

National University of Singapore Exchange Report

Student: GUO DELONG

Story of Singapore
Design Course Introduction
Design and Environment Introduction
Live and study in Singapore

Story of Singapore

Singapore is a country on the equator. For Singapore, I will not introduce too much. WIKI is very detailed above. NUS started out as a modest medical school with 23 students in 1905, founded by a determined group of businessmen led by Tan Jiak Kim, to serve the needs of the local community. Today, more than 100 years on, as Singapore's flagship university, NUS continue to be in service of country and society.

Design Course Introduction

I first wish to report on the course ID2106 Design Platforms course. In the NUS there are only about 10 students in each class. So teachers are able to take care of them and there are no teaching assistants. Every teacher is very responsible as Milan Polytechnic. Classes are more casual. LAB-course does not have a fixed classroom. All of them are taught in the form of a workbench. In addition to teaching knowledge, the teacher seems to be discussing the program with the students for the rest of the time. In Milan, this is called review. The design process is also very similar to polimi, starting with the research of the product, the source of inspiration, the concept scheme, the modification scheme, the competition product analysis, modeling, and rendering. The teacher will explain some of the other aspects of knowledge, so that the design of the students can be more realistic and feasible. Basically, each class will have a speech, explain their own project, and share with classmates. My project is a microwave oven, each class teacher will discuss my project, deepen, and then develop. After a regular group discussion during the extra-curricular time, everyone was together and discussed the design in a simple way.

It is a very practical course. The teachers in the class are senior professors of NUS and have a lot of experience. Because the students in the class are already staff in NUS, and the students in architecture-related majors have the same rich experience. The class time is set between 7pm and 10pm. It is also necessary to take care of the students who need to get off work and come to class. If you attend this course, you will obviously feel different from other courses because it is a practical course. The teacher described all the factors that affect the interior space. For example, sound, lighting, air quality, etc., through theoretical learning of some courses, we came into contact with real indoor test indicators. This gave me a fresh understanding of the interior. These engineers know that the function is only the purpose, and many of them are engineers who quietly give behind the back. For example, some of our indoor indicators, formaldehyde concentration, PM2.5 PM10, mold content, air flow, indoor CO2 content, indoor air humidity, all of these instruments are the ones I have never touched before, each time in the project laboratory we I am very excited about lending these instruments. On account of I can get some new knowledge. A total of 15 individuals were divided into two groups, a group of 7 individuals, and a group of 8 individuals. The project in our group consisted of testing all indoor indicators on the first floor of the teaching building SDE, and finding abnormal indicators. Then we analyzed these abnormal indicators. The cause of abnormal indicators. My task is to perform data measurement and data analysis for PM2.5 and PM10. There is an interim report in the middle of the course. Each student needs to write an interim report, then there will be a final test at the end of the period, and then the final dissertation, a summary of the course. I think this class is very practical, but it has a certain degree of difficulty. The threshold for learning is a bit high. It is a new understanding of various parameters and indicators, but if you really got it , you will benefit from it a lot.

Design and Environment

In 1969, the University of Singapore established a new Faculty of Architecture to offer degree programs in Architecture, Building and Estate Management. Three years later, the Faculty of Architecture was renamed the Faculty of Architecture and Building.

In 1986 the Department of Building Science merged with the Department of Building and Estate Management to form the School of Building and Estate Management which was subsequently renamed the School of Building and Real Estate in 1997. In June 2000 the Faculty of Architecture, Building and Real Estate was reorganised into the three present departments: Department of Architecture, Department of Building and Department of Real Estate, and its name changed to School of Design and Environment (SDE).

Since its establishment 50 years ago, SDE remains the only Faculty or School in a tertiary educational institution in Singapore responsible for offering education in architecture, urban design, building, project and facilities management, and real estate. During this period, graduates from the School contributed to the design, development and management of Singapore's built environment.

Live and study in Singapore

The exchange student like a big family members. Everyone is very happy together. At the same time, you can meet many students and friends in many countries to learn more about the culture. This is also a cognitive improvement for me. As the same time when the exchange-students are together, they will organize meals and travel from time to time. Singapore is on the equator and there are countries around it that can travel to the scenery is also very beautiful, for example, Indonesia, Malaysia. And their culture will make you more interested. Singapore itself is also a tourist country. There are many tourists from all over the world. Singaporeans are also hospitable. I have learned a lot in Singapore for half a year and I believe that it will be a help to my future life.

NUS has many clubs, such as swimming, rock climbing, boxing, etc., all of which are self-organized by students. Enrich students' lives while the school has many sports facilities, Basketball courts, tennis courts, etc., including the school's swimming pool, are free for NUS students. The NUS National University is really perfect and is worthy of ranking first in Asia.

Singapore's transportation

Singapore's cars are very expensive, and the ownership of all vehicles is not high. In this way, people can be encouraged to use public transportation to travel. At the same time, public transport in Singapore is particularly convenient. For instance the metro line is very fast. To add that Singapore is a country that is pursuing efficiency, so their elevators are faster than other countries I know. Singapore is very small, so you could take the bus travel the country.

The National University of Singapore is not the same as Milan Polytechnic. NUS started their second semester in January. So I finished the exams with the teacher before Christmas, but some exams can only be delayed until July. When I got off the plane at the airport, I felt the enthusiasm for the weather in Singapore. The real-time temperature in Milan was minus 2 degrees Celsius. Even if it was in winter, the weather in Singapore was about 26 degrees Celsius. The NUS campus is very large, Unlike Milan, Milan Polytechnic's schools are scattered in different locations in Milan, while the National University's schools are concentrated in one area. In this way, students can have the opportunity to meet more professional students that facilitate exchanges and increase your level of knowledge and understanding. If you want to go to class in the school district, you need to by the school bus. Because no matter which residence you stay at, the distance to school building is very far. For example, I am student of the design department, I have course at SDE. But I live in PGP. So I take A1 or A2 (shutter bus) every day to the SDE. It takes me about 18 minutes. It is very convenient to eat something in school, because after all, it is a country based on Chinese culture. There are two canteens downstairs in the dormitory, and there is also a canteen nearby the school building to provide food for students and teachers. The price is not very expensive. And it is worth mentioning that we have a 24-hour self-study room downstairs in our PGP bedroom. This

point is too important to me. As a student of learning design, I know that there are no end projects, so I often struggle in the study room. A 24-hour self-study room allows me to not consider closed questions, not just me. I usually study until late at night and I also see other students learning. There are many NUS dorms. The locals apply for a small number. They are generally reserved for international students and exchange students like us. Basically the bedroom is a room for one person. Some rooms have air condition, some rooms do not have air conditioning, and this one for the equator. It's really important for the countries involved.

National University of Singapore does not set up interior design or space design, design majors mainly focus on product design. In addition, students exchanged to Singapore University are mainly based on undergraduate students. Few postgraduates interact with Singapore, even if there are other majors. For me, the course I study in class every day is very similar to the course I studied at the Milan Polytechnic and the format of the class is very similar.

Thanks to the Politecnico di Milano for giving me an opportunity to exchange, which allowed me to learn more about my career and enrich my experience.

Responsible person at politecnico di milano:



Responsible person at National University of Singapore:

