semester only) more than 14 credits in one semester. *N.B. This program is not designed for those whose main focus during the exchange is Japanese language acquisition and Japanese culture immersion.*

cf., <http://ex.ciee.osaka-u.ac.jp/oussep/toppage/index.html>

Maple is a full-year program for students whose main interests are *to advance their language skills in the Japanese language and understanding of Japanese culture*. Participants are required to take Japanese language classes equivalent to 7 credit hours per semester. In addition to the Japanese classes, participants are able to broaden their academic experience by joining Japanese studies courses and other courses offered by other schools in the University as International Exchange Subjects for another 4 courses (8 credits) per semester.

2. FrontierLab@OsakaU for Engineering and Science Majors (English Language Program)

FrontierLab@OsakaU is a *research program* at Osaka University for both undergraduate and graduate students in engineering and science. Osaka University is at the forefront of technological innovation in Japan and is recognized as one of the leading science universities in the world. FrontierLab@OsakaU offers students an opportunity to study with scientists who are top in their fields and with them *push the frontiers of scientific advancement* in the following research areas within the Osaka University Schools of Science, Engineering Science and Engineering:

- o Nanotechnology & Molecular Science
- o Life Science & Biotechnology
- o Systems & Robotics
- o Computing & Information Science
- o Advanced Materials Science
- o Photon Science
- o Other Emerging Fields

cf., http://www.osaka-u.ac.jp/en/international/inbound/exchange_program/frontierlab

3. Regular Short-term Exchange Program

This is a short-term study program for overseas students, organized independently by the School of Science. This program is also intended for students registered at foreign universities having a student exchange agreement with Osaka University; foreign students enrolled in this program study as Special Auditors / Special Research Students at the Schools of Science without transferring their registration.

4. Housing: Students live on/near campus in university housing.

IV. Double-degree programs

The Graduate School of Science offers excellent graduate students of selected universities the possibility to earn two Master degrees or two Ph.D. degrees at the same time necessary to earn one. Candidates in these programs

are expected to take courses and conduct research both at Osaka University and at a partner university, under the joint supervision of two professors, one at each university. One degree is conferred by Osaka University and the other by the partner university. The current list of partner universities includes:

- Institut Teknologi Bandung (Indonesia)
- Tsing Hua University (Taiwan)
- De La Salle University (Philippines)
- the University of Malaya (Malaysia)
- the University of Science of the Vietnam National University in Ho Chi Minh City (Vietnam)
- Al-Farabi Kazakh National University (Kazakhstan)
- Shanghai Jiao Tong University (China)
- Chiang Mai University (Thailand)
- Nanyang Technological University (Singapore)
- Sorbonne University (France)
- the University of Strasbourg (France)

V. For further information, visit:

<http://www.sci.osaka-u.ac.jp/en/admissions/graduate-admissions/>

<http://www.osaka-u.ac.jp/en/admissions/graduate>

and / or contact:

Admission Division, Osaka University
1-1 Yamadaoka, Suita, Osaka 565-0871, Japan
e-mail: gakusei-nyusi-dai1@office.osaka-u.ac.jp
tel/fax: +81-6-6879-7079/7097

