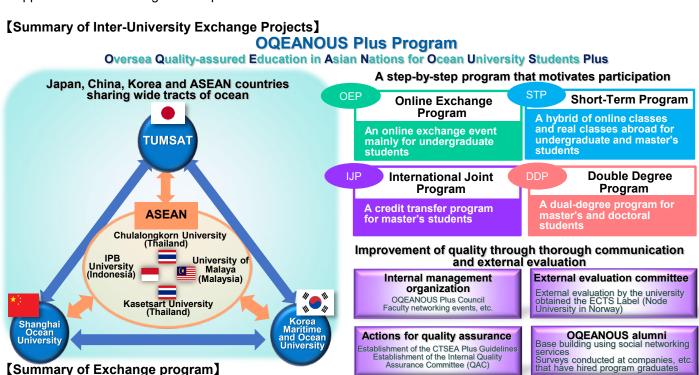
FY2021 Inter-University Exchange Project Tokyo University of Marine Science and Technology Support for promoting the establishment of Asian Higher Education Community

[Name of project] (Adopted year: FY2021, (Type A①))

OQEANOUS Plus: Education program fostering advanced professionals who can create technology and its application in the strategic development for sustainable utilization of the ocean



[Summary of Exchange program]

It is necessary to solve the common problems through mutual understanding and close cooperation in a wider Asian economic area that includes the ASEAN countries (which share wide tracts of ocean) as well as China, Japan, and Korea to promote sustainable development and usage of the oceans based on medium- to long-term perspectives.

The program aims at continuing the results of the collaborative international education program (also known as the OQEANOUS program) in the oceans based on the Japan-China-Korea version of the ERASMUS Program, which began in response to the adoption of the CAMPUS Asia Mode 2 program in 2016, extending the consortium of three oceanic universities (Japan, China, and Korea) to ASEAN countries, which are important as marine nations, contributing to the stability and development of the marine industry in Asian countries through training highlevel professionals who can strategically address the challenge of achieving SDGs by cooperating together with Japan, China, Korea, and ASEAN countries in one united body, and also enhancing further the global presence of our university and other universities participating in the consortium in the marine field of the Asian economies.

[Global Human Resource on the project]

Human resource development objective: "International advanced professionals who can strategically address the challenge of achieving SDGs"

Specifically, human resources who can correctly perceive shared issues in the ocean-related industries, especially in marine nations in Asian countries, develop solutions without having to focus on the field of expertise, and successfully carry out projects as a team, and thereby lead reform of the industrial structure

 [Feature on the project]
Establishment of Guidelines for achieving an educational exchange program with quality assurance at the graduate level
"CTSEA Plus Guidelines (tentative name)" that is a credit transfer system based on unified standards shared by seven universities that maintain the uniqueness of graduate education in each country, incorporating the methods of the ERASMUS Program, the course catalog, etc. to visualize the contents of the education, and the form of the learning agreement to be concluded between students and the two universities prior to the dispatch of the students are established and publicly announced.

≻ Provision of an effective and borderless program that combines online classes and real classes abroad Real classes abroad, which used to be provided alone, were combined with online classes. The "easy-to-participate" program is provided to students ranging from early-year undergraduates to doctoral students, with a "highly effective structure" that enables students to progress in stages, aiming at transferring credits and obtaining dual degrees through the introduction of the program and experiences.

The Double Degree Program expanded to the doctoral course In the Mode 2 program, the dual degree (double degree) program, which was established for master's students, was expanded to doctoral students, and a system for thesis defenses that makes effective use of the internet was established. ⊳

[Exchange number]

		2021	2022	2023	2024	2025
Out bound	Students studying abroad	1	8	10	11	11
	Students taking online international education and exchange programs in their home countries	5	0	0	0	0
	Students fulfilling both of the above requirements	0	5	5	5	5
In bound	Students studying abroad	0	8	11	11	11
	Students taking online international education and exchange programs in their home countries	0	22	22	22	22
	Students fulfilling both of the above requirements	0	10	10	10	10

