

NGEE

ANN

POLY

SCHOOL OF DESIGN & ENVIRONMENT

- › HOTEL & LEISURE
FACILITIES
MANAGEMENT
- › PRODUCT DESIGN &
INNOVATION
- › REAL ESTATE BUSINESS
- › SUSTAINABLE
URBAN DESIGN &
ENGINEERING

LIVE DESIGN

School of **DESIGN & ENVIRONMENT**

- 8 Product Design & Innovation (N68)
- 11 Sustainable Urban Design & Engineering (N89)
- 15 Hotel & Leisure Facilities Management (N40)
- 19 Real Estate Business (N48)



In your view, the world is intricately designed.
You have a natural tendency to approach problems with a
design focus – and your solutions are often design-based.

To you, good design is key to creating a better world.
Curating and developing liveable spaces is also a
fundamental belief you hold strong to.

If any of these resonates with you, then the School of Design
& Environment (DE) diplomas would be perfect for you.

4 DIPLOMAS

ENDLESS POSSIBILITIES

At DE, we harness your talent for design and sense of empathy for those you are designing for. We also provide you with opportunities to think through seemingly complex processes to arrive at simple but brilliant solutions. This starts with training your perceptiveness for things, people, actions and your surroundings. In essence, the designer aims to make the world a better place to live in and we aim to help you get there.

Product Design & Innovation (PDI)

Conceptualise new and innovative products or re-design everyday objects to make them more eco-friendly, functional and attractive.

Hotel & Leisure Facilities Management (HLFM)

Manage hotels & leisure facilities to improve their operational efficiency and service standards while incorporating green technologies and best practices.

Sustainable Urban Design & Engineering (SDE)

Create a sustainable environment that is in harmony with nature and design spaces that enhance the quality of life.

Real Estate Business (REB)

Market and manage public and private properties to help owners maximise the value of their assets.



Here at DE the design methodology is applied across our 4 diplomas. It is so fundamental and pervasive in everything you do, that you will, in effect
live design.

BUILDING YOUR PORTFOLIO

Through real-world projects, you will see the concepts you learn in the classroom come to life. At DE, we equip you with the necessary skills and knowledge to design a better community for all. Plus, you'll graduate with a stellar portfolio to boot.



CLEAN WATER FOR KENYANS

Mok Zijie's Barrel may look like a simple plastic container, but this product can potentially improve the lives of Kenyans living in the rural villages who spend one-third of their day travelling to draw water for their homes. Designed to transport water easily, the Barrel also contains a filtration system that can distil water within. The Barrel can hold 90 liters of water.

Mok Zijie

PDI graduate, Class of 2018



ARTS INFLUX

The concept proposal for the Arts Hub is the continuous unbroken moment of Tai Chi. This is expressed by a design element which wraps and folds within the building form. This is also a metaphor for continual learning.

Bambang Azhar Irawan

SDE graduate, Class of 2016

LEARNING AND SERVING

As part of our service-learning based curriculum, you will get to apply your course skills and knowledge to benefit a community. Through this experience, you will discover a deeper meaning for your course, which will make your learning journey even more engaging.

MANAGE PROPERTIES FOR GOOD

For example, our Real Estate Business students studied property management and worked on a service-learning project with the HDB Town Council. They surveyed the housing estate, and carried out painting and repair works, and cleared obstruction to enhance the environment for the benefits of the community. Service-learning lets their classroom theories come to life! This service learning journey also allows students to apply their domain knowledge and skills to serve the community in public housing.



BUILD SCHOOL FOR THE UNDERPRIVILEGED

Service-learning is not confined to the local community. In a little village in Lombok, Indonesia, our DE students built a kindergarten from scratch for the village children. Apart from developing an acute eye for design and a better appreciation of building principles, our students also gained greater social awareness of the region beyond.



