YOUR COURSE GUIDE TO
THE RIGHT CHOICE
FOR INTERNATIONAL STUDENTS
2024/25

Information correct as of June 2024
Poly grads beat odds to come out tops

For the latest updates on Singapore Polytechnic, follow us on:

SP IN THE NEWS

Dari pelajar lepak, ‘rapper’ kini ada wawasan seni

All 5 polytechnics ramping up sustainability courses to prepare students for green economy

Record number of polytechnic grads, 18 of them, admitted to NUS medicine this year

Singapore Polytechnic scholar changing the world with kindness and business acumen

SP IN THE NEWS

5 ADVANTAGES OF STUDYING AT A POLYTECHNIC IN SINGAPORE

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For the latest updates on Singapore Polytechnic, follow us on:
5 ADVANTAGES OF STUDYING AT A POLYTECHNIC IN SINGAPORE

1. Prestigious Reputation in the Industry

Because a Singapore polytechnic education focuses heavily on application-based learning and hands-on problem solving using real-world situations, many leading public and private sector companies would actively hire candidates who hold a Singapore polytechnic diploma because they have much more experience, training and skills required to tackle the job.

FUN FACT
9 in 10 polytechnic graduates get jobs within 6 months of graduating, similar to the employment rate of university graduates.

2. Highly Regarded by International Institutions

Unlock new possibilities with a polytechnic education in Singapore that is internationally recognised by many institutes of higher learning. SP is also a co-leader of an alliance, the Conceive-Design-Implement-Operation (CDIO) Initiative consisting of more than 150 universities worldwide, that strives for the advancement of engineering education.

FUN FACT
SP is the first polytechnic in Asia to adopt the CDIO education framework that was developed by Massachusetts Institute of Technology (MIT).

3. An Education Qualification Highly Recognised Worldwide

A Singapore polytechnic diploma is a valuable qualification that can pave the way for higher studies as well as kick start your career. With a wide variety of over 30 courses and immense practical exposure, the curriculum of a polytechnic education equips you with relevant skills needed to tackle real-world problems—preparing you for the rigours of university or the workforce.

FUN FACT
Over 65% of SP graduates further their studies at a university locally or overseas.

4. Unique Local and International Exposure

Gain a competitive edge in your future career through industry internship opportunities at leading companies in Singapore and abroad that will help build your professional network. You will also get a chance to participate in regional and international competitions that pit your skills among other institutes of higher learning.

FUN FACT
SP students developed the first solar-powered car that was Singapore’s sole representative at the World Solar Challenge which requires participants to travel over 3,000km from Darwin in Northern Australia to Adelaide in South Australia in 5 days.

5. Accelerated Pathway to a Bachelor’s Degree

The top universities in Asia, including the National University of Singapore (NUS) and Nanyang Technological University (NTU), offer advanced standing and credit exemptions for polytechnic graduates. Many overseas universities in the United Kingdom, United States of America or Australia also offer exemptions that can accelerate your degree programme and shorten your undergraduate studies by up to a year or more.

FUN FACT
SP’s engineering students have the opportunity to take modules taught by NUS and the Singapore University of Technology and Design (SUTD) during their polytechnic studies, giving them the unique head start in university life, and shortening the time between diploma to degree to work.

Home country: Malaysia
National University of Singapore (NUS), Bachelor of Computing, Class of 2025
SP Diploma in Electrical & Electronic Engineering, Class of 2022

The NUS-SP Collaboration Programme was rigorous and demanding but I was lucky to have a group of friends who motivated one another. We worked hard together and were able to complete the necessary modules in year 3 semester 2. We then took on NUS bridging modules that others would only take after they entered NUS. With our poly engineering math experience and Electrical & Electronic Engineering background, the bridging modules were manageable.

This programme allowed me to have a taste of what it’s like to study in NUS and I was able to adapt easily upon matriculation. The module exemptions also shortened my degree programme from 4 to just 3 years.

CHENG JINHAO
We are the first polytechnic to introduce a fully customised elective programme. In addition to the modules from your chosen diploma, you can also select from more than 100 electives to complement your studies and enhance your knowledge in a particular area of interest.

We launched Singapore's first Cyber Security Academy among institutes of higher learning.

We are proud to be the first polytechnic to sign a Memorandum of Understanding (MOU) with the Institute of Singapore Chartered Accountants (ISCA) in 2019 to help enhance the digital capabilities of Small Medium Practices (SMPs), through our Client Project module.

We launched the first-of-its-kind Diploma in Applied AI & Analytics among the polytechnics in Singapore.

We have the largest community of over 220,000 alumni hailing from different nationalities, cultures and backgrounds. From veteran engineers to doctors and architects, many of our graduates are highly sought-after professionals in the industry.

We have the largest campus among all the polytechnics in Singapore, spanning 38 hectares.

We're the only polytechnic in Singapore to be connected directly to a railway station (Dover MRT). Rain or shine, getting to campus is a breeze! You will also find many dining, shopping and entertainment venues nearby.

We have the greenest campus with over 230 species of floral.
In addition to having the largest campus among all the polytechnics in Singapore, we are also one of the greenest. With over 230 species of tropical plants and trees, our beautiful campus is vibrant, safe and well-equipped with everything you need to achieve your best.

A quiet space to study and feel at home at the same time. Our library is fitted with comfy and unique spaces that promote interaction, collaboration and innovation.

Take in the sights and sounds of our campus and unwind at one of the many outdoor study areas. Spending time in nature can help relieve stress and anxiety, and promote your overall well-being.

Prefer studying outdoors? Eleven2 is a fully-sheltered outdoor area where you can study, eat, and play.

Be spoiled for choice with 6 food courts in addition to fast food options such as McDonald’s, KFC and Subway.

Living on campus means you will be part of a community from the moment you arrive in Singapore. Make lifelong friends, live near to classes and amenities, and rest assured knowing your home away from home is safe and secured.

Get active with 12 badminton courts, 4 squash courts, 2 tennis courts and 2 basketball courts located at our 5-storey Sports Arena. We also have a running track, swimming pool, gym and more outdoor sports facilities.

5 major banks (UOB, DBS, OCBC, Maybank, and Standard Chartered) are conveniently located at Clementi for all your banking needs. There is also a post office within Clementi Mall.

Just one train stop away from SP is the bustling neighbourhood of Clementi where you can try local food, shop for affordable living essentials and groceries, or even catch a movie at a cinema.

From local hawker centre food at Clementi, to quaint cafes near Buona Vista (also one train stop away from SP), you have a wide variety of dining options just minutes away from campus.

In addition to studying indoors in the library, students also have the option to study outdoors in the Eleven2 area, which is fully-sheltered and provides a comfortable space to study.
Coming to a new country to study can be exciting yet scary at the same time. You will make lots of new friends and share many wonderful experiences together. It can also be challenging if you are living away from your family for the first time. To help you adjust, here are some tips from international students studying in SP.

Finding Accommodation

Singapore has many property rental websites so it was really easy for me to find a room to stay. I found a place just two train stops away from school, which takes me only 10 minutes to get to class!

Working While Studying

Poly students are allowed to work part-time up to 16 hours per week during term time and can work full-time during vacation period without the need to seek approval. You can check out the Ministry of Manpower website (www.mom.gov.sg) for more information.

Making Meaningful Connections

I joined the International Students Club when I first came to SP and it was one of my best decisions as I got to meet a lot of people from other countries. Most of us are studying here alone and may feel a bit homesick sometimes, but we all have that close connection because we are in a similar situation. Being part of the club and joining the many activities and events also helped me to feel more at home.

Getting Around Singapore

You can easily find a MRT (mass rapid transit) train or a bus stop literally anywhere. Public transport is also very affordable for students (it costs only $0.65 to get from school — Dover MRT to Orchard Road, one of the main shopping districts in Singapore). I really like exploring the south side of Singapore — Telok Blangah, Sentosa, Marina Bay area. You should definitely check out Gardens by the Bay too!