Number of International Students

Region	Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Asia	India	4	3	6	6	8	7	6	7	7	9	8	
	Indonesia	3	3	3	7	7	7	7	12	16	19	22	
	Singapore		1	3	3	4	5	3	1			3	
	Sri Lanka		1	2	2	1	1	2	2	3	2	2	
	Thailand	1	1	1	4	2	4	6	8	4	5	7	
	Korea	8	11	13	14	13	12	15	17	19	24	30	
	Taiwan	1		5	4	6	3	4	5	8	10	8	
	China	15	26	39	45	47	47	47	48	46	65	73	
	Nepal						1	1					
	Pakistan										1		
	Bangladesh	3	3	2	1	1	1	2	3	3	2	3	
	Philippines	1	2	5	6	6	5	6	5	5	2	2	4
	Brunei												4
	Vietnam	6	3	8	11	10	12	13	10	15	12	9	
	Hong Kong		1	1	1	1	1	1	2	2	2	4	
	Macau								1	2	2	2	1
	Malaysia	3	4	4	5	5	8	9	12	13	12	9	
	Mongolia						1	1	1	1	1		
	Middle East	Israel			1	1	1	1					
Iran		1	1			1	1	1	1	1	1	2	
Turkey		1	1	3	3	3	1	1	1	2	2	1	
Jordan		1	2	2	2	2	1	1					
Africa	Egypt	1	1			2	2	2	2				
	Kenya											1	
	Sudan				1	1	1	1	1				
	Nigeria								1	1	1	1	
	Malawi											1	
	Morocco										1		
Oceania	Australia	1				1			1				
	New Zealand	1											
North America	Canada	2	2	2	2	3	2	2	2	3	2	4	
	USA	2	2	2	4	4	1	4	2	3	2	7	
South America	Colombia			1	1	1							
	Brazil			3	3	1	1					3	
	Peru					1	1	1					
	Mexico				1	1	1			1	1		
Europe	Italy								1	1	1		
	Ukraine								1	1	1		
	UK	1	1		1	2	1		2	3	1	2	
	Estonia			1	1								
	Netherlands			1		1				1			
	Kazakhstan								1	1	1	1	
	Greece		1	1									
	Geogia										1	1	
	Sweden		1		1		1						
	Spein										1		
	Slovakia									1	1		
	Czech											1	
	Denmark								1				
	Germany		1		1	4	6	5	7	1	6	3	
	Hungary		1										
	Finland			1		2		3	3	3	1	2	
France	1					2	3	2	3	2	2		
Bulgaria					1	1	1						
Rumania												1	
Russia												1	
	Total	57	73	110	131	143	139	150	163	167	194	221	

