

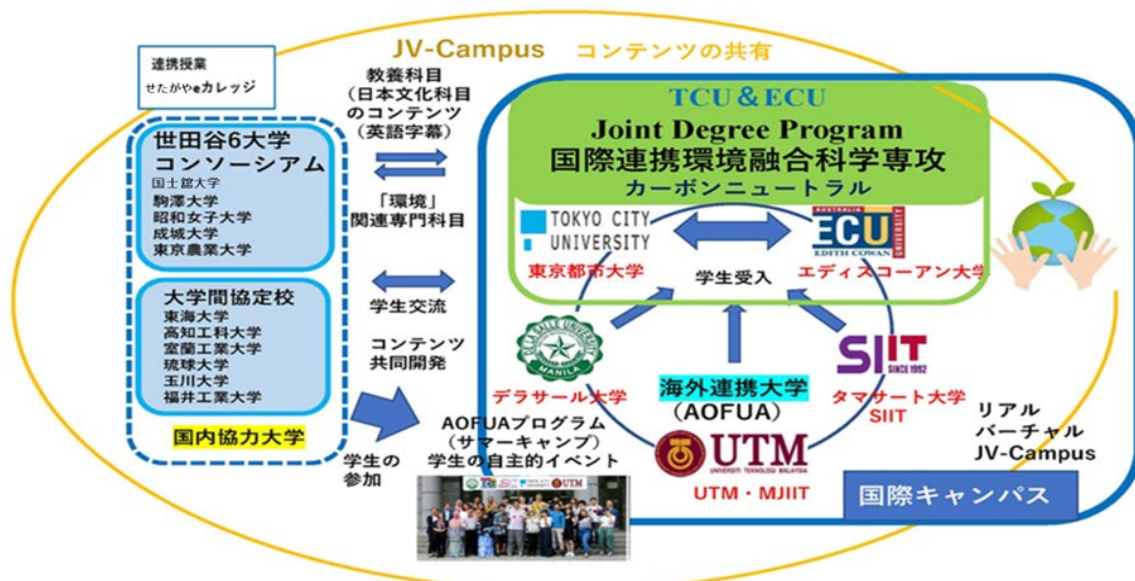
FY2022 Inter-University Exchange Project Tokyo City University

Support for Creation of Inter-University Exchanges in the Indo-Pacific Region

【Name of project】(Year selected: FY2022)

Human Resource Development Program Contributing to the Realization of a Carbon Neutral Society at Asia Pacific International Campus

【Summary of Inter-University Exchange Projects】



【Summary of exchange program】

TCU and ECU will develop a joint degree program, and TCU will establish the new "International Collaborative Program of Transdisciplinary Sciences for Sustainability between Tokyo City University and Edith Cowan University" major in its graduate school. Students from three other Asian universities affiliated with AOFUA will also participate in the program by using ICT to take advantage of the two-hour time difference and realize a real-time international campus. As the Asia-Pacific region is the largest emitter of greenhouse gases in the world, climate change measures, including decarbonizing technologies, transforming the way we consume and the development of social infrastructure, are of paramount importance. This program takes carbon neutrality as its theme to raise consciousness in the Asia-Pacific and work on solutions together. This program cultivates the ability to solve problems by understanding and drawing from diverse viewpoints and values from different countries, and aims to develop a new generation of leaders in the Asia-Pacific.

【Global Human Resource on the project】

- (1) Graduates have a deep and broad understanding of their field and can implement knowledge and methods at a high level to use carbon neutral technologies effectively to reduce damage to the environment and realize a carbon neutral society by 2050.
- (2) Graduates are leaders who have a high level of expertise in their field and a broad viewpoint, who can solve problems that cross national borders and can plan and take independent, concrete action when faced with difficult problems.