Living Expenses

You can find very affordable food at the local ‘kopitiam’ (coffee shop), ranging from $3.50 - $5 for a plate of Chicken Rice or Mixed Vegetable Rice. Food on campus is also slightly cheaper and SP has 6 food courts for you to choose from.

But if you prefer cafes and restaurant quality food, there are also more expensive options available at many shopping malls. For me, I spend around $800 to $1400 per month which includes rent, food, transportation, entertainment, mobile and utilities.
### Important Dates

Check out some of the important dates you need to note for your application to SP here!

<table>
<thead>
<tr>
<th>QUALIFICATION</th>
<th>APPLICATION PERIOD</th>
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<tbody>
<tr>
<td>All International Qualifications</td>
<td>Oct / Nov 2024</td>
</tr>
<tr>
<td>SPM / STPM</td>
<td>Oct / Nov 2024</td>
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<tr>
<td>UEC</td>
<td>Oct / Nov 2024</td>
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<td>International Baccalaureate (IB)</td>
<td>Jan 2025</td>
</tr>
<tr>
<td>GCSE / IGCSE / GCE (non Singapore-Cambridge)</td>
<td>Jan 2025</td>
</tr>
</tbody>
</table>

### Application process for International Students

1. Submit an online application and upload supporting documents.
   - Step-by-step guide:
     - [Qr Code]

2. Selected applicants may need to take an Entrance Test depending on your qualifications. Results will be announced within one month of the test.
   - Check your qualifications:
     - [Qr Code]

3. Successful applicants will need to complete an e-Enrolment and apply for a Students’ Pass with the Immigration & Checkpoints Authority of Singapore.

### Tuition Grant

Should you choose to take up the Tuition Grant (TG), you will be required to make an online application and then sign the TG Deed with the Government of Singapore (MOE Official).

Under the terms of the TG Deed, you will be bonded to work for a Singapore company for 3 years upon graduation.

Two sureties are required for the execution of the TG Deed. They can be of any nationality, above 21 years and below 65 years of age and must not be bankrupt.

### COURSE FEES 2023/24

<table>
<thead>
<tr>
<th>Course Fees for International Students</th>
<th>Total Per Academic Year</th>
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<tbody>
<tr>
<td>TUITION FEE (TF)</td>
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<td>OTHER FEES:</td>
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<td>Examination</td>
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<td>Statutory Licence Fee (Class)</td>
<td>$8.18</td>
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</table>

### STUDENTS’ UNION:

| Entrance Fee                          | $5.00                   |
| Subscription Fee                      | $18.00                  |

FEES PAYABLE $12,132.66

SCAN THIS QR to find out more about our course fees!
Creating a Sustainable Future

Welcome to the School of Architecture & the Built Environment (ABE), where you shape city skylines, design futuristic spaces, and create vibrant environments.

With a legacy since 1958, ABE is a leading institution, prioritizing student-centered learning and fostering creativity. Partnering with industry professionals, we offer immersive experiences, real-world projects, and valuable industry insights.

WHY ABE?

ABE trains our students to be creative and competent in making Singapore a great city to live, work and play in.

Learning journeys in ABE also stretch beyond Singapore’s shores through overseas study trips, internships, competitions and community service trips to inculeate a global mindset in our students.

You’ll have access to our top-of-the-line learning facilities at ABE, such as:

• The Digital Building Innovation Centre (DBIC): Launched in 2019, it supports the industry’s efforts in digitalisation
• The Event Hall (Upcoming in 2024): Prepares students with the relevant, industry-aligned skillsets needed to thrive in the future of architecture.
• The Smart Facilities Learning Lab: A prototypical showcase for research, teaching, and learning

WHAT YOU CAN EXPECT

• Visualiser/Storyteller
• Design Researcher
• Designer
• Assistant Specialist (Digital Delivery)
• Architectural Associate

By seamlessly blending sustainability, technology, and innovation, you’ll have the power to shape vibrant, livable cities that leave a lasting impact.

Join our Diploma in Architecture and embark on an exhilarating journey to redefine how people live, breathe, and connect with their surroundings. Prepare to make your mark in the world of design, where endless possibilities await.

FURTHER STUDIES

The strength of your DARCH diploma will empower you to implement energy-efficient solutions, contributing to a healthier planet.

Gain the necessary skills for a future where sustainability is essential for success. Unleash your imagination and join us at ABE for an exciting journey of innovation and architectural excellence.

ENTRY REQUIREMENTS

Range of Net 2024 JAE ELR2B2: 4 – 15

Any one of the following relevant subjects for the ELR2B2-D Aggregate Type:

• Art
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Creative 3D Animation
• Design & Technology
• Design Studies
• Food & Nutrition/Nutrition & Food Science
• Electronics/Fundamentals of Electronics
• Higher Art
• Media Studies (English)
• Media Studies (Chinese)
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

Creating Liveable Cities Through Innovation

Do you often stop to admire and wonder how skyscrapers, museums and bungalows were designed? Do you find yourself dreaming up new spaces and imagining how people respond to them? At the Diploma in Architecture (DARCH), you will have the opportunity to pursue your curiosity and bring your dreams to life in creative and meaningful ways.

Gain the necessary skills for a future where sustainability is essential for success. Unleash your imagination and join us at ABE for an exciting journey of innovation and architectural excellence.

For more information regarding entry requirements, courses and careers, please contact:

School of Architecture & the Built Environment
Tel. (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/abe

Having performed my internship at a renowned local architecture firm for 2 months, it was eye-opening to see how it is like in the working world. The Computer Aided Design software learnt in school was very beneficial and I was able to apply my skills during my internship. Learning about the codes and regulations of government agencies like BCA, URA and SCDF and applying them in my school projects allowed me to understand and adapt to the working environment and pace in the firm quickly.

Janessa Kwan
DARCH Gold Medallist
Internship at DP Architects
Transforming the Cities of Tomorrow
Dive into a world of structures and mega projects. With the Diploma in Civil Engineering (DCE), you'll be right at the heart of designing, building, and taking care of the stuff that keeps the pulse of modern society strong. Think skyscrapers, highways, bridges, airports, and so much more!

Experience the art of turning innovative designs into reality. Master the construction of safe, efficient, and eco-friendly infrastructure. You’ll develop skills for the digital economy, creating intelligent, interconnected structures using cutting-edge technologies like smart building systems and automation.

Singapore’s booming construction landscape offers abundant career prospects, including major projects like Changi Airport Terminal 5 and new prospects, including major projects like Changi Airport Terminal 5 and new

WHAT YOU CAN EXPECT
- Adoption of the Conceiving — Designing — Implementing — Operating (CDIO) Framework that provides you with an education stressing Civil Engineering fundamentals set in the context of CDIO real-world systems and products.
- Opportunities to take part in competitions, seminars, overseas community service projects and study trips.
- Be equipped with relevant Civil Engineering Technical Skills & Competencies (TSC) and Critical Core Skills (CCS) that are aligned with the Skills Framework for the Built Environment.
- 22-week internship programme to apply classroom learning to real life projects and to develop professional skills.

CAREER OPTIONS
- Assistant Engineer
- Assistant Project Manager
- Assistant Quantity Surveyor
- BIM Specialist
- Building Construction Safety Supervisor
- CAD Engineer
- Chartered Economist
- Green Mark Accredited Professional
- Marketing Sales Executive
- Resident Technical Officer
- Site Supervisor
- Technical Executive

Scholarships
- A*STAR Science Award
- American Concrete Institute - Singapore Chapter Scholarship
- DSTA Scholarship
- PUB Engineering Scholarship
- Sarojini Devi Award
- SIU Engineering Scholarship
- Yogarajah Scholarship and Bursary Fund

In my role as an engineering trainee, I provided support to my team leader in the field of engineering design. Looking back on my internship, I’ve gained valuable experience in engineering design and expertise with various tools. This experience allowed me to develop a deep appreciation for the process of creating blueprint drawings and understanding how they serve as the foundation for constructing physical structures.