List of Partner Universities and Institutes

Country	University/Institutes	Country	University/Institutes
U. S. A	University of Washington Texas A&M University Nazareth College of Rochester Wesleyan College University of California Cornell University The University of Georgia Rice University Purdue University University of California, San Diego University of Houston (College of Natural Sciences and Mathematics) University of California, Berkeley Lawrence Livermore National Laboratory College of Art and Sciences, University of Kentucky The University of Maryland	Taiwan	National Cheng Kung University National Taiwan University National Tsing Hua University National Chiao Tung University Genomics Research Center, Academia Sinica College of Science, National Chiao Tung University College of Science, National Tsing Hua University
Italy	Università degli Studi di Perugia University of Genoa The University of Naples Federico II	China	Xi'an Jiaotong University Shanghai Jiao Tong University Wuhan University Peking University Zhejiang University Nanjing University Fudan University Tsinghua University Beijing Normal University Tongji University Shenzhen University Hunan University School of Physical Science and Technology, Lanzhou University
India	Indian Institute of Technology Hyderabad Tata Institute of Fundamental Research(School of Natural Science) The Indian Institute of Technology Bombay The Department of Physics & Astrophysics, University of Delhi Faculty of Science, University of Mumbai	Hong Kong	The Chinese University of Hong Kong University of Hong Kong The Hong Kong University of Science and Technology
Indonesia	Institut Teknologi Bandung Universitas Gadjah Mada Universitas Indonesia Universitas Airlangga Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung Research Center for Metallurgy and Materials, Indonesian Institute of Sciences Faculty of Mathematics and Natural Sciences, Padjadjaran University	Denmark	The University of Copenhagen
Egypt	Alexandria University	Germany	Ludwig-Maximilians- University of Munich Technische Universität München RWTH Aachen University Friedrich-Alexander-Universität Erlangen-Nürnberg University of Augsburg Bielefeld University Heidelberg University Ruhr -University Bochum Johann Wolfgang Goethe-Universität Frankfurt am Main University of Göttingen Bonn-Cologne Graduate School of Physics and Astronomy,Friesrich-Wilhelms-University Bonn and Universität zu Köln School of Physics and Astronomy, Friedrich-Schiller-Universität Jena Department of Physics and Electrical, University of Bremen Technische Universität Berlin Faculty of Science, Technische Universität Dresden Karlsruhe Institute of Technology
Australia	The Australian National University Monash University The University of Queensland The University of Adelaide Faculty of Science and Engineering, Macquarie University Faculty of Science, Monash University Royal Melbourne Institute of Technology	Turkey	Science Faculty, Istanbul University
Austria	The University of Vienna	Hungary	Eötvös Loránd University (ELTE)
Netherlands	Delft University of Technology University of Groningen Department of Chemistry and Chemical Engineering/Department of Biomedical Engineering, Eindhoven University of Technology Graduate School/ Faculty of Electrical Engineering, Mathematics and Computer Science, Twente University	Philippines	De La Salle University Ateneo de Manila University University of the Philippines
Kazakhstan	Faculty of Physics and Technology, Al-Farabi Kazakh National University	Finland	Åbo Akademi University University of Jyväskylä (Faculty of Mathematics and Science) University of Helsinki
Qatar	Qatar University	Brazil	Universidade de São Paulo University of Campinas
Canada	McMaster University University of British Columbia University of Toronto TRIUMF The College of Arts and Science, University of Saskatchewan	France	University of Strasbourg Communauté Université Grenoble Alpes Centre National de la Recherche Scientifique Pierre & Marie Curie University University of Bordeaux Université d Aix-Marseille Ecole polytechnique Université Paris-Saclay
Croatia	Faculty of Science, University of Zagreb	Brunei Darussalam	Universiti Brunei Darussalam Sultan Sharif Ali Islamic University Universiti Teknologi Brunei
Saudi Arabia	King Abdulaziz University	Vietnam	Vietnam National University, Hanoi Vietnam National University-Ho Chi Minh City Vietnamese Academy of Science and Technology Can Tho University Vietnam Japan University Hanoi Medical University Hanoi University of Science and Technology Faculty of Applied Science, Ho Chi Minh City University of Technology
Georgia	Ivan Jovakishvili Tbilisi State University	Belarus	Faculty of Physics, Belarusian State University
Singapore	National University of Singapore Nanyang Technological University	Peru	Pontifical Catholic University of Peru
Switzerland	École Polytechnique Fédérale de Lausanne (EPFL) Eidgenössische Technische Hochschule Zürich	Belgium	Interuniversitair Micro-Electronica Centrum vzw (IMEC)
Sweden	Royal Institute of Technology (KTH) Karolinska Institutet University of Gothenburg	Malaysia	Faculty of Science, Universiti Teknologi Malaysia Faculty of Science, University of Malaya
Spain	Universidad Autónoma de Madrid University of Valladolid	Republic of South Africa	The South African Astronomical Observatory
Thailand	Chulalongkorn University Mahidol University Department of Medical Sciences, Ministry of Public Health Kasetsart University King Mongkut's University of Technology Thonburi Thammasat University Chiang Mai University Institute of Science, Suranaree University of Technology Faculty of Science, Mahidol University Faculty of Science, Chiang Mai University	Myanmar	University of Yangon
Korea	Yonsei University Chonnam National University Pusan National University Seoul National University Gyeongsang National University Chungnam National University Hanyang University Chung-Ang University Changwon National University College of Natural Sciences, Inha University Daegu Gyeongbuk Institute of Science & Technology	Mexico	National Autonomous University of Mexico
		Mongolia	National University of Mongolia
		U. K.	The University of Nottingham University College London Faculty of Natural Science, Imperial College London University of Leeds The University of Sheffield King's College London University of Durham
		Russia	St. Petersburg State University Russian Academy of Sciences

Access to the Graduate School of Science and the School of Science

<http://www.sci.osaka-u.ac.jp/en/access-maps/access/>

Osaka University has three campuses, viz., the Toyonaka campus (located in Toyonaka City, Osaka Prefecture), the Suita campus (located in Suita City, Osaka Prefecture) and the Minoh campus (located in Minoh City, Osaka Prefecture) (cf., map). The Graduate School of Science and the School of Science is located in the Toyonaka campus (cf., map of buildings in the Toyonaka Campus).

Access from the nearest station

By Train

The nearest railway station is Ishibashi Station, on the Hankyu Takarazuka Line. From Ishibashi Station, come to the Handaisakashita crossroad across the railroad crossing of Hankyu Takarazuka Line, then walk along the gradual slope. It takes 25 minutes.