【Feature on the project】

- (1) Joint degree program between TCU and ECU
- (2) Realization of the Asia-Pacific International Campus
- (3) Cooperation with domestic university partners

【Exchange number】

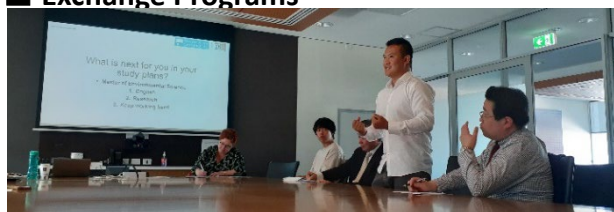
		2022	2023	2024	2025	2026
Out bound	Students studying abroad	7	7	5	0	5
	Students taking online international education and exchange programs in their home countries	15	0	0	5	0
	Students taking both offline and online programs	0	0	5	5	5
In bound	Students studying abroad	2	2	0	20	0
	Students taking online international education and exchange programs in their home countries	0	0	0	0	0
	Students taking both offline and online programs	15	0	0	5	5

1. FY2022 Progress

【Tokyo City University】

【Human Resource Development Program Contributing to the Realization of a Carbon Neutral Society at Asia Pacific International Campus】(Adopted year: FY2022)

Exchange Programs



〈Joint Degree Pilot Program Results Presentation (Edith Cowan University, March 29, 2023)〉

A pilot program was conducted in FY 2022 to prepare for the launch of the Joint Degree Program (JDP) International Collaborative Program of Transdisciplinary Sciences for Sustainability between Tokyo City University and Edith Cowan University (ECU) (scheduled for April 2024). The main purpose of the pilot program is to simulate the reception (including accommodation) and sending of students from both graduate schools, because the students will be educated on campuses of other graduate schools. An internal recruitment drive saw eighteen applicants and eight were selected. From February 6 2023 to March 31, they stayed at ECU and had language training, laboratory visits and research training. In the questionnaire after returning to Japan, all students (100%) were satisfied with the contents of the program, and 75% (6 students) answered that they are aiming to enter the International Collaborative Program of Transdisciplinary Sciences for Sustainability between Tokyo City University and Edith Cowan University.

Student-Mobility

○ Outbound

From February 6, 2023 to March 31, eight students were sent to ECU as under the JDP pilot program. They attended an English language training program with students from other countries at an English language school attached to the ECU, and also participated in laboratory visits and experiences with the ECU Environmental Science Program, the ECU partner in the JDP.

○ Inbound

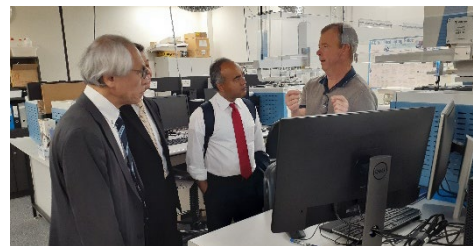
From March 19, 2023 to March 30, one ECU student was accepted as a JDP pilot program student. In the Graduate School of Environmental and Information Studies two laboratories hosted the program, including exchange with TCU students. In addition, three laboratories of the Graduate School of Integrative Science and Engineering hosted the ECU student to engage in research experience in their own field.

	2022	
	Plan	Results
Outbound	5	8
Inbound	5	1

Forming the University Network with Quality Assurance

In preparation for the launch of the JDP between our university and Edith Cowan University in April 2024, we hold weekly meetings with ECU. After mutual understanding of the differences in the educational systems of the two countries, the two sides discussed details such as curricula, teacher assignment, and the entrance examination system, and in April 2023, a notification was submitted to the Ministry of Education, Culture, Sports, Science and Technology concerning the establishment of a new major. The photo on the right shows the Dean of the Graduate School of Environmental and Information Studies

(the second from the right in the photo) and the faculty members who visited ECU in March 2023 for detailed discussion and inspection of laboratories and research facilities.



〈 Visiting the ECU laboratory and meeting 〉

Promotion of Student-Mobility Environment

In FY 2022, a pilot program was conducted with the aim of establishing the JDP between TCU and Edith Cowan University in April 2024.