Yip Wen Xuan
DCE Gold Medallist
Internship at DP Engineers

FURTHER STUDIES
With your SP diploma, you can gain direct entry into the second year of Civil Engineering degree programmes at the Nanyang Technological University (NTU) or National University of Singapore (NUS), as well as pursue a Civil Engineering degree at the Singapore Institute of Technology (SIT). Alternatively, you can pursue a degree in Building & Project Management at the Singapore University of Social Sciences (SUSS) or complete a related degree in two or three years in countries such as Australia or the United Kingdom.

Elevating Spaces, Shaping Experiences
From managing facilities and spaces, creating sustainable environments, and implementing innovative solutions, the Diploma in Facilities Management (DFM) will empower you to shape how people experience and interact with various spaces.

In today’s digital era, facilities management is at the forefront of embracing new technologies and innovative solutions.

You’ll explore SMART FM technology, automation, the Internet of Things (IoT), and data analytics. You’ll learn to implement environmentally friendly initiatives, such as energy-efficient systems, waste management strategies, and sustainable building practices. These advancements are revolutionising how spaces are managed, making it an exciting field to be a part of.

A world of exciting career opportunities awaits you in facilities management. Whether you choose to work with property developers, service providers, government agencies, or statutory boards, your expertise will be highly valued. You will also be awarded with three additional certificates upon graduation:
- Fire Safety Manager
- BISafe Level 2 (Risk Management)
- Supervise Construction Work for WSH

FURTHER STUDIES
You can gain entry to a relevant degree course from local and international universities. The strength of your DFM diploma will get you generous exemptions from reputable international universities and module exemptions from local universities.

WHAT YOU CAN EXPECT
- Get involved in industry-linked projects with opportunities to explore innovative solutions.
- Participate in immersive out-of-classroom projects and gain practical knowledge about the industry through site visits.
- Develop professional skills in a 22-week internship programme, at reputable organisations.
- Embark on enriching overseas internships and/or study trips to broaden your perspective and gain valuable insights.
- Gain industry relevant certifications that will give you a competitive advantage when you join the industry.

Scholarships
- Singapore Polytechnic Scholarship
- Singapore Polytechnic Scholarship

Career Options
- Smart Building & Facility Management Ecosystem Executive
- Building Executive
- Contracts/Procurement Executive
- Customer Service Executive
- Facilities Executive
- Fire Safety Manager
- Operations Executive
- Project Coordinator
- Property Executive
- Safety and Security Officer
- Strata Executive

My internship was truly enlightening, thanks to the interactions with colleagues and the mentorship I received. The internship revealed how these diverse knowledge areas taught in school seamlessly intersect in the real job. There are no individual silos and this has led me to think critically on how to best apply these different knowledge bases to best perform on the job.

Ng Ding Yao
DFM Gold Medallist
Internship at Sentosa Development Corporation (SDC)

FACILITIES MANAGEMENT

DFM – S95

ENTRY REQUIREMENTS
Range of Net 2024 JAE ELR2B2: 7 – 23
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>English Language</td>
<td>1 – 7</td>
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<td>Mathematics (Elementary/Additonal)</td>
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<td>Any one of the following subjects:</td>
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<tr>
<td>• Biology</td>
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<tr>
<td>• Biotechnology</td>
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<td>• Chemistry</td>
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SCHOLARSHIPS
- A*STAR Science Award
- American Concrete Institute - Singapore Chapter Scholarship
- DSTA Scholarship
- PUB Engineering Scholarship
- Sarojini Devi Award
- SIU Engineering Scholarship
- Yogarajah Scholarship and Bursary Fund

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FURTHER STUDIES
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- Participate in immersive out-of-classroom projects and gain practical knowledge about the industry through site visits.
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Scholarships
- Singapore Polytechnic Scholarship
- Singapore Polytechnic Scholarship

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- Property Executive
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Ng Ding Yao
DFM Gold Medallist
Internship at Sentosa Development Corporation (SDC)

CIVIL ENGINEERING

DCE – S68

ENTRY REQUIREMENTS
Aggregate Type: ELR2B2-D

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<td>• Higher Art</td>
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<td>• Media Studies (English)</td>
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<td>• Media Studies (Chinese)</td>
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INTERIOR DESIGN
DID – $89

Designing Meaningful and Purposeful Interior Spaces

Are you fascinated by how different design styles can transform a space and create unique experiences? Delve into the Diploma in Interior Design (DID), where you’ll fuel your creativity, embrace design challenges and push the boundaries of the possibilities within a space.

WHAT YOU CAN EXPECT
- Learn cutting-edge design techniques and methods, combining hands-on exploration and digital, parametric design.
- Develop strong research grounding with an emphasis on experimenting to push the boundaries of your design ideas.
- Gain broad exposure to design trends by participating in overseas and local study trips and workshops conducted by local and international designers.
- Participate in Live Client Studio programmes with industry partners to see your design come to life!

SCHOLARSHIPS
- Singapore Polytechnic Scholarship

FURTHER STUDIES
You can gain direct entry into various undergraduate degree programmes offered by local and other international universities. You will also be exposed to specialisation workshops and studio projects that will allow you to graduate with a design portfolio recognised by employers in the design industry, as well as universities.

INTEGRATED EVENTS & PROJECT MANAGEMENT
DEPM – $50

Shaping Tomorrow, One Event at a Time

Ready for a thrilling career that’s fast-paced and full of excitement while advocating sustainable events planning and management? If you have an eye for detail, a flair for creativity, and love working with diverse personalities, the Diploma in Integrated Events and Project Management (DEPM) is your perfect fit!

WHAT YOU CAN EXPECT
- Acquire hands-on experiences through planning and managing school events and real-life industry projects such as Go Green SP (Singapore Polytechnic, Industry and Partnership), Global Connect Networking events (Singapore Business Federation), Getactive! Singapore Sport Festivals (Team Nila (Sport Singapore), Pan Pacific Connections Appreciation Event (Parlroyal Collector) and Hawking Halloween 3 (Singapore Discovery Centre).
- Gain practical knowledge through enriching learning journeys, local and overseas competitions and networking with industry captains.
- Develop professional skills through internship, expand global perspective with overseas opportunities.

SCHOLARSHIPS
- Sands Hospitality Scholarship
- Singapore Polytechnic Scholarship

CAREER OPTIONS
- Client Experience Manager/Executive
- Conference Manager/Executive
- Event Manager/Executive
- Event Marketing and Sales Manager/Executive
- Exhibition Manager/Executive
- Operations/Project Manager/Executive
- Sponsorship Sales Manager/Executive

FURTHER STUDIES
You can gain entry to a relevant degree program from local and international universities. The strength of your DEPM diploma can open doors to advanced standing opportunities from reputable international universities and module exemptions from local universities.

ENTRY REQUIREMENTS
Range of Net 2024 JAE ELR2B2: 11 – 54
Aggregate Type: ELR2B2-D

SUBJECT GRADE
English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 7
Any one of the following relevant subjects for the ELR2B2-D Aggregate Type:
- Art
- Biology
- Biotechnology
- Chemistry
- Computing/Computer Studies
- Creative 3D Animation
- Design & Technology
- Design Studies
- Food & Nutrition/Nutrition & Food Science
- Electronics/Fundamentals of Electronics
- Higher Art
- Media Studies (English)
- Media Studies (Chinese)
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

ENTRY REQUIREMENTS
Aggregate Type: ELR2B2-D

SUBJECT GRADE
English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 6
Any one of the following relevant subjects for the ELR2B2-D Aggregate Type:
- Art
- Biology
- Biotechnology
- Chemistry
- Computing/Computer Studies
- Creative 3D Animation
- Design & Technology
- Design Studies
- Food & Nutrition/Nutrition & Food Science
- Electronics/Fundamentals of Electronics
- Higher Art
- Media Studies (English)
- Media Studies (Chinese)
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

DEPM goes beyond traditional event management. We focus on the latest industry trends such as sustainability, digitalization, building partnerships, and creating unique, personalized customer experiences. We’ll equip you with the knowledge and skills to meet changing needs, providing you with a competitive edge in the job market.

