

# 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 Guidelines for Overseas Students

### 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](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](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. A Degree program taught in English

Chemistry/Biology combined major program offers students a new opportunity to learn two fundamental and interacting fields and prepare them to the challenges of rapidly advancing scientific frontier. For details, visit <http://cbcmp.icou.osaka-u.ac.jp>

#### 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/expenditure\\_abroad/index.html](http://www.osaka-u.ac.jp/en/admissions/faculty/expenditure_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/HOME.html>

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 up to 15 credits each semester, including Independent Study. The Half-year track (Spring Semester only) earns up to 15 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.*

**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.

cf., <http://ex.isc.osaka-u.ac.jp/oussep/about/caleindex.html>

## 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/jp/international/iab/e/FrontierLab.html>

## 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 Inter-College 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).

For more information see:

<http://caren.eng.osaka-u.ac.jp/> or contact us

Contact:

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Home page:

<http://www.dma.jim.osaka-u.ac.jp/view?l=en&u=2282>

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Home page:

[http://www.phys.sci.osaka-u.ac.jp/en/research\\_groups/group/19-0\\_ipc/](http://www.phys.sci.osaka-u.ac.jp/en/research_groups/group/19-0_ipc/)

## 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: [gakuseinyusinyu1@ns.jim.osaka-u.ac.jp](mailto:gakuseinyusinyu1@ns.jim.osaka-u.ac.jp)

tel/fax: +81-6-6879-7079/7097

## Number of International Students

Region	Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Asia	Bangladesh		1	2	3	3	3	3	2	1	1	1	2	3	3	
	China	12	9	3	10	12	15	26	39	45	47	47	47	48	46	
	Hong Kong							1	1	1	1	1	1	2	2	
	India	3	4	4	3	3	4	3	6	6	8	7	6	7	7	
	Indonesia	1	2	3	4	4	3	3	3	7	7	7	7	12	16	
	Korea	10	14	9	10	6	8	11	13	14	13	12	15	17	19	
	Macau													1	2	2
	Malaysia	1	1					3	4	4	5	5	8	9	12	13
	Mongolia												1	1	1	1
	Myanmar		1	1	1											
	Nepal												1	1		
	Philippines							1	2	5	6	6	5	6	5	2
	Singapore								1	3	3	4	5	3	1	
	Sri Lanka	1	1						1	2	2	1	1	2	2	3
	Taiwan	1	1					1		5	4	6	3	4	5	8
	Thailand				1	1	1	1	1	1	4	2	4	6	8	4
	Vietnam	3	6	9	9	9	6	3	8	11	10	12	13	10	15	
	Middle East	Iran					1	1	1			1	1	1	1	1
		Jordan						1	2	2	2	2	1	1		
Israel									1	1	1	1				
Saudi Arabia		1														
Turkey						1	1	1	3	3	3	1	1	1	2	
Africa	Egypt	1	1	2	2	1	1	1			2	2	2	2		
	Nigeria													1	1	
	Sudan									1	1	1	1	1		
Oceania	Australia						1				1			1		
	New Zealand	1	1	1	1	1	1									
North America	Canada	1		1		1	2	2	2	2	3	2	2	2	3	
	USA			1		1	2	2	2	4	4	1	4	2	3	
South America	Brazil								3	3	1	1				
	Colombia				1	1			1	1	1					
	México									1	1	1				
	Peru										1	1	1			
Europe	Bulgaria	2	2	1	1						1	1	1		1	
	Denmark												1			
	Estonia								1	1						
	Finland								1		2		3	3	3	
	France		1		1		1					2	3	2	3	
	Germany				1	2		1		1	4	6	5	7	1	
	Greece	1						1	1							
	Hungary		1	1	1	1		1								
	Italy														1	1
	Kazakhstan														1	1
	Netherlands		3						1		1					1
	Rumania	1	2	2	2	1										
	Slovakia															1
	Sweden							1		1		1				
	UK			1	1	1	1	1			1	2	1		2	3
	Ukraine														1	1
<b>Total</b>		<b>40</b>	<b>51</b>	<b>41</b>	<b>52</b>	<b>50</b>	<b>57</b>	<b>73</b>	<b>108</b>	<b>131</b>	<b>143</b>	<b>139</b>	<b>150</b>	<b>163</b>	<b>167</b>	