In the pilot program (transmission), eight students were dispatched to ECU. As a simulation of the outbound JD student experience they understood an English training program at ECU's language school with other students. In addition, through the laboratory experience and practical experiences, students were given a simulated experience of classes conducted in the JDP. On the other hand, an inbound pilot program was also conducted for ECU students. One student from ECU came to TCU and had a simulated experience of exchange and research guidance with students in laboratories of the Graduate School of Environmental and Information Studies and the Graduate School of Integrative Science and Engineering.

Internationalization of the university, Information disclosure and Publication of outcome

In 2017, the university published a medium- and long-term plan called Action Plan 2030, and one of its efforts is globalization (project). At present, the second phase of the project is in progress. The projects are: 1. Promotion of overseas study (TAP: Tokyo City University Australia Program), 2. Acceptance of foreign students mainly from graduate schools, 3. Regional cooperation with overseas universities through industry-academia cooperation and regional cooperation, and 4. Establishment of an exchange system with overseas universities. At present, all projects are producing good results. It goes without saying that the JDP contributes to 2.

Good Practices

In order to establish the JDP with ECU, TCU has worked to establish a new school, the International Collaborative Program of Transdisciplinary Sciences for Sustainability between Tokyo City University and Edith Cowan University. A working group has been set up within the university, and meetings are held once every two weeks to prepare for the program. The curriculum, entrance examination system, public relations activities, etc. were decided by sharing the results of weekly meetings with ECU. In April 2023, a notification of establishment of a new major was submitted to Ministry of Education, Culture, Sports, Science and Technology and accepted on June 22.

2. FY2023 Progress

【Tokyo City University】

【Human Resource Development Program Contributing to the Realization of a Carbon Neutral Society at Asia Pacific International Campus】(Adopted year: FY2022)

■ Exchange Programs



〈 ECU students' presentations in the JD Pilot Program 〉

In preparation for the opening (April 2024) of the International Collaborative Program of Transdisciplinary Sciences for Sustainability, which has a Joint Degree Program (JD) between TCU and Edith Cowan University (ECU), Australia, as its educational program, a pilot program was conducted in FY2023, continuing from FY2022. The main purpose of the pilot program is to simulate the receiving and sending of students between the two institutions including the establishment of a joint teaching system and living environment. In addition, in order to realize an Asia-Oceania International Campus, we are working to strengthen cooperation with the Association of Five Universities in Asia and the Pacific (AOFUA), and in FY2023 participated in the AOFUA Summer Camp held at AOFUA member institutions, Universiti Teknologi Malaysia (UTM) and Malaysia-Japan Institute of International Technology (MJIIT).

Student Mobility

○ Outbound

Five students were sent to ECU from August to September 2023 as part of the JD pilot program. In addition, five students were sent to MJIIT in July 2023 for the AOFUA Summer Camp, where they interacted with 14 students from AOFUA member universities who participated in the camp.

○ Inbound

The JD Pilot Program hosted 5 students from ECU in November-December 2023. This program was conducted in conjunction with the hosting of 32 ECU students at New Colombo Plan (NCP), and one week of the program was jointly conducted by the JD Pilot Program and NCP. This was a good opportunity to publicize the JD program in order to secure enrollment on ECU's side for the JD program to be officially opened in the future.

	2023	
	Plan	Results
Outbound	7	10
Inbound	2	37

■ Forming the University Network with Quality Assurance

We were able to establish the International Collaborative Program of Transdisciplinary Sciences for Sustainability to implement the JD program on schedule (opening in FY2024), and we were able to solve two major challenges in establishing the JD program: 1) to realize a JD program that meets the requirements of both ECU and TCU while maintaining the 30-credit completion requirement, and 2) to implement the TCU master's thesis review process for ECU students. The meetings were held frequently online (2 times/month on average) and face-to-face meetings were also held with ECU in Australia.