Through our partnerships, you’ll have opportunities to connect with a network of industry partners, allowing you to learn through authentic experiences and unlock new possibilities in the thrilling world of events.

During my 6-month tenure, I served as a Junior Interior Designer, engaging in diverse projects encompassing residential, commercial, and exhibition design. I was able to hone my soft skills there, including effective communication with clients and contractors, both in-person and via email. I also gained insights into site management and even acquired some foundational project management skills. These experiences were invaluable and couldn’t have been taught in a classroom setting.

Tay Yun Jun
DID Gold Medallist Internship at WY-TO Singapore

During my internship, I was able to apply the knowledge and skills I learnt in school and most importantly, it gave me first-hand experience of what it’s like in the working world! I was able to apply what I learnt from my classes as I worked with my colleagues on multiple events.

Phoebe Tok
DEPM Gold Medallist Internship at Club Rainbow (Singapore)
Designing Outdoor Spaces for Social Wellbeing

An enchanting botanical garden, a serene park in a housing estate or a mesmerising landscape of a resort — imagine having a hand in designing these spaces that help address climate change. With the Diploma in Landscape Architecture (DLA), you will be part of a profession that harnesses the skills to enrich lives, creating immersive landscapes that connect people with nature.

At DLA, we prepare students with design competencies, technical knowledge and digital skills for the landscape architecture profession to transform spaces into sustainable, green and engaging to communities in urban cities for users’ enjoyment and well-being. It involves the study of existing spatial and environmental conditions and processes before responding with design interventions to achieve the desired design intent.

If you’re passionate about shaping social spaces and making a positive impact, join us at the Diploma in Landscape Architecture and embark on an inspiring journey of creativity, sustainability, and design excellence. Upon completion of the course, there will be a diverse range of work opportunities and further education prospects in store for you.

WHAT YOU CAN EXPECT

• Students from the Diploma in Landscape Architecture share the first year Common Foundation Programme with the Diploma in Architecture and Diploma in Interior Design students.
• Experience hands-on design processes in landscape architecture and master digitalisation skills for seamless communication and construction.
• Deepen your plant knowledge and learn to integrate greenery using cutting-edge landscape technologies.
• Engage in project-based courses that mirror professional workflows and receive valuable critiques for real-world assessments.
• Gain practical industry experience through internships with structured learning outcomes.

FURTHER STUDIES

You can further your studies in Landscape Architecture at the National University of Singapore (NUS) locally, with one year of advanced standing. There are also overseas degree courses in Australia at the University of Melbourne and Royal Melbourne Institute of Technology (RMIT), in New Zealand at Lincoln University, and in United Kingdom at the University of Sheffield that offer module exemptions and advanced standing according to the respective university requirements.

ENTRY REQUIREMENTS

Range of Net 2020 JAE ELR2B2: 10 – 17
Aggregate Type: ELR2B2-D

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Any one of the following relevant subjects for the ELR2B2-D Aggregate Type:

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• Biotechnology
• Chemistry
• Computing/Computer Studies
• Creative 3D Animation
• Design & Technology
• Design Studies
• Food & Nutrition/Nutrition & Food Science
• Electronics/Fundamentals of Electronics
• Higher Art
• Media Studies (English)
• Media Studies (Chinese)
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

I got to experience new things and had a very hands-on experience in the Diploma in Mechanical Engineering. The course allowed me to branch into many different interest areas and also provided me with a wide range of skills I need to succeed in the working world. Most importantly, I couldn’t have done it without the dedication, experience, and support of my lecturers!

I through mechanical engineering to gain a wide range of knowledge and make it possible to achieve the desired design intent. This course allowed me to have a hands-on approach to design and provided me with the necessary skills to succeed in the working world. Most importantly, the support of my lecturers!

SPs all-rounded curriculum has given me a glimpse of not only what is expected from you in university, but also some of the processes we need to go through in the working industry. The module on plants and horticulture in SP which taught me how to identify plants really helped me throughout my studies and has given me a head start in some of my courses in NUS!

PHUA SHIN ZERT 潘汛泽
Home country: Malaysia
Nanyang Technological University of Singapore, Bachelor of Mechanical Engineering (Valedictorian), 2019
• NTU ASEAN Undergraduate Scholar, 2022
• NTU Lee Kuan Yew Gold Medalist, 2022
• SP Chua Chor Teck Gold Medalist, 2019
• SP Diploma in Mechanical Engineering (Gold Medalist), 2019

TAN SOK VIN 陈淑颖
Home country: Malaysia
National University of Singapore, Bachelor of Landscape Architecture, 2022
• SP Diploma in Landscape Architecture, 2020

NEW: Diploma in Landscape Architecture, 2020

Chin Zhao Hui, Victor
DLA Gold Medalist
Internship at Housing & Development Board (HDB)
BElIEF IN THE POSSIBLE

Join the School of Business and harness the power to shape your own learning experience, chart your growth and discover your path to success through a technology-driven and industry-relevant curriculum. Beyond your core curriculum, you can deepen your skillset or broaden your knowledge in areas of interest by choosing from an extensive selection of electives. Experience a vibrant learning environment filled with fun and transformative experiences such as learning journeys, overseas projects, internships, and industry collaborations, where you can develop soft skills and values to thrive in any community.

Are you ready to seize the reins of your own destiny? Join the School of Business and harness the opportunities to propel your success in this exciting world of business.

WHY SB?

You can benefit from:

- A firm foundation in business competencies
- Immersion into the enterprising world of business
- The right attributes to succeed in any industry
- A wide selection of courses
- A track record and reputation built by our successful graduates

Full-Time Diploma Courses

- ACCOUNTANCY (S75)
- BANKING & FINANCE (S76)
- BUSINESS ADMINISTRATION (S77)
- COMMON BUSINESS PROGRAMME (S31)
- HUMAN RESOURCE MANAGEMENT WITH PSYCHOLOGY (S48)

For more information regarding entry requirements, courses and careers, please contact:

School of Business
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/sb

ACCOUNTANCY

DAC – S75

Be the Future Accountant of the Digital World

Keen on being part of the next wave of highly proficient accounting and finance professionals? The Diploma in Accountancy (DAC) may just be the best choice for you!

WHAT YOU CAN EXPECT

- Chart your own pathway and be equipped with multi-disciplinary skills, choosing from a variety of electives to deepen or broaden your learning.
- Uncover insights in the world of sustainability, predictive analytics, and forensic accounting through a robust, future-relevant syllabus.
- Gain valuable practical experience through a 22-week internship in auditing, accounting, or taxation.
- Join competitions to gain exposure and hone your skills.
- Gain direct entry and enjoy generous advanced credit standing at established local and overseas universities.

CAREER OPTIONS

As a DAC graduate, you will be sought after in the fields of:

- Assurance
- Data Analytics
- Financial Accounting
- Financial Forensics
- Internal Audit
- Management Accounting
- Robotics Process Automation
- Taxation

FURTHER STUDIES

You may be granted generous exemptions to pursue your accountancy degrees from local and international universities.

We also work closely with the Institute of Chartered Accountants in England and Wales (ICAEW) to create an accelerated pathway for our graduates to pursue the Chartered Accountant qualification through the SP-ICAEW Professional Chartered Accountancy (PCA) programme.

Working at EY was an eye-opening experience! I got to work under many experienced professionals and learn more about various business industries. Though the work was unfamiliar at first, I was able to integrate into the environment easily thanks to my workplace’s supportive work culture and learnt the company’s ways rather quickly! 

