



## Osaka University ASEAN Campuses

Osaka University promotes the establishment of “Osaka University ASEAN Campuses,” and plans to sequentially develop more in four countries in the ASEAN region in cooperation with local universities and institutions. Together with the ASEAN region, we will develop high-level human resources who can lead a co-creative knowledge-based society and implement Quality Growth in ASEAN countries.



# ASEAN Campus Project

## Contributing to the Quality Growth and development of the next generation of high-level global human resources in ASEAN countries and Japan

Osaka University will nurture the advanced research ability and versatility required to develop joint laboratory hubs for cutting-edge research and advanced multidisciplinary education, something difficult to achieve for oversea satellite campuses dependent on remote lectures, at Osaka University ASEAN Campuses in four ASEAN countries.

We also aim to utilize the network between ASEAN countries and Japan to promote innovation in science and technology through the circulation of knowledge and solve issues relating to SDGs and global challenges in ASEAN countries.



### Thailand Mahidol University



#### Industrial/Medical Biotechnology

- Search and develop physiologically active substances (antibiotics etc.)
- Develop antiviral and diagnostic agents
- Produce vaccines using animal and plant cells
- Quality control of food through metabolome analysis technology

#### Japanese Language and Culture

- Research language teaching methods
- Research second-language acquisition
- Discourse analysis

#### Development of a Japanese-Learning Support Program for All ASEAN Campuses

- Offer intensive Japanese language courses
- Implement remote Japanese language lectures for following up



### Indonesia Bandung Institute of Technology



#### Applied Biology

- Search for useful substances in food, feed, drug and agricultural chemicals and establish theories for production
- Develop new biological functions
- Develop environmental cleanup systems

#### Quantum Engineering

- Implement research on computational material design
- Predict new material's physical properties and functions
- Develop calculation methods of electronic structures and simulation programs



### Vietnam Vietnam Academy of Science and Technology



#### Environmental Science

- Research air quality models
- Develop environmental dynamics models

#### Applied Physics

- Research bio-devices
- Develop applied laser technology

### Brunei Darussalam



A collaboration with three universities controlled by the Prime Minister's Office and the Ministry of Education.

#### Pharmaceutical Sciences

- Develop useful biological resources
- Develop technologies for environmental conservation, cleanup, and restoration

#### Bioengineering

- Halal science
- Analysis and preservation of biodiversity
- Develop advanced food and environmental analysis technology



### Universiti Brunei Darussalam



### Sultan Sharif Ali Islamic University



### Universiti Teknologi Brunei

1 Contribute to high-quality growth based on the 3Q principle (Quality of Life/Nature/Technology)

2 Apply accumulated achievements through long-standing collaboration in the ASEAN region to cultivate high-level local talent

3 Develop infrastructure to benefit society through innovative approaches such as co-creation with industry, government, and universities internationally

4 Co-create new values by building innovation networks incorporating local and Japan-based enterprises

5 Implement international joint degree programs in the fields of bioengineering, applied physics, infectious disease, environmental engineering, halal science, biodiversity, bioresource, and Japanese language and culture

## Osaka University ASEAN Campus Project

Osaka University ASEAN Campuses aim to contribute to the solution of issues in the ASEAN region while focusing on the individuality of each country's society and culture and develop infrastructure to benefit those societies through international, innovative approaches such as co-creation with industry, government, academia, and the community by nurturing advanced global human resources in the fields of bioengineering, applied physics, infectious diseases, environmental engineering, halal science, biodiversity and bioresource, and Japanese language and culture.

By remotely doing education and research at the same level as Osaka University at overseas campuses that have strong collaborations with local universities, it becomes possible to widely seek out outstanding, highly-motivated students and send them to our graduate university and Japan-based businesses in their countries.

As a result of the expansion of our human network, cultivated together with countries in the ASEAN region and through the development of collaborations with local universities there, Osaka University continues to contribute to solutions to global challenges.



## Osaka University Foundation for the Future

Osaka University is conducting fund-raising through its Osaka University Foundation for the Future. The Osaka University ASEAN Campus Project is designated as one of the foundation projects. Donations to the project will be used for promoting the establishment of ASEAN campuses and financial support for students enrolled in international joint degree programs. We thank you in advance for your warm support and cooperation with our Osaka University ASEAN Campus Project.

We humbly ask each and every one of you for your continued support.

### How to Donate

<https://www.miraikikin.osaka-u.ac.jp/english/>

#### For companies

Please contact the liaison office for the donation form:

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