〈 Logo mark of the JD major that opened.〉

■ Establishment of Student Mobility Environment

In order to accept international students, the International Student Support Special Committee was established under the International Committee, and a system was put in place to support international students with various on- and off-campus procedures and to manage international student exchange events. In addition, the International Student Supporter System has been established as a student volunteer program to provide daily support.

In order to dispatch Japanese students to the JD program, we have decided to provide IELTS test and study support to help them achieve IELTS 6.5, which is an English requirement for the JD program entrance examination. As a result, 40 students took the IELTS practice test and 15 students took the official test through TCU's support program.

■ Internationalization of the university, information disclosure and publication of outcome

In 2017, TCU announced a medium- to long-term plan called Action Plan 2030, and one of its initiatives is globalization (project). Currently, the second phase of the project plan is underway and includes:

1. promotion of overseas study (TAP: Tokyo City University Australia Program)
2. enrolling international students from abroad, mainly from graduate schools
3. regional cooperation with overseas universities through industry-university and regional cooperation
4. Establishment of an exchange system with overseas universities.

Currently, all of the programs are producing positive results, and it goes without saying that the JD Program contributes to the second point.

■ Good Practice

As educational content to complement the JD program, which includes liberal arts courses on the culture and history of the Asia Pacific region, we have invited lecturers from the six member universities of the Setagaya Six University Consortium, which consists of six universities in Setagaya Ward, where our university is located, and are creating video content on Japanese culture, SDGs, and other liberal arts subjects. These contents will be made available on JV-Campus with English subtitles, which is expected to increase the presence of TCU and lead to an increase in the number of students.

3. FY2024 Progress

【Human Resource Development Program Contributing to the Realization of a Carbon Neutral Society at Asia Pacific International Campus】(Adopted year: FY2022)

(1) Exchange Programs



〈AOFUA Summer Camp Graduation Ceremony〉

In April 2024, Tokyo City University (TCU) established the International Collaborative Program of Transdisciplinary Sciences for Sustainability with a Joint Degree Program (JD) in collaboration with Edith Cowan University (ECU) in Australia.

In the 2024 academic year, we admitted two students in the first semester and two in the second semester, and dispatched the two students admitted in the first semester (one of whom is Japanese national) to ECU.

Additionally, to advance the realization of an Asia-Pacific International Campus, efforts are being made to strengthen collaboration with the Asia-Oceania Five Universities Alliance (AOFUA). In the 2024 academic year, the program participated in the AOFUA Summer Camp held at the Sirindhorn International Institute of Technology (SIIT) of Thammasat University, an AOFUA member institution.

Student-Mobility

○ Outbound

As part of the JD Program, two students (one Japanese national) were dispatched to ECU from July to November 2024. Additionally, in July 2024, five students (four Japanese nationals) were sent to SIIT for the AOFUA Summer Camp, where they had the opportunity to interact with students from other AOFUA member universities.

○ Inbound

As part of the JD Pilot Program, TCU accepted eight ECU students considering enrollment in the JD program in November 2024. This program was implemented in conjunction with the acceptance of 35 ECU students participating in the New Colombo Plan (NCP). It served as a good PR opportunity for securing enrollment at ECU.

	2024	
	Plan	Results
Outbound	10	5
Inbound	0	43

(2) Forming the University Network with Quality Assurance

TCU successfully established the International Collaborative Program of Transdisciplinary Sciences for Sustainability, which will implement the JD program according to the scheduled timeline (opening in 2024). Two major challenges in establishing the JD program were: (1) developing a JD program that meets the requirements of both our university and ECU while maintaining the 30-credit graduation requirement, and (2) implementing our university's master's thesis review procedures for ECU students. These challenges were addressed through frequent consultations. These meetings were conducted online at a high frequency (average of three times per month), and TCU faculty members also visited ECU for in-person meetings.



