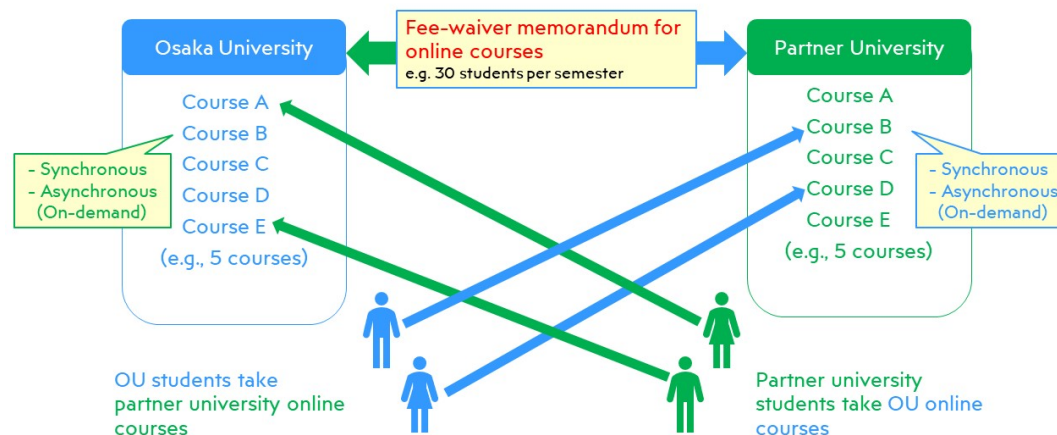


Osaka University

Virtual Study Abroad Program 2022 Spring – Summer



Course List

※Please check if there is any requirements in the list of application form before you select the course.

1	Introductory Chemistry A I	International College (理)	English	Undergrad Grad	Spring	Monday 15:10 ~ 16:40	Live online
2	Introductory Chemistry A II	International College (理)	English	Undergrad Grad	Summer	Monday 15:10 ~ 16:40	Live online
3	Analytical Chemistry 1	International College (理)	English	Undergrad Grad	Spring - Summer	Friday 15:10 ~ 16:40	Live online
4	Inorganic Chemistry 1	International College (理)	English	Undergrad Grad	Spring - Summer	Thursday 10:30 ~ 12:00	Live online
5	Introduction to Scientific English	Center for International Education and Exchange	English	Undergrad Grad	Spring - Summer	Thursday 13:30 ~ 15:00	On demand
6	Internationalization of Higher Education in Japan	Center for International Education and Exchange	English	Undergrad Grad	Spring - Summer	Wednesday 13:30 ~ 15:00	Live online
7	Second Language Learning with Online Resources	Center for International Education and Exchange	English	Undergrad Grad	Spring - Summer	Tuesday 15:10 ~ 16:40	Live online
8	Japan: Society and Ideology	Center for International Education and Exchange	English	Undergrad Grad	Spring - Summer	Tuesday 13:30 ~ 15:00	Live online & On demand

9	Managing Innovation and Change	Center for International Education and Exchange	English	Undergrad Grad	Spring - Summer	Wednesday 15:10 ~ 16:40	Live online & On demand
10	UC Frontier Science I	International College	English	Undergrad Grad	Spring - Summer	Thursday 10:30 ~ 12:00 Friday 8:50 ~ 10:20, 10:30 ~ 12:00	Live online
11	Hindi Language Ia	School of Foreign Studies	Japanese	Undergrad Grad	Spring - Summer	Friday 10:30 ~ 12:00	Live online
12	Language of South Asia Ia	School of Foreign Studies	Japanese	Undergrad Grad	Spring - Summer	Monday 15:10 ~ 16:40	Live online
13	Japanese Iia	School of Foreign Studies	Japanese	Undergrad Grad	Spring - Summer	Tuesday 13:30 ~ 15:00	Live online
14	Lecture on General Linguistics a	School of Foreign Studies	Japanese	Undergrad Grad	Spring - Summer	Tuesday 15:10 ~ 16:40	On demand
15	Seminar in Linguistics (A)	School of Foreign Studies	Japanese	Undergrad Grad	Spring - Summer	Tuesday 16:50 ~ 18:20	Live online
16	The Japanese Language and Culture in the World A	Center for Education in Liberal Arts and Sciences	Japanese	Undergrad Grad	Spring - Summer	Friday 15:10 ~ 16:40	On demand
17	Advanced Topics in Synthetic Medicinal Chemistry	Graduate School of Pharmaceutical Sciences	English	Undergrad Grad	Summer	Wednesday 8:50: ~ 10:20	Live online

18	Intelligence and Learning	Graduate School of Information Science and Technology	English	Undergrad Grad	Spring	Monday 13:30 ~ 15:00	Live online & On demand
19	Structures of Asian Languages XV A	Graduate School of Humanities	Japanese	Undergrad Grad	Spring - Summer	Friday 13:30 ~ 15:00	Live online
20	Big Data Analytics	Graduate School of Information Science and Technology	English	Undergrad Grad	Spring - Summer	Tuesday 15:10 ~ 16:40	Live online
21	Solid State Spectroscopy	Graduate School of Engineering Science	English	Grad	Spring - Summer	Monday 13:30 ~ 15:00	On demand
22	Fundamentals of Computer Science	Graduate School of Information Science and Technology	English	Grad	Spring - Summer	Wednesday 15:10 ~ 16:40	Live online & On demand
23	Architecture for Multimedia Systems	Graduate School of Information Science and Technology	Japanese	Grad	Spring - Summer	Monday 10:30 ~ 12:00	Live online
24	Osaka University Anniversary Lecture	Center for Global Initiatives	English	Undergrad Grad	Spring - Summer	#N/A	On demand
25	Effectively Communicating Your Science and Research	Center for Global Initiatives	English	Undergrad Grad	Spring	Thursday 15:10 ~ 16:40, 16:50 ~ 18:20	Live online

24 Osaka University Anniversary Lecture

Osaka University celebrated its 90th anniversary on 1 May 2021, while the 100th anniversary of the Osaka University of Foreign Studies, which was integrated with OU in 2007, was also in 2021.

