

開闊視野：資工系學生異國交換學習洞見

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在追求學術卓越的道路上，陽明交通大學的學生們總是尋求機會，透過學校提供的豐富資源，赴海外交換以拓展自己的視野。然而這樣充滿挑戰與機遇的旅程，需要學生們的勇氣和前輩的智慧鋪路。2022年，我們資工系的洪瑋廷與洪婕庭兩位學生，分別在英國南安普頓大學和日本大阪大學開始了他們的異國學習之旅。今年，他們與學弟妹們分享他們的心得，將自己的經驗轉化為後生的寶貴養分。

資工系 111 級洪瑋廷透過 OUSSEP 校級交換計畫在 2022 年前往大阪大學學習法律學院的教育課程。在課程方面，洪瑋廷選擇了法律學院 Elbalti 教授的課程，教授主要開設一些普通法、日本法、中東法、社會法以及伊斯蘭法等專業課程。他提到在這些課程中，教授更鼓勵學生多參與課堂，因此出席分數佔比較大，而出席方式也相當彈性。此外，每週還有三個早八的初中階日語課程或者每週一次的早八進階日語課程可供選擇。這些日語課程透過討論不同的社會議題，提高學生的日語表達能力。

洪瑋廷還參加了 OUSSEP 計畫中的「Internship」課程，與當地的居民以及不同的活動、機構進行交流互動，體驗了不同的文化和生活方式。在這個過程中，他們拜訪了不同的組織和機構，包括小學生課後活動的非營利組織、當地的農家老伯伯、在阪神大地震紀念儀式當點燈志工、大阪音樂大學、與和學校打官司的京大的吉田寮自治宿舍、農民基地、在澀谷公園圍地搭帳篷和警方抗爭的無家者談話等。這些實際體驗讓他更深入了解日本的文化、社會和生活方式。通過這次日本留學經歷，洪瑋廷對於不同學科的知識獲得了深入的了解和體驗，同時也對日本的文化和社會有了更好的理解。

洪婕庭同學則在 2022 年度獲得資訊學院學士班第一梯次出國交換獎助學金，前往南安普頓大學交流一年。在交換期間，洪婕庭發現南安普頓的教學方法和陽明交大並沒有太大的差異，但兩地上課的細節確實有所不同，例如講課的比例、同學的目標與想法。她在南安普頓上課時注

意到講課比例相對較少，許多課程都會加入實際操作和增強互動性。特別是實驗課，強調同學間的討論交流，並鼓勵在線上討論區尋求解決問題的方法。部分老師也善於運用學校或線上提供的資源，如使用 Discord 進行課堂問答或線上答疑活動。洪婕庭表示，南安普頓大學的大二和大三學生普遍已有實習經驗或對暑假有較完整的規劃，許多人在大一和大二開始尋找與未來就業有關的資源，並積累相關經驗。經驗上與台灣環境不同之處讓她覺得非常有趣。

在南安普頓的學習中，洪婕庭提及第一學期的課程較多團體作業，如遊戲設計課程。每次作業都需要兩人組隊完成，且不得與同一人合作。在與同學合作的過程中，洪婕庭發現需要應用課堂學到的知識以外，還需要創意發想，因此良好的合作能夠發揮很大的效果，互相引導出有趣的想法並將預期的功能實際實現，帶來成就感。

此外，南安普頓大學的學生服務中心非常值得一提。它結合了教務處、學務處和諮商中心，為學生提供協助。這讓洪婕庭感覺到該校非常重視學生的心理健康，除了有導師式的 PAT，還有更高層級的老師進行面談。學生服務中心還設有 24 小時運行的專線，可以隨時提供幫助。

洪婕庭提到，交換經驗豐富了她的學術和社交生活，並為她提供了深入了解南安普頓大學教學方法和學生生活的機會。這些經驗對於未來計劃出國交換的學生來說，將是一份寶貴的參考資源，她也希望她的經歷將激勵後來者，為他們的國際學習之旅提供指引和靈感。

在陽明交通大學的學術追求中，海外交換是一個重要的里程碑。資工系的洪瑋廷與洪婕庭兩位學生的國際交換經驗，不僅為他們自己帶來了寶貴的學習與生活體驗，也為學弟妹們提供了靈感與指引。這些經驗故事不僅是個人成長的見證，更是未來學弟妹們的寶貴資源。透過這些分享，我們期待更多陽明交通大學的學生能夠勇敢地踏出舒適圈，開拓自己的國際視野，並在全球舞台上發光發熱。他們的故事，將會激勵著下一代學子，為他們的海外學習之旅點亮路標。

Expanding Horizons: Insights from Computer Science Students Studying Abroad

As part of their pursuit of academic excellence, students at National Yang Ming Chiao Tung University often seize the opportunity to participate in international exchange programs, aiming to broaden their horizons and gain valuable experience. These programs present a unique set of challenges and opportunities, requiring courage and insight from both the students and those who have embarked on similar journeys before them. In 2022, two students, Wei Ting Hung and Jie Ting Hong, from the Computer Science Department, embarked on study abroad programs at the University of Southampton in the UK and Osaka University in Japan, respectively. This year, they are sharing their insights with their juniors, offering valuable advice and wisdom to future students.