Sim Wan Jing
Internship at Ernst & Young Singapore

ENTRY REQUIREMENTS

Range of Net 2024 JAE ELR2B2: 5 – 12
Aggregate Type: ELR2B2-B

SUBJECT GRADE

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<thead>
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<tr>
<td>• Principles of Accounts</td>
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</tbody>
</table>

The Right Choice 21
Powering Economic Growth

Embrace an exciting finance journey with SP’s Diploma in Banking & Finance (DBKF) at the School of Business, and acquire the knowledge and skills in banking and financial operations.

**Embank on your DBKF Journey**

Our curriculum is curated by industry experts, to ensure your future-readiness in three key areas:

- **Digital and Analytical Skills**
  - Acquire a solid working knowledge of relevant banking and finance technologies, such as automation, artificial intelligence, big data, and programming, and data analytics.
  - Develop sought-after skills in digital marketing, digital user experience, and financial technology.

- **Market Expertise and Insights**
  - Gain industry knowledge and insights in financial markets, products, and emerging fintech trends through company visits, conferences, and webinars.
  - Focus areas include corporate banking, consumer banking, financial technology.

- **Industry Relevance and Recognition**
  - Gain recognition for working through a variety of local and overseas programmes.
  - Enjoy advanced standing at established universities.
  - There are many employment opportunities for DBKF graduates, who possess skills required to fill a wide variety of positions that are in demand.

**What you can expect**

- Chart your own pathway and deepen or broaden your learning. Choose from a variety of electives or work on fintech projects in Year 3.
- Acquire valuable real-life experience through a variety of local and overseas programmes.
- Enjoy advanced standing at established universities.
- There are many excellent employment opportunities for DBKF graduates, who possess skills required to fill a wide variety of positions that are in demand.

**Career Options**

DBKF graduates can attain fulfilling careers in areas such as:

- Consumer and SME Banking
- Credit Operations
- Customer Experience and Wealth Advisory
- Financial Planning
- Fintech
- Fund Management
- Investment Research
- Private Banking
- Regulatory Compliance and Operations
- Risk Management
- SME Finance
- Trade Finance
- Treasury and Capital Markets

DBKF graduates can also work in the finance department of any company.

**Opening Doors of Opportunities**

The Diploma in Business Administration (DBA) is designed to provide you with the essential knowledge, skills and insights to effectively deal with the complexities of today’s global business environment. We develop thoughtful leaders, entrepreneurs, and industry champions who create value for their organisations and their communities.

In today’s digital economy, DBA equips you with a strong business foundation, providing you with relevant, future-ready knowledge and skills to thrive in a volatile economy. DBA’s student-focused curriculum offers hands-on experience, exposure to interdisciplinary business skillsets, and the flexibility of tailoring your learning experience in three vital business areas:

- **Digital Enterprise & Innovation**
- **International Trade & Business**

**WHAT YOU CAN EXPECT**

- Widens your horizon and heightens your global perspectives by working and interacting with foreign counterparts through overseas projects, cultural exchanges and international competitions.
- As DBA is well-recognised in the industry, many graduates earn prestigious scholarships to pursue business-related degrees.
- Additional benefits of relevant banking and finance specialisations included in your diploma.

**Career Options**

With the advantage of a broad-based curriculum, DBA prepares you for an extensive range of possible careers in the business world, stretching across any sector or industry.

Jobs directly related to your diploma include:

- Business Development
- Business Process Improvement
- Client Management
- Corporate/Marketing Communications
- Data Analyst
- Digital Advertising/Marketing
- Humanitarian Logistics
- Manage Family Business
- Trade Compliance
- Sourcing & Procurement
- Operations Excellence
- Quality Management

**Entry Requirements**

**Range of Net 2024 JAE ELR2B2: 3 – 10**

**Aggregate Type:** ELR2B2-B

**Subject**

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  - Combined Humanities
  - Economics
  - Geography
  - Higher Art
  - Higher Music
  - History
  - Humanities (Social Studies, Geography)
  - Humanities (Social Studies, History)
  - Humanities (Social Studies, Literature in English/Chinese/Malay/Tamil)
  - Introduction to Enterprise Development
  - Literature in English/Chinese/Malay/Tamil
  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts |

**Range of Net 2024 JAE ELR2B2: 6 – 11**

**Aggregate Type:** ELR2B2-B

**Subject**

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  - Humanities (Social Studies, Literature in English/Chinese/Malay/Tamil)
  - Introduction to Enterprise Development
  - Literature in English/Chinese/Malay/Tamil
  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts |

**Entry Requirements**

**Range of Net 2024 JAE ELR2B2: 6 – 11**

**Aggregate Type:** ELR2B2-B

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  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts |

**Entry Requirements**

**Range of Net 2024 JAE ELR2B2: 6 – 11**

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**Entry Requirements**

**Range of Net 2024 JAE ELR2B2: 6 – 11**

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  - Introduction to Enterprise Development
  - Literature in English/Chinese/Malay/Tamil
  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts |
The Right Choice

**Transforming Lives**

Empowering People, workplace cultures. This course empowers you with an understanding of human resource management to create positive workplace cultures.

Our human-centred curriculum places a strong emphasis on Emotional Quotient (EQ) development, immersing you in the transformative power of Emotional Intelligence and Positive Psychology. By nurturing EQ, we equip our students with essential skills for understanding and engaging with people in diverse settings.

As pioneers in HR education, we offer professional assessment from the Institute for HR Professionals (IHRP), providing our students with the opportunity to become IHRP Certified Associates (IHRP-CA), and giving them a head start in their HR career journey.

Learning extends beyond the classroom, where hands-on projects, company visits, and global exposure amplify your understanding of human resource management. Build valuable workplace experience at your 22-week internship, network with professionals at HR events, and gain exposure at HR competitions. Through our strong partnerships with the HR community, you can collaborate with industry partners located on campus and hear from HR leaders to understand best practices in this field.

**WHAT YOU CAN EXPECT**

- **Acquire key HR competencies in areas such as talent attraction, talent development, automation and counselling.**
- **Gain real HR professional experience in your final-year client-based consultancy project.** See your solutions being implemented by your clients.
- **With our very own PERSKELLY Career Centre located in the School of Business, DHRMP students can benefit from a range of exclusive resources from career coaching, resume writing to preparing for work.

**CAREER OPTIONS**

The job prospects that await you in a wide spectrum of industries cover:

- **Career Coaching**
- **Compensation and Benefits**
- **Employee Engagement**
- **HR Business Partnering**
- **HR Technology and Analytics**
- **Learning and Development**
- **Talent Management**
- **Talent Sourcing and Acquisition**

Our DHRMP graduates have gained accelerated admission into prestigious local and international universities in courses including Business (HRM), Economics, Law, Psychology, Sociology and Social Work programmes.

If you choose to kick-start your HR career upon graduation, you could further deepen your learning through the Future's Work-Study Programme for HR or through SP's Specialist Diploma in Enhanced HR Skills. The Specialist Diploma will enhance your competencies in HR innovation and positive psychology, value-adding to your HR career.

SP's holistic approach to nurture HR professionals ensures that our students are work-, HR- and world-ready. Make a difference by developing people and helping organisations achieve their best!

**6 Business Specialisations in Year 2**

**SB COMMON BUSINESS PROGRAMME**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy Diploma in Business Administration</td>
<td>6 – 10</td>
</tr>
<tr>
<td>Banking &amp; Finance Diploma in Banking &amp; Finance</td>
<td>6 – 10</td>
</tr>
<tr>
<td>Human Resource Diploma in Human Resource Management with Psychology</td>
<td>6 – 10</td>
</tr>
<tr>
<td>Digital Marketing &amp; Branding Diploma in Business Administration</td>
<td>6 – 10</td>
</tr>
<tr>
<td>Innovation &amp; Entrepreneurship Diploma in Business Administration</td>
<td>6 – 10</td>
</tr>
<tr>
<td>International Trade &amp; Operations Diploma in Business Administration</td>
<td>6 – 10</td>
</tr>
</tbody>
</table>

**Explore before Specialisation**

Are you passionate about business but need more exposure and hands-on experience to decide which business discipline/field to specialise in? The Common Business Programme (DCBP) is the right place for you!