REAL-WORLD LEARNING

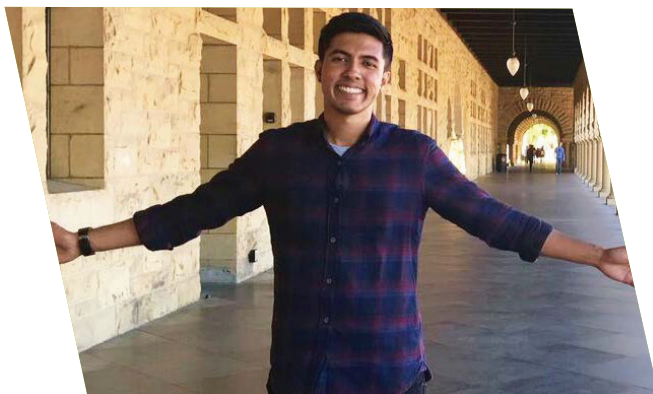
Your classroom is bigger than you think. You will have an opportunity to learn locally and overseas, through internships, study trips and on-site learning.



LEARNING LABS LOCALLY AND OVERSEAS

Learn the different aspects of the facilities and hospitality management locally and overseas from industry captains. At the same time, pick up tips on the management of client, safety & health as well as sustainable facilities & technologies.

Undertake industry collaborative workshops and learning journeys during their course of study. Have opportunities to immerse into the entrepreneurial culture at places like Silicon Valley and visit well-known companies such as Yahoo and Google.



OUR GRADUATES WITH THAT SOMETHING XTRA



"The comprehensive REB curriculum has given me an understanding of both business and management aspects of real estate. It prepared me well for my urban planning and real estate Bachelor's degree programme at the University College of London, and subsequently, my Masters' degree at the University of Cambridge."

Yeo Mei Lin

REB graduate, Class of 2012

Currently working as a consulting executive with Edmund Tie & Company.



"My studies at PDI was my stepping stone in the pursuit of my subsequent design studies and initiatives. It introduced me to the basics of design and it was where my foundation and skills were built. Upon graduation, I pursued my interest in Industrial Design at the National University of Singapore (NUS)."

Lim Li Xue

PDI graduate, Class of 2014

First Runner-Up in IKEA Singapore's Young Designer Award in 2015, Winner of Red Dot Design Award, Concept. Currently pursuing the Bachelor of Industrial Design at NUS.



"HLFM gave me many opportunities to gain insights about the built environment industry. The comprehensive knowledge and experiences gained from the projects I worked on and my internship with Mapletree helped to develop a foundation which was beneficial for my degree programme."

Chua Wei Yin

HLFM graduate, Class of 2017

Currently pursuing the Bachelor of Science (Project and Facilities Management) at NUS.



"I am a strong believer in hard work and grit. To me, life is not just about choosing what I love to do, but also choosing what to do with what I am given. I chose SDE out of passion and worked hard at it. My efforts paid off when I graduated with a diploma with merit."

Gavin Low

SDE graduate, Class of 2013

Currently pursuing Architecture in NUS. Recipient of BCA-CapitaLand Built Environment Undergraduate Scholarship 2017, Dean's List in 2016 and 2017.



Get latest updates on course

N48 DIPLOMA IN REAL ESTATE BUSINESS

- ▶ The one and only diploma in the business and management of real estate
- ▶ A comprehensive programme in real estate management with a strong foundation in property management, property valuation, and marketing and business.
- ▶ Endorsement by regulatory authorities such as HDB, IRAS, WSHC, SISV and SCDF
- ▶ Additional Fire Safety Manager and bizSAFE certifications upon graduation
- ▶ Internship with leading real estate firms



/ WHAT THE COURSE IS ABOUT /

Fancy yourself a quick thinker with your pulse on the property beat? Want to further hone your intuition for trends in the fast-paced industry of land planning and estate redevelopment? Look no further – the Diploma in Real Estate Business (REB) is well-equipped to train you in both the business and management aspects of the industry.

The course will give you the necessary skillsets to help property owners, investors and tenants to maximise the use of their properties to achieve the highest financial returns. You will also play a role in the valuation, strategic marketing and management of residential, commercial and industrial properties, as well as private and public residential properties.

In your first year, you will learn the fundamentals of real estate business and building management.