Wei Ting Hung, a computer science student from the Class of '111, participated in the OUSSEP (Osaka University Short-term Student Exchange Program). In 2022, he went to Osaka University to study at the Law School. Hung chose Professor Elbalti's courses at the Law School, where he studied specialized subjects such as common law, Japanese law, Middle Eastern law, social law, and Islamic law. He observed that Professor Elbalti encourages active participation in class discussions among students, making attendance a significant factor in grading. However, the attendance requirements are flexible. Additionally, students can choose to enroll in either three elementary Japanese courses held at 8 a.m. weekly or an advanced Japanese course offered once a week. These Japanese language classes are designed to improve students' ability to express themselves in Japanese by focusing on various social issues.

Hung participated in the "Internship" course of the OUSSEP program. This course allowed him to interact with residents and various organizations, which helped him experience different cultures and ways of life. During the course, students visited different organizations and institutions, engaging in dialogues with non-profit organizations for elementary school students' after-school activities, local senior farmers, volunteers lighting candles at the memorial ceremony for the Great Hanshin Earthquake, Osaka Music University, Kyoto University's Yoshida Dormitory where students were living in protest, farmer bases, homeless squatters protesting against police in Shibuya Park. These hands-on experiences helped him gain a better understanding of Japanese culture, society, and way of life. Overall, his study abroad experience in Japan allowed him to gain deeper insights into various disciplines while also developing a better understanding of Japanese culture and society.

Jie Ting Hong was among the first batch of undergraduate students awarded overseas exchange scholarships from the College of Computer Science in 2022. She attended the University of Southampton for a one-year exchange program. During her stay at Southampton, Hong observed that the teaching methods were not significantly different from those at the National Yang Ming Chiao Tung University. However, there were differences in the details of the courses, such as the proportion of lectures, goals, and students' approach to learning. While attending classes at Southampton, she

noticed that the proportion of lectures was relatively low, and many courses incorporated practical exercises and enhanced interactivity. In laboratory classes, there was an emphasis on discussion and exchange among students, and they were encouraged to use online discussion forums to seek solutions to problems. Some teachers were also skilled in utilizing university-provided resources and online platforms like Discord for classroom Q&A and online tutoring activities. Hong mentioned that second and third-year students at the University of Southampton generally had internship experience or more comprehensive summer plans. They began seeking resources related to future employment in their first and second years, accumulating relevant experience. These experiences, different from those in Taiwan, fascinated her.

During her studies at Southampton, Hong observed that there were more group assignments in the first semester, particularly in the game design course. Each assignment required teams of two to complete, and they couldn't work with the same partner every time. By collaborating with her classmates, Hong discovered that besides applying knowledge learned in class, creativity was also essential. Therefore, effective collaboration could lead to significant outcomes, where each member could guide the other toward interesting ideas and implement the expected features, resulting in a sense of accomplishment.

The Student Services Center at the University of Southampton is a noteworthy facility that combines academic affairs, student affairs, and counseling services to provide support to students. Hong believes that the university places great importance on students' mental health by offering these services. The Personal Academic Tutor (PAT) program assigns a Personal Academic Tutor to each student, while senior tutors are available for counseling sessions. Furthermore, the Student Services Center operates a 24-hour hotline to assist students at any time.

Hong shared that studying abroad was a very enriching experience for her both academically and socially. She got to learn about the teaching methods and student life at the University of Southampton in-depth. Hong believes that her experiences will be a valuable reference for students who plan to study abroad in the future. She also hopes that her experience can inspire others to provide guidance and inspiration for their international learning journeys.

In pursuit of academic excellence, National Yang Ming Chiao Tung University considers overseas exchange a crucial milestone. Wei Ting Hung and Jie Ting Hong, two students from the Computer Science Department, have shared their international exchange experiences, which have not only enriched their own learning and life experiences but also inspired and guided their juniors. These experiential stories highlight personal growth and serve as valuable resources for future students. We hope that more students at National Yang Ming Chiao Tung University will be encouraged by these sharing sessions to step out of their comfort zones, broaden their international perspectives, and excel on the global stage. These inspiring stories will motivate future students and illuminate the path for their overseas learning journey.