## List of Partner Universities and Institutes (1 July 2016)

Country	University	Country	University
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 Houston (College of Natural Sciences and Mathematics) University of California, Berkeley Lawrence Livermore National Laboratory		College of Science, National Hsinchu University of Education Genomics Research Center, Academia Sinica
Italy	Università degli Studi di Perugia	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
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		Shanghai Institute of Applied Physics, Chinese Academy of Sciences School of Physical Science and Technology, Lanzhou University
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	Hong Kong	The Chinese University of Hong Kong University of Hong Kong
Egypt	Alexandria University	Denmark	The University of Copenhagen
Australia	The Australian National University Monash University The University of Queensland The University of Adelaide Faculty of Science and Engineering, Macquarie 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, Friedrich-Wilhelms-University Bonn and Universität zu Köln* Friedrich-Schiller-Universität Jena Department of Physics and Electrical, University of Bremen Technische Universität Berlin Faculty of Science, Technische Universität Dresden
Austria	The University of Vienna	Turkey	Science Faculty, Istanbul University
Netherlands	Delft University of Technology University of Groningen Department of Chemistry and Chemical Engineering/Department of Biomedical Engineering, Eindhoven University of Technology	Hungary	Eötvös Loránd University (ELTE)
Kazakhstan	Faculty of Physics and Technology, Al-Farabi Kazakh National University	Philippines	De La Salle University Ateneo de Manila University University of the Philippines
Qatar	Qatar University	Finland	Åbo Akademi University Faculty of Science, University of Helsinki University of Jyväskylä (Faculty of Mathematics and Science)
Canada	McMaster University McGill University University of British Columbia University of Toronto The College of Arts and Science, University of Saskatchewan	Brazil	Universidade de São Paulo
Croatia	Faculty of Science, University of Zagreb	France	University of Strasbourg Communauté Université Grenoble Alpes Centre National de la Recherche Scientifique École Nationale Supérieure de Chimie de Paris Pierre & Marie Curie University University of Bordeaux Université d'Aix-Marseille Ecole polytechnique
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
Georgia	Faculty of Exact and Natural Sciences, Ivan Javakishvili Tbilisi State University	Belarus	Faculty of Physics, Belarusian State University
Switzerland	École Polytechnique Fédérale de Lausanne (EPFL) Eidgenössische Technische Hochschule Zürich	Peru	Pontifical Catholic University of Peru
Sweden	Royal Institute of Technology (KTH) Karolinska Institutet University of Gothenburg	Belgium	Université catholique de Louvain (UCL) Interuniversitair Micro-Electronica Centrum vzw (IMEC)
Spain	Universidad Autónoma de Madrid University of Valladolid	Malaysia	Faculty of Science, Universiti Teknologi Malaysia Faculty of Science, University of Malaya
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	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	Mexico	National Autonomous University of Mexico
Taiwan	National Cheng Kung University National Taiwan University National Tsing Hua University National Chiao Tung University	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
		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

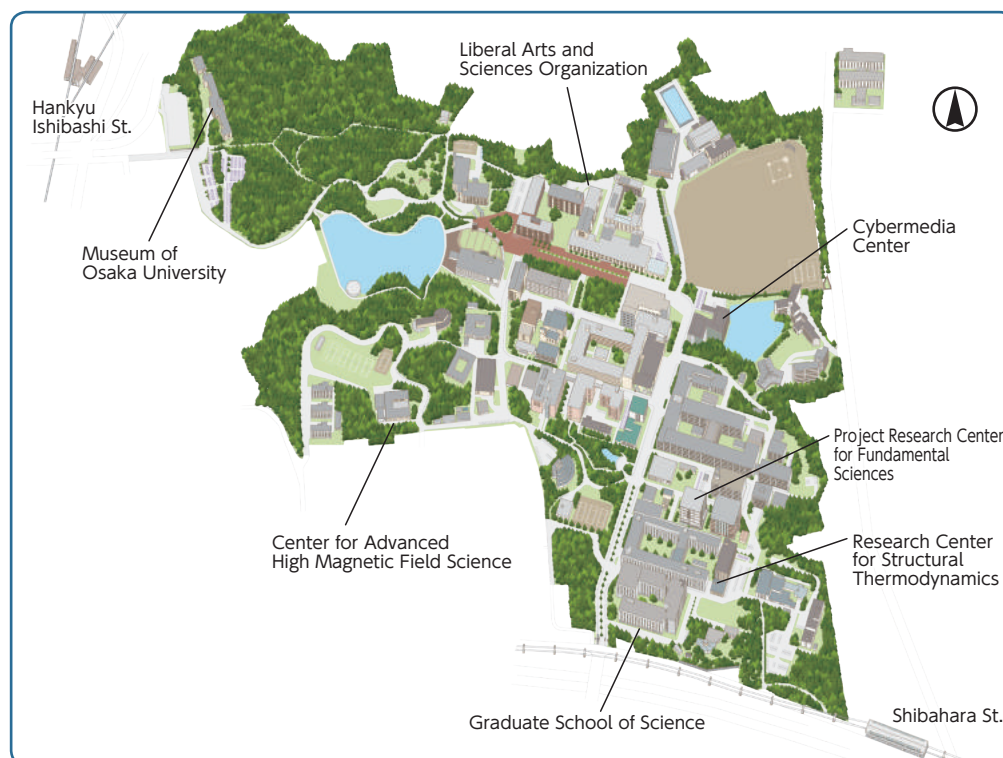
#### Institute of Laser Engineering

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





# Campus Map Toyonaka Area, Osaka University



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