As one of our celebration events, we held the Osaka University Anniversary Lecture Series, a special online lecture program offered to students at our partner universities. These lectures were delivered by OU professors in a wide variety of fields ranging from the natural sciences to the humanities.



This time we decided to share these special lectures with you asynchronously (on demand). You can select any 5 lectures or more you like by yourself from the selective lectures from 4 to 29 below in addition to three required lectures! After you learn at least 8 lectures among 29 lectures, submit required assignment, and meet requirements, you can earn 1 credit.

《Special Lectures by Distinguished Professors》

<Required lectures>

-  **Interactive robots and our future society**
Distinguished Prof. **Hiroshi ISHIGURO**
-  **A cyber world connecting the heart-to-heart created by brain information**
Distinguished Prof. **Toshio YANAGIDA**
-  **Aiming for a sustainable society rooted in sympathy from the viewpoint of economic thoughts**
Distinguished Prof. **Takuo DOME**

<Selective lectures>

-  **Molecular Catalysts for Artificial Photosynthesis**
Distinguished Prof. **Shigeyuki MASAOKA**
-  **Singularity created by fluorescent/bioluminescent protein technologies**
Distinguished Prof. **Takeharu NAGAI**
-  **Platform competition (introduction)**
プラットフォーム 競争 序論 (in Japanese)
Distinguished Prof. **Noriaki MATSUSHIMA**



-  **Nanometal Catalyst: A Modern Alchemy**
Prof. **Hidehiro SAKURAI**

-  **Bioplastics**
Prof. **Hiroshi UYAMA**



-  **Sugar and immunity**
Prof. **Koichi FUKASE**

-  **Functions required for next-generation supramolecular materials and their development trends**
Prof. **Yoshinori TAKASHIMA**






-  **Invitation to Quantum Information**
Prof. **Masahiro KITAGAWA**

Quantum Sensing
Prof. **Takashi MUKAIYAMA**



-  **Quantum Computing**
Prof. **Keisuke FUJII**

-  **Quantum Cryptography and Quantum Network**
Prof. **Takashi YAMAMOTO**

- ⑭  **Photoscience in nanoscience and nanoengineering**
Specially Appointed Prof. **Tadashi ITOH**
- ⑮  **Visualization of chemical reaction process caused by solid nano-catalyst**
Specially Appointed Prof. **Seiji TAKEDA**
- ⑯  **Sensors and actuators with micro/nano solid structure** Guest Prof. **Masanori OKUYAMA**

- ⑰  **Crop development by genome editing**
Prof. **Toshiya MURANAKA**
- ⑱  **Fermentation technology in Japan**
Prof. **Kohsuke HONDA**
- ⑲  **Imaging mass-spectrometry**
Associate Prof. **Shuichi SHIMMA**

- ⑳  **Public Health (tentative)**
Prof. **Hiroyasu ISO**
- ㉑  **Diagnostic Pathology**
Prof. **Eiichi MORII**

- ㉒  **Introduction of OU UNESCO Chair in Global Health and Education**
Prof. **Beverley Anne YAMAMOTO**
Assistant Prof. **Rie OGASAWARA**
- ㉓  **AI Health Care and Stakeholder Involvement**
Prof. **Beverley Anne YAMAMOTO** Doctoral Stu. **Amelia KATIRAI**
- ㉔  **Planetary Health and Ageing**
Associate Prof. **Mohacsi GERGELY**
Associate Prof. **Yumi KIMURA** 

- ㉕  **Platform competition (Law)**
プラットフォーム 競争(法規制) (in Japanese)
Prof. **Kuninobu TAKEDA**
- ㉖  **Intellectual Property Law**
知的財産法 (in Japanese)
Prof. **Shigeki CHAEN**

- ㉗  **Understanding Accelerated Decarbonisation of the Economy: Role of the SDGs**
Specially Appointed Prof. **Brendan BARRETT**
University of Hawaii, Prof. **Makena COFFMAN**, OU, Specially Appointed Associate Prof. **Michinori UWASU**
- ㉘ **Climate Science in the Context of the SDGs: What to expect in the next decade?**
Univ. College London, Prof. **Mark MASLIN**
Univ. College London, Associate Prof. **Rokia RASLAN**, Asian Institute of Technology, Prof. **Shobhakar DHAKAL**
- ㉙ **Net-Zero Carbon Energy Transition in the Context of SDG7: What can we achieve in the next years?**
Univ. of Groningen, Distinguished Prof. **Andre FAAIJ**
Univ. of Groningen, Associate Prof. **Evrin URSAVAS**, OU, Associate Prof. **Yohei YAMAGUCHI**