By Monorail

The nearest Monorail station is Shibahara Station. From Shibahara station, walk to the west, then you will find an entrance for the pedestrian walkway. It takes 7 minutes.

Access from the Kansai International Airport

Take the limousine bus bound for Osaka International Airport (Itami). It takes about an hour and a half. Then, from Osaka International Airport, take the Osaka Monorail bound for Kadoma-shi, and get off at Shibahara Station. It takes 6 minutes. Some limousine buses go to Hotarugaike Station.

Access from Osaka International Airport(Itami Airport)

Take an Osaka Monorail train bound for Kadoma-shi, and get off at Shibahara Station. It takes 6 minutes.

Access from Shin-Osaka Station

Take the subway Midosuji-Line and Kita-Osaka Kyuko Line bound for Senri-Chuo Station, and change to the Osaka Monorail train bound for Osaka Airport. Get off at Shibahara Station. It takes about 40 minutes.

Addresses:

Graduate School/School of Science

1-1 Machikaneyama, Toyonaka 560-0043, Osaka, Japan.

Research Institute for Microbial Diseases

3-1 Yamadaoka, Suita, Osaka 565-0871, Japan

Institute for Scientific and Industrial Research

8-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan

Institute for Protein Research

3-2 Yamadaoka, Suita, Osaka 565-0871, Japan

Research Center for Nuclear Physics

10-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan

Cybermedia Center

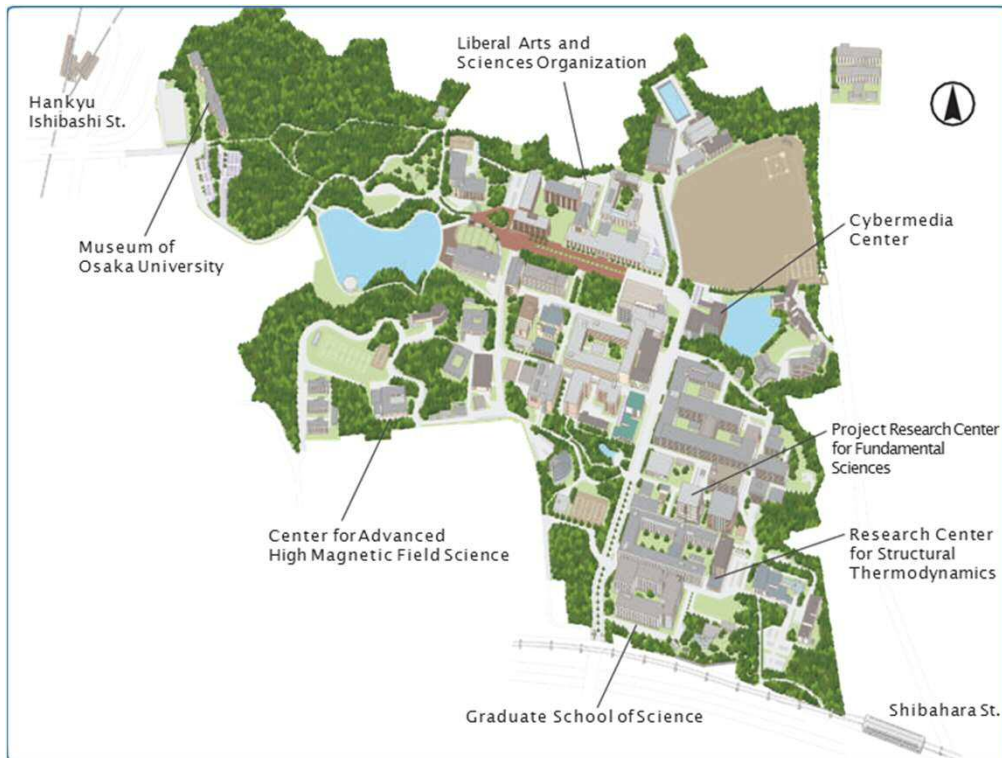
5-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan

Institute of Laser Engineering

2-6 Yamadaoka, Suita, Osaka 565-0871, Japan



Campus Map Toyonaka Area, Osaka University



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