**NAVIGATING YOUR INTERESTS**

DCBP gives you invaluable exposure to various branches in business studies. Embark on an experiential journey to gain insights before making a decision about your specialisation. DCBP student’s journey begins with the same Year 1 curriculum as the other School of Business (SB) students before they make their decision. Towards the end of Year 1, DCBP students will rank their preferences among the six specialisations as shown in the illustrative chart.

**CAREER OPTIONS**

An education with the School of Business will provide you the versatility to work in a wide variety of professions and industries such as accounting, banking & finance, human resources, marketing and supply chain. Some of you may even venture out on your own to become an entrepreneur!

**FURTHER STUDIES**

Depending on your specialisation, you can continue to pursue your respective business degree programmes at a local or international university.

**ENTRY REQUIREMENTS**

- **English Language**
- **Mathematics**
- **Any one of the following relevant subjects for the ELR2B2-B Aggregate Type:**
  - Art
  - Business Studies
  - Combined Humanities
  - Economics
  - Geography
  - Higher Art
  - Higher Music
  - History
  - Humanities (Social Studies, Geography)
  - Humanities (Social Studies, Economics)
  - Humanities (Social Studies, Literature in English/Chinese/Malay/Tamil)
  - Introduction to Entrepreneurship Development
  - Literature in English/Chinese/Malay/Tamil
  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts

![Shawn Yip]

Shawn Yip
Common Business Programme Alumnus

DCBP students will then continue with their Year 2 and 3 studies in one of these specialisations.

**ENTRY REQUIREMENTS**

- **English Language**
- **Mathematics**
- **Any one of the following relevant subjects for the ELR2B2-B Aggregate Type:**
  - Art
  - Business Studies
  - Combined Humanities
  - Economics
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  - Introduction to Enterprise Development
  - Literature in English/Chinese/Malay/Tamil
  - Media Studies (Chinese)
  - Media Studies (English)
  - Music
  - Principles of Accounts

**DCBP – S31**

**The Right Choice**
Unlocking the Mysteries of Science for Innovative, Life-enhancing Solutions

With a rich legacy of over 50 years, the School of Chemical & Life Sciences (CLS) has continuously adapted to the needs of key industries like food, chemicals, biopharmaceuticals, and healthcare. Our focus is on equipping students with the skills and knowledge to thrive in these dynamic sectors, opening doors to endless possibilities in an exciting industry.

Our curricula are carefully designed to empower you with the knowledge and essential skills that will equip you for success in the real world.

If you have a passion for improving lives, unravelling the mysteries of food, or formulating cosmetics, join us to shape the future at CLS.

Full-Time Diploma Courses
- APPLIED CHEMISTRY (S64)
- BIOMEDICAL SCIENCE (S98)
- CHEMICAL ENGINEERING (S70)
- COMMON SCIENCE PROGRAMME (S28)
- FOOD SCIENCE & TECHNOLOGY (S47)
- OPTOMETRY (S67)
- PERFUMERY & COSMETIC SCIENCE (S38)

For more information regarding entry requirements, courses and careers, please contact:
School of Chemical & Life Sciences
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/cls

Scan here to find out more about CLS!

APPLIED CHEMISTRY
DAPC – S64

Unveiling the Mysteries of Chemical Marvels
Discover the mysterious and captivating properties of chemicals, drugs and materials in this exciting applications-based journey. As the first course in Singapore dedicated to building a strong foundation in chemistry, Diploma in Applied Chemistry (DAPC) provides you the versatility to excel in various chemistry-related sectors.

- An environment that encourages research and exploration
  Thrive in a nurturing environment that provides you with opportunities to synthesise and test chemicals, drugs, and materials while pushing the boundaries of investigative chemistry.
- A holistic and immersive learning journey
  Grow your skills progressively throughout the programme. In Year 1, you’ll acquire the fundamentals of chemistry principles. In Year 2, you’ll gain practical skills in chemical investigations and interpreting real-life results. In your final year, you’ll harness your creativity to develop and optimise new products or methods to improve lives.
- A promising future ahead
  Upon graduation, you’ll be fully prepared to contribute to the chemical, pharmaceutical, and materials-related industries. Whether you choose to embark on a fulfilling career or pursue further studies in tertiary institutions, the Diploma in Applied Chemistry sets the stage for your success.

WHAT YOU CAN EXPECT
- Gain real-world experience through internship opportunities at relevant industries.
- Delve into ground-breaking research projects and work alongside experts in the industry at local or international institutions.
- Enjoy direct entry and advanced standing to renowned local and overseas universities.
- Explore a wide array of career options and pathways here.

ENTRY REQUIREMENTS
Range of Net 2024 JAE ELR2B2: 4 – 9
Aggregate Type: ELR2B2-C

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CAREER OPTIONS
- Application Chemist
- Assistant Engineer
- Chemical Technologist
- Chemist
- Environmental, Safety & Health Officer
- Materials Characterisation/ Failure Analysis Specialist
- Process Designer
- Purchasing/Procurement Engineer
- Quality Assurance/Quality Control Laboratory Analyst
- Regulatory & Compliance Officer
- Research Assistant
- Sales/Business/Marketing Executive

I was part of the Quality Control Support (QCS) department where I gained knowledge on good manufacturing practices, components and the flow chart of the chain of biosectors. This knowledge was further enhanced and reaffirmed when I went back to SP for my final semester, where modules were easier to understand.

Chan Yong Hau
DAPC Gold Medallist
Megachem Gold Medal Recipient
Internship at Novartis

www.sp.edu.sg/cls
The Diploma in Biomedical Science (DBS) offers you the opportunity to make a positive impact on the health and well-being of our community. From disease management to developing new treatments and drugs, you’ll be entering a vital field that plays a critical role in saving lives.

Our students can choose from three exciting specialisations:

- **Medical Technology**
  - Gain the skills to diagnose and manage human diseases by providing accurate and timely diagnoses with the use of medical technology.

- **Cardiac Technology**
  - Save human lives, test heart functions to diagnose and intervene in heart related diseases.

- **Biotechnology**
  - Harness the power of biological processes to improve lives and contribute to advancements and innovations in medical research and drug development.

**SCHOLARSHIPS**

- SAF Merit Scholarship
- EDB Scholarship
- Singapore Industry Scholarship
- MOH Holdings Scholarships
- A*STAR Science Award
- Singapore Polytechnic Scholarships

**WHAT YOU CAN EXPECT**

**FURTHER STUDIES**

- Get a head start with opportunities to intern at multinational biopharmaceutical companies, renowned laboratories including A*STAR institutes and top-ranking overseas universities.
- Gain authentic learning experiences by training with the National Heart Centre Singapore for Cardiac Technology.
- Take your pick from elective modules in Forensic Biology, Cytogenetics or Introductory Pharmacology to expand your interests.
- Enjoy direct entry and advanced standing at renowned local and overseas universities.
- Explore a wide array of career options and pathways available to our graduates.

- **CAREER OPTIONS**
  - Assistant Biotechnologist
  - Assistant Quality Control Laboratory Analyst
  - Cardiac Technologist
  - Clinical Research Coordinator
  - Medical Technologist
  - Phlebotomist
  - Quality Assurance Assistant
  - Research Assistant
  - Sales and Marketing Executive
  - Technical Specialist

I was lucky enough to have the opportunity to work with Professor Elve, the Director of Echocardiography at NHCS. Learning about the intricacies and theory of echocardiography from such an esteemed professional was a once-in-a-lifetime experience. Discussing the fascinating case studies she had encountered was truly inspiring and deepened my interest in pursuing cardiology.