In your second year, you will be exposed to the management, marketing, space planning, urban planning and sustainability, and legal aspects of real estate. You will also learn how to conduct property valuation and manage client relationships.

In your final year, you will be taught financial and business management such as real estate finance, investment, global business and entrepreneurship alongside other aspects of building management such as building maintenance and refurbishment and fire safety management. You will also undertake an industry-based project or internship (locally or overseas, such as in Silicon Valley).

Plus, you may get to go on overseas study tours to Malaysia, Shanghai, Hong Kong and Melbourne. There will also be local field trips that let you gain industry insights from property gurus.

/ WHAT YOU WILL LEARN /

YEAR 1

- Building Components & Finishes
- Economics
- Environmental Health & Workplace Safety
- Introduction to Electrical Facilities
- Introduction to Mechanical Facilities
- Introduction to Real Estate Business
- Principles of Accounting
- Principles of Law
- Principles of Marketing
- Real Estate Market Research & Statistics
- Career and Professional Preparation I
- English Language Express**
- Communication Essentials^
- Innovation Made Possible^
- Sports & Wellness^

YEAR 2

- Client Relationship Management
- Elements of Sustainable Environment
- Project Management
- Property Management 1 & 2
- Property Valuation
- Real Estate Law
- Real Estate Marketing
- Space Planning
- Urban Planning & Sustainability
- Career & Professional Preparation II
- World Issues: A Singapore Perspective^
- Any one IS elective^

YEAR 3

- Building Maintenance & Asset Enhancement
- Fire Safety Management
- Global Business & Entrepreneurship
- Real Estate Finance
- Real Estate Investment
- Six-month Internship OR
Three-month Internship and Final-Year Project
- Project ID: Connecting the Dots^

^ Interdisciplinary Studies (IS) modules account for up to 14 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

** For selected students only.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.

/ CAREER /

Upon graduation, you can find jobs in all sectors of the real estate industry. You will also be able to work with finance and investment companies that deal in property assets.

You can take on the role of an executive overseeing property investment, management, marketing, planning and redevelopment, finance and housing loans, property valuation and much more.

Potential employers include government departments, regulatory authorities and statutory boards, banks, property development and investment companies, real estate consultancies and town councils, property management companies and marketing agencies.

/ FURTHER STUDIES /

As an REB graduate, you may enjoy up to one year of module exemptions when you pursue degrees in real estate or project & facilities management at the National University of Singapore. These overseas universities also accept REB graduates into related bachelor's degree programmes with advanced standing:

- Cambridge University (UK)
 - Bachelor of Art in Land Economy
- University College London (UK)
 - Bachelor of Science (Planning and Real Estate)
- University of Reading (UK)
 - Bachelor of Science in Real Estate
 - Bachelor of Science in Investment & Finance in Property
- Heriot-Watt University (UK)
 - Bachelor of Science in Real Estate Management (Honours)
- University of Melbourne (Australia)
 - Bachelor of Environment in Property
- University of Queensland (Australia)
 - Bachelor of Business Management in Real Estate and Development
- University of South Australia (Australia)
 - Bachelor of Business in Property
- University of Auckland (New Zealand)
 - Bachelor of Property

/ ENTRY REQUIREMENTS /

AGGREGATE TYPE **ELR2B2-C**

To be eligible for consideration, candidates must have the following GCE 'O' Level examination (or equivalent) results.

SUBJECT	'O' LEVEL GRADE
English Language*	1-7
Mathematics (Elementary/Additional)	1-6
Science (with Physics, Chemistry or Biology component) or Biotechnology or Computing/Computer Studies or Design & Technology or Design Studies or Electronics/Fundamentals of Electronics	1-6

You must also fulfil the aggregate computation requirements.

* Candidates with English as a second language (EL2) must have attained a minimum grade of 6.

Candidates who have completed the Higher Nitec in Facility Management and issued with the Fire Safety Manager Certificate will be exempted from the Fire Safety Management module in this diploma.

CONTACT US

For the most up-to-date information on NP's Diploma in Real Estate Business, log on to www.np.edu.sg/reb