SCHOOL OF
DESIGN &
ENVIRONMENT

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

<table>
<thead>
<tr>
<th>4 DIPLOMAS ENDLESS POSSIBILITIES</th>
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<tbody>
<tr>
<td><strong>Product Design &amp; Innovation (PDI)</strong></td>
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<tr>
<td>Conceptualise new and innovative products or re-design everyday objects to make them more eco-friendly, functional and attractive.</td>
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<tr>
<td><strong>Hotel &amp; Leisure Facilities Management (HLFM)</strong></td>
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<tr>
<td>Manage hotels &amp; leisure facilities to improve their operational efficiency and service standards while incorporating green technologies and best practices.</td>
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<tr>
<td><strong>Sustainable Urban Design &amp; Engineering (SDE)</strong></td>
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<tr>
<td>Create a sustainable environment that is in harmony with nature and design spaces that enhance the quality of life.</td>
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<tr>
<td><strong>Real Estate Business (REB)</strong></td>
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<td>Market and manage public and private properties to help owners maximise the value of their assets.</td>
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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 Zjie’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 Zjie
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
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.
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.
“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
N40 DIPLOMA IN HOTEL & LEISURE FACILITIES MANAGEMENT

- On-site learning at leading hotels, resorts, commercials and leisure facilities
- Opportunity to participate in SkillsFuture Earn and Learn Programme (ELP) certifications relating to Hospitality and Facilities Management
- Dual-Internship programme to provide graduates with a head start in their careers
- Additional Fire Safety Manager and bizSAFE certifications upon graduation
- Recognition by professional bodies and regulatory authorities
- Advanced standing to top universities locally and overseas

Get latest updates on course
WHAT THE COURSE IS ABOUT

If you’re excited at the prospect of working at reputable hotels and learning the intricacies of managing modern facilities upon graduation, you’re well suited for the Diploma in Hotel & Leisure Facilities Management (HLFM).

The course will provide you with a strong foundation in managing and operating hotels and leisure facilities. It covers a broad range of areas, from front-office to back-of-the-house operations such as food and beverage, housekeeping, workplace safety & health, business continuity and intelligent building systems.

A practice-oriented diploma, HLFM provides experiential learning from the start. In your first year, you will visit local hotels and attend off-campus workshops where you can put into practice what you have learnt in class and get a better understanding of the hospitality and facilities management industry.

In your second year, you will learn about managing shopping malls and integrated resorts, marketing and consumer behaviour, green building management, essential building elements and security management. You will also attend learning labs with sharing sessions conducted by the management.

In your final year, you can gain valuable work experience through an enhanced internship with our industry partners such as Marina Bay Sands, Resorts World at Sentosa, Fairmont Singapore, Swissotel The Stamford, Shangri-La Singapore, City Developments Limited, Frasers, AsiaMalls Management Pte Ltd and CapitaLand. Choose to take up a six-month internship or a three-month internship with a final-year project, or go for our new dual-internship programme comprising a three-month and six-month internship. The dual-internship will provide you with a head start in your career in the facilities management and hospitality management industry.

As an HLFM graduate, you will also be awarded a bizSAFE Certificate and a Fire Safety Manager Certificate that allows you to be registered as a Qualified Fire Safety Manager.
/ WHAT YOU WILL LEARN /

YEAR 1
- Front Office Management
- Food & Beverage
- Executive Housekeeping
- Customer Relationship Management
- Mechanical Facilities
- Electrical Facilities
- Business & Contract Law
- Principles of Accounting
- Financial Resources & Statistics
- Economics
- Career and Professional Preparation I
- English Language Express**
- Communication Essentials*
- Innovation Made Possible*
- Sports & Wellness*

YEAR 2
- Events Management
- Shopping Mall & Strata Management
- Marketing & Consumer Behaviour
- Building Elements
- Computer Aided Design
- Green Building & Energy Management
- Integrated Resort Amenities Management
- Principles of Management
- Security Management & Business Continuity
- Facilities Maintenance & Building Automation
- Occupational Health and Safety
- Career and Professional Preparation II
- World Issues: A Singapore Perspective*
- Any one IS elective*

YEAR 3
- Fire Safety Management
- Project ID: Connecting the Dots*

Pathway 1
- Interior Design & Aesthetics
- Building Maintenance & Asset Enhancement
- Hotel Operations & Management
- Project Planning & Management
- Six-month Internship OR
  Three-month Internship and Final Year Project

Pathway 2
- Dual internship comprising Three-month Internship AND Six-month Internship
- Building Maintenance & Asset Enhancement OR
  Hotel Operations & Management

* 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.
/ CARRIER /
As an HLFM graduate, you have the best of both worlds – with your training in both front-of-the-house and back-of-the house operations, you're more likely to gain employment in the facilities management and hospitality industry. You can work as an assistant engineer, business development executive, facility officer/executive, technical executive, attractions operations executive, catering and service executive, events operation executive, front office executive, guest relations executive, public relations executive, sales and marketing executive, reservations executive and numerous other careers.

You will also be eligible to apply for the SkillsFuture Earn and Learn Programme (ELP) in the hospitality management and facilities management sector. The ELP allows you to complete a specialist diploma to deepen your knowledge and enhance your career progression while you are working at a participating organisation.

/ ENTRY REQUIREMENTS /
AGGREGATE TYPE ELR2B2-C
To be eligible for consideration, candidates must have the following GCE 'O' Level examination (or equivalent) results.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>‘O’ LEVEL GRADE</th>
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<tbody>
<tr>
<td>English Language*</td>
<td>1-7</td>
</tr>
<tr>
<td>Mathematics (Elementary/Additional)</td>
<td>1-6</td>
</tr>
<tr>
<td>Science</td>
<td>1-6</td>
</tr>
<tr>
<td>(with Physics, Chemistry or Biology component) or Biotechnology or Computing/Computer Studies or Design &amp; Technology or Design Studies or Electronics/Fundamentals of Electronics</td>
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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 with severe vision or hearing deficiency should not apply for the course.

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.

/ FURTHER STUDIES /
With a well-recognised diploma under your belt, you can continue your education in both local universities and many overseas universities with credit exemptions.

HLFM graduates who apply to study in related degree courses will be given additional credit exemptions. These related degree courses include:

- National University of Singapore
  - Bachelor of Science (Project & Facilities Management)
  - Bachelor of Science (Real Estate)
- Singapore Institute of Technology
  - Bachelor of Hospitality Business
  - Bachelor of Engineering in Sustainable Infrastructure Engineering (Building Services)
- University of Nevada, Las Vegas (US)
  - Bachelor of Science Hospitality Management Major
- University of Melbourne (Australia)
  - Bachelor of Design
- University of New South Wales (Australia)
  - Bachelor of Construction Management and Property
- Le Roches International School of Hotel (Switzerland)
  - Bachelor Degree in International Hotel Management
- Glion Institute of Higher Education (Switzerland)
  - Bachelor of Business Administration in Hospitality Management

CONTACT US
For the most up-to-date information on NP's Diploma in Hotel & Leisure Facilities Management, log on to www.np.edu.sg/hlfm