- Jotham Wong
  - Lee Kuan Yew Award Recipient
  - DBS Gold Medallist
  - Alfred Roberts Edis Prize Winner
  - Internship at National Heart Centre

**Catalysing Innovations, Empowering Sustainable Future**

Chemical Engineering is a discipline that integrates sciences with applied mathematics and engineering principles. Here, you’ll be empowered to investigate problems and design solutions and products using sustainable, cost-effective, and cutting-edge processes for the chemical industry.

In chemical engineering, you will learn about changing raw materials into useful products that you use every day in a safe and sustainable way. You will understand how to alter the chemical, biochemical or physical state of a substance to create many products from seaweed wine to natural dyes. If you aspire to leave a lasting impact and shape the future, join our Diploma in Chemical Engineering (DCHE) and be a catalyst for positive change.

**SCHOLARSHIPS**

- A*STAR Science Award
- Mitsui Chemicals Process Technology Study Award

**CAREER OPTIONS**

- Biopharmaceutical Sector
  - Assistant Biotechnologist
  - Laboratory Analyst
  - Production Technician
  - Quality Assurance / Control Assistant

- Chemical Sector
  - Laboratory Technician / Technologist
  - Process Technician
  - Product Technician

- Workforce Safety Sector
  - Environmental Management System Coordinator
  - Process Safety Officer
  - Workplace Safety and Health Coordinator

**WHAT YOU CAN EXPECT**

- Develop your chemical laboratory and plant hands-on skills at our 15,000-square-metre Energy & Chemicals Training Centre with state-of-the-art facilities like the Interactive Plant Environment supported by Emerson and smart chemical processing equipment supported by GEA
- Acquire pharmaceutical and biopharmaceutical hands-on skills in good manufacturing practices at our Pharmaceutical Processing Suite and Biologics Laboratories.
- Gain authentic learning experiences through 22-weeks internship opportunities at Shell, Sembcorp Industries, Abbott, Nestle, Pfizer, Symrise, Mitsu, Proctor & Gamble and many more.
- Immerse yourself in Conceive-Design-Implement-Operation (CDIO) educational framework originated from Massachusetts Institute of Technology’s (MIT, USA), focusing on real-world engineering education and learning experiences.
- CONCEIVE – To identify and define real-world problems with creative thinking
- DESIGN – To approach a problem and outline possible solutions
- IMPLEMENT – To apply and verify the possible solutions
- OPERATE – To optimise and improve the final product and determine its life cycle.

**ENTRY REQUIREMENTS**

**Range of Net 2024 JAE ELR2B2: 4 – 7**
**Aggregate Type: ELR2B2-C**

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**FURTHER STUDIES**

Each year, more than half of our graduates secure placements in prestigious universities both locally and internationally. Their fields of study extend beyond chemical engineering to include chemical and biomolecular engineering, pharmaceutical engineering, environmental engineering, materials engineering, among others.

As the first chemical engineering diploma in Singapore, we achieved international accreditation from the Institution of Chemical Engineers (IChemE UK) in 1996. This recognition affords our graduates preferential consideration for university admissions, often resulting in module exemptions or advanced standing in their degree programs.

**ENTRY REQUIREMENTS**

**Range of Net 2024 JAE ELR2B2: 7 – 14**
**Aggregate Type: ELR2B2-C**

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**CAREER OPTIONS**

- Product Technologist
- Laboratory Technician / Technologist
- Quality Assurance / Control Assistant
- Production Technician
- Laboratory Analyst
- Assistant Biotechnologist

**WHAT YOU CAN EXPECT**

- Experience real-world chemical engineering education at our Pharmaceutical Processing Suite and Biologics Laboratories.
- Gain authentic learning experiences through 22-weeks internship opportunities at Shell, Sembcorp Industries, Abbott, Nestle, Pfizer, Symrise, Mitsu, Proctor & Gamble and many more.

**ENTRY REQUIREMENTS**

**Range of Net 2024 JAE ELR2B2: 7 – 14**
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COMMON SCIENCE PROGRAMME
DCSP – S28

Discover the Possibilities in Science
Unlock your passion for science and embark on a transformative journey of exploration with the Common Science Programme (DCSP).

Get hands-on exposure to diverse scientific disciplines
If you crave more exposure and experience to discover your true scientific calling, this is the platform for you. Immerse yourself in a curriculum that features curated taster modules and a Diploma Exposure Programme that will illuminate the diverse scientific disciplines awaiting your discovery.

WHAT YOU CAN EXPECT
DCSP students go through a common Year 1 curriculum as students from the Diploma in Applied Chemistry, Biomedical Science, Food Science & Technology and Perfumery & Cosmetic Science.

Armed with insights and knowledge, you’ll be empowered to make an informed choice to pursue your diploma towards the end of Year 1, where you will be invited to rank your preferences among the four constituent full-time diploma courses offered by CLS.

• Diploma in Applied Chemistry (S64)
• Diploma in Biomedical Science (S98)
• Diploma in Food Science & Technology (S47)
• Diploma in Perfumery & Cosmetic Science

FURTHER STUDIES
Depending on the choice of diploma, DCSP students can continue to pursue their respective science degree programme at a local or international university.

FOOD SCIENCE & TECHNOLOGY
DFST – S47

The Science that Spices up Lives
Ignite your passion for food and dive into the captivating realm where science meets taste!

Join us in the Diploma in Food Science & Technology (DFST) course and unlock the secrets behind every mouth-watering bite. Explore the entire journey of food, from its raw ingredients to the intricate processes of packaging and delivering finished consumer products.

Our industry-focused curriculum combines design thinking and hands-on projects to empower you to become a skilled food technologist who innovates and produces safe, healthy and irresistible food creations.

Are you ready to embark on an exciting journey to unravel the delicious mysteries behind the food we eat? Join us at the Diploma in Food Science & Technology course and unlock the secrets that make every bite a truly unforgettable experience!

FURTHER STUDIES
You can apply for related degree programmes at local or international universities such as:
• Bachelor of Science (Food Science and Technology) at NUS
• Degree in Biological Sciences/Chemical and Biomedical Engineering/Chemistry and Biological Chemistry with a Second Major in Food Science and Technology at NTU
• Bachelor of Food Technology (Hons) or Bachelor of Professional Studies in Culinary Arts Management at ST
• Bachelor of Science (Food Technology Major), University of Queensland

FURTHER STUDIES
Range of Net 2024 JAE ELR2B2: 5 – 10
Aggregate Type: ELR2B2-C

FOOD SCIENCE & TECHNOLOGY
DFST – S47

ENTRY REQUIREMENTS
Range of Net 2024 JAE ELR2B2: 5 – 10
Aggregate Type: ELR2B2-C

SUBJECT GRADE
English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 6
Any one of the following subjects: 1 – 6
• Biology
• Biotechnology
• Chemistry
• Food & Nutrition / Nutrition & Food Science
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

Career Options
• Assistant Food Technologist/ Food Technologist
• Food Auditor
• Food Hygiene Officer
• Food Safety Officer
• Laboratory Technologist
• Market Development Executive
• Packaging Technologist
• Quality Assurance/ Quality Control Executive
• Research & Development Technologist

SCHOLARSHIPS
• A*STAR Science Award
• BASF Scholarship
• MOH Holdings Scholarships
• SFMA — Pek Cheng Chuan Scholarship
• SFST Best Student Award
• SIA cum Rintoul Memorial Scholarship
• Singapore Polytechnic Scholarships

My internship experience has helped to shape my current aspirations as I had a taste of what research and product development is like. While utilising different technologies to improve the nutritional quality of various food products, it aroused my interest to explore more possibilities of producing food products in a sustainable manner.