1. FY 2021 Progress

[Tokyo University of Marine Science and Technology]

[Name of Project] (Adopted year: FY2021 Type A-1)

OQEANOUS Plus: Education program fostering advanced professionals who can create technology and its application in the strategic development for sustainable utilization of the ocean

Exchange Programs



OQEANOUS Plus Joint Information Session & Online Exchange Program (OEP)

Student-Mobility

O Outbound

- Two students were dispatched to Korea Maritime and Ocean University (KMOU) to participate in the IJP program (February 2022)
- Online Joint Information Session & OEP (March 17-18, 2022)
- 20 students from our university participated

O Inbound

- Received one application from a KMOU student to join the IJP program. (Due to Japan's entry restrictions, the application was withdrawn and the student was not accepted.)
- 61 students from six other universities participated in the Online Joint Information Session & OEP (same day as above).

■ Forming the University Network with Quality Assurance

<Creating a place for consideration>

The "OQEANOUS Plus Joint Meeting," which consists of faculty and coordinators from the seven participating universities, was established as a place to consider the framework and implementation of the program, and a sub-meeting consisting of only the three universities in Japan, China, and Korea was established for smooth discussion. The Joint Meeting was held four times, and the sub-meeting was held three times online. **<Consideration of Credit Transfer Guidelines>**

In preparation for the implementation of IJP among seven universities, including four ASEAN Universities, in the Fall 2022 semester, a Joint Meeting was established to create new guidelines (tentative name: CTSEAA) based on the "CTSEA (Credit Transfer System in East Asia) Guidelines," a credit transfer system created in Mode 2 for equivalent quality assurance between the three universities in Japan, China, and Korea, with the four ASEAN universities added.

Promotion of Student-Mobility Environment

Even during the COVID-19 pandemic, we were able to dispatch students smoothly, due to the deployment of a trilingual coordinator in Japanese, Korean, and Chinese, conducting dispatching procedures with KMOU through SNS and other means, and carefully coordinating class selection, teacher matching, and entry into the country. In order to raise awareness of safety measures while studying abroad, a crisis management seminar on overseas travel was held with the cooperation of an external organization, and participation was made mandatory for dispatched students.

Internationalization of the university, Information disclosure and Publication of outcomes

The official website was launched in March 2022, and is used to disseminate information about various events and programs both inside and outside the university. In FY 2022, we will further improve the website by publishing the new credit transfer system guidelines, which are scheduled to be completed, and various other forms.

Good Practices

- ➤ In preparation for the implementation of mutual dispatch for IJP between the seven participating universities in the Fall 2022 semester, we progressed the creation of credit transfer guidelines (tentative name: CTSEAA) for equivalent quality assurance between the universities in Japan, China, Korea, and the four ASEAN universities. The completed guidelines are expected to be used in future exchanges with other universities in China, Korea, and ASEAN countries.
- By holding the Online Exchange Program (OEP) together with the Online Joint Information Session, we were able to create effective efforts to go beyond simple student interaction and increase willingness to participate in IJP and DDP with actual travel. Students were able to form a concrete image of participation through university introductions and participating in practice lessons in real time.



In the Spring 2022 semester, three universities in Japan, China, and Korea implemented International Joint Programs (IJP), which are onesemester mutual dispatch programs with transferable credit, and double degree programs (DDP) aimed at receiving a degree from both universities, based on the scheme established in the CAMPUS Asia Mode 2 "OQEANOUS Program."

As a new initiative, the Online Exchange Program (OEP) was held together with the Online Joint Information Session (March 17-18) to introduce the universities, allow student interaction, and hold real-time practice lessons.

	2021		
	Plan	Results	
Outbound	6	22	
Inbound	0	61	

* For participants in the Online Program (OEP), the number of students from our university is included in "outbound" and the number of students from six other universities is included in "inbound."



1st OQEANOUS Plus Joint Meeting (December 2021)