〈JD Pilot Program Graduation Ceremony〉

(3) Internationalization of the university, Publication of outcome

TCU published a medium- to long-term plan called Action Plan 2030 in 2017, and one of the initiatives outlined in this plan is globalization (project). Currently, the second phase of the project is underway, with the following three initiatives being promoted:

1. Promotion of outbound activities: Sending students abroad for study abroad and overseas training
2. Promotion of inbound activities: Expanding the acceptance of international students, particularly at the graduate school level
3. Establishment of an exchange system with partner universities
4. Enhancing the internationalization of education.

All projects are progressing smoothly, and it goes without saying that the JD Program contributes to all of these initiatives.

(4) Good Practices



〈Lecture by a lecturer from a domestic partner university〉

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- 持続可能な社会のためのグローバル・イノベーション・プログラム
- 伝統、芸術、多文化共生：日本と台湾からの考察
- 持続可能な未来：AI時代の食、健康、イノベーション
- 大学紹介

JDプログラムサンプル講義

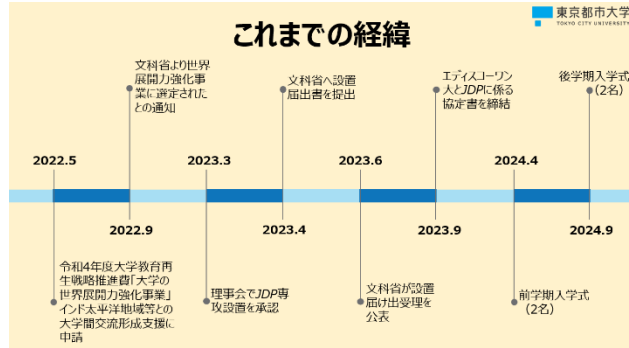
東京都大学・エディスコーンのジョイントディグリープログラムで実施されている授業のサンプルをご覧ください。



〈Screenshots of video content published on JV-Campus〉

As part of this project, TCU invites lecturers from domestic partner universities that are members of the Setagaya 6 Universities Consortium to help develop video content for liberal arts subjects such as Japanese culture and the SDGs. This content includes liberal arts subjects that provide an understanding of the culture and history of the Asia-Pacific region, thereby complementing the JD program as educational content. These contents are available on JV-Campus with English subtitles and organized into a series for easier viewing. This is expected to enhance the university's presence and lead to an increase in student enrollment.

In October 2024, the first external evaluation committee meeting for this project was held. The external evaluation committee consisted of four members, mainly vice presidents for international affairs at domestic universities, and one member from industry. TCU received many meaningful comments and advice that will be useful for the promotion of the project.



〈Excerpts from explanatory materials used at the External Evaluation Committee〉

(5) Major Achievements and Outcomes



〈JD students attending classes at ECU〉

TCU was able to establish the International Collaborative Program of Transdisciplinary Sciences for Sustainability, which will implement the JD program according to the scheduled timetable (opening in 2024). Furthermore, in the first year of operation, we admitted two students in the first semester and two students in the second semester, and dispatched two students (one of whom is a Japanese national) from the first semester to ECU. On the other hand, there were no ECU students enrolled in the first year. TCU took this result seriously and decided that it was necessary to review its measures to attract students. Therefore, TCU implemented a pilot program to raise interest among ECU students. The pilot program aimed to deepen ECU students' understanding of the learning opportunities and joint supervision system offered by the JD program at TCU. Additionally, it served as a simulation for TCU to prepare for student reception, including procedures and the establishment of a joint supervision system. As a result, one student who participated in the pilot program enrolled in the JD program in the 2025 academic year.



〈JD Pilot Program certificate award ceremony〉

Number of students enrolled in JD program	2024	
	capacity	entrant
From Japan	5	4
From ECU	5	0

※One student enrolled from ECU in 2025

Regarding the utilization of JV-Campus, TCU created a series of 10 content pieces with English subtitles and uploaded them to JV-Campus, making them accessible to international viewers. This initiative provided an opportunity for international students, particularly those from partner universities abroad (ECU, De La Salle University, Thammasat University SIIT, UTM MJIT), to explore the JD program and learn about Japanese culture. As of March 31, 2025, the total number of views for these content pieces has reached 3,883.