Wong Zi Hua
DFST Gold Medalist
Global Executive Scholarship Recipient
Internship at Nestle R&D Centre Singapore
The Gift of Sight through Science

Vision is not merely the ability to see, but a portal to a world of possibilities. The Diploma in Optometry (DOPT) empowers you with the valuable skills and knowledge to fulfill your calling in the noble field of eye-care.

Throughout your educational journey, we foster an appreciation for optimal eye health and eyesight, equipping you with the skills needed to manage conditions such as myopia and presbyopia, detect common eye diseases and correct vision with spectacles and contact lenses.

Beyond the classroom, you will engage in hands-on training, harnessing state-of-the-art technology at the SP Optometry Centre. Upon completion of your diploma, become a licensed optometrist registered with the Optometrists and Opticians Board (OOB), regulated by the Ministry of Health.

If you yearn to illuminate lives through eye care, join us in the Diploma in Optometry course for a fulfilling career.

FURTHER STUDIES

You can apply for related degree programmes at international universities such as the Bachelor’s/Masters degree in Optometry in United Kingdom or Australia. Many of our graduates are offered module exemptions or direct entry into the second or third year of their university degree programmes. You are also eligible to apply for many non-optometry undergraduate programmes such as Medicine, or in the areas of biological sciences and allied health at local universities.

WHAT YOU CAN EXPECT

- Home your skills at our 5700 sq. ft. SP Optometry Centre, a state-of-the-art learning environment supported by renowned brands like Zeiss and EssilorLuxottica.
- Experience hands-on learning opportunities from your first year, including industrial attachments to hospitals, optometric practices, and lens companies. Enhance your practical skills and knowledge through a 22-week internship in the final semester.
- Expand your horizons with local and overseas study trips, engaging in community service projects, participating in conferences, or attachments to healthcare and research institutions.
- Enjoy direct entry and advanced standing to renowned local and overseas universities.
- Explore a wide array of career options and pathways available to our graduates.

CAREER OPTIONS

- Clinical optometrist
- Community-based optometrist
- Lens Consultant
- Marketing and Customer Development Executive
- Professional Affairs Executive
- Research Optometrist

The Science that Invokes the Senses

The Diploma in Perfumery & Cosmetic Science (DPCS) is where innovation and creativity intertwine to create enchanting possibilities in fragrance and cosmetic formulation.

Our integrated approach ensures an immersive and hands-on learning journey through in-depth lectures, internships, and collaborations with industry partners, empowering you to acquire practical skills and valuable industry insights.

The realm of fragrance and cosmetics is not only alluring, but also profitable and stable. At DPCS, you’ll be empowered with skills and expertise to flourish and take hold of opportunities that beckon from every corner of the globe.

Ever wanted to concoct captivating formulations? Join the Diploma in Perfumery & Cosmetic Science course and immerse yourself in this fascinating field.

WHAT YOU CAN EXPECT

- Immerse yourself in our cutting-edge Consumer Chemicals Technology Centre and Perfumery & Cosmetic Science Centre.
- Collaborate with industry partners to gain practical experience in creating perfumes, cosmetic products, and extracting essential oils.
- Benefit from internships with perfumers, chemists, and product formulators in reputable chemical companies, fragrance houses, and fast-moving consumer goods companies.
- Enjoy direct entry and advanced standing to renowned local and overseas universities.
- Explore a wide array of career options and pathways available to our graduates.

SCHOLARSHIPS

- MOH Holdings Scholarships
- Singapore Polytechnic Scholarships

In my 44-week internship, I fully grasped the cosmetic product manufacturing process, including cost factors. I also learned about international product registration, collaborating with EU registration experts. This early exposure has greatly enriched my current work experience. — Tai Rui Xuan 

Internship @ Ikeda Group

During my internship at Johnson & Johnson Vision Care, I gained invaluable insights and applied skills from my SP diploma courses to facilitate eye care programs. Working closely with industry professionals, I organized ACUVUE®️ awareness events for Eye Care Professionals and the public, honing my planning and execution abilities. This experience at J&J enriched my industry knowledge significantly.

Gloria Wee 

Internship at Johnson & Johnson Vision Care Center

Applications with severe physical impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professionals Practice Code and Guidelines on “Fitness to Practice” for guidance. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

FURTHER STUDIES

Many of our graduates gain entry into degree programmes at local or overseas universities. You can pursue further studies in the areas of cosmetic science, perfumery and chemistry.

SCHOLARSHIPS

- Assistant / Junior Fragrance Developer
- Chemist
- Formula Developer
- Quality Assurance/Quality Control Laboratory Analyst
- Regulatory and Product Safety Personnel
- Sales/Business/Marketing Executive
- Trainee/Assistant Perfumer

SUBJECT GRADE

| English Language | 1 – 7 |
| Mathematics (Elementary/Additional) | 1 – 6 |
| Any one of the following subjects: | 1 – 6 |
| • Biology |
| • Biotechnology |
| • Chemistry |
| • Food & Nutrition / Nutrition & Food Science |
| • Physics |
| • Science (Chemistry, Biology) |
| • Science (Physics, Biology) |
| • Science (Physics, Chemistry) |

| English Language | 1 – 7 |
| Mathematics (Elementary/Additional) | 1 – 6 |
| Any one of the following subjects: | 1 – 6 |
| • Biology |
| • Biotechnology |
| • Chemistry |
| • Food & Nutrition / Nutrition & Food Science |
| • Physics |
| • Science (Chemistry, Biology) |
| • Science (Physics, Biology) |
| • Science (Physics, Chemistry) |

ENTRY REQUIREMENTS

Range of Net 2024 JAE ELR2B2: 8 – 12
Aggregate Type: ELR2B2-C

ENTRY REQUIREMENTS

Range of Net 2024 JAE ELR2B2: 8 – 10
Aggregate Type: ELR2B2-C

Any one of the following subjects: 1 – 6

| Science (Chemistry, Biology) |
| Science (Physics, Biology) |
| Science (Physics, Chemistry) |

FURTHER STUDIES

Many of our graduates gain entry into degree programmes at local or overseas universities. You can pursue further studies in the areas of cosmetic science, perfumery and chemistry.

CAREER OPTIONS

- Assistant / Junior Fragrance Developer
- Chemist
- Formula Developer
- Quality Assurance/Quality Control Laboratory Analyst
- Regulatory and Product Safety Personnel
- Sales/Business/Marketing Executive
- Trainee/Assistant Perfumer

DPCS – S38

PERFUMERY & COSMETIC SCIENCE

SP Optometry Centre, a state-of-the-art learning environment supported by renowned brands like Zeiss and EssilorLuxottica.

Firstly, during my internship at Johnson & Johnson Vision Care, I gained invaluable insights and applied skills from my SP diploma courses to facilitate eye care programs. Working closely with industry professionals, I organized ACUVUE®️ awareness events for Eye Care Professionals and the public, honing my planning and execution abilities.

This experience at J&J enriched my industry knowledge significantly.

Gloria Wee

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Applications with severe physical impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professionals Practice Code and Guidelines on “Fitness to Practice” for guidance. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

FURTHER STUDIES

Many of our graduates gain entry into degree programmes at local or overseas universities. You can pursue further studies in the areas of cosmetic science, perfumery and chemistry.

SCHOLARSHIPS

- Assistant / Junior Fragrance Developer
- Chemist
- Formula Developer
- Quality Assurance/Quality Control Laboratory Analyst
- Regulatory and Product Safety Personnel
- Sales/Business/Marketing Executive
- Trainee/Assistant Perfumer

Entry Requirements

Range of Net 2024 JAE ELR2B2: 8 – 10
Aggregate Type: ELR2B2-C

Any one of the following subjects: 1 – 6

| Science (Chemistry, Biology) |
| Science (Physics, Biology) |
| Science (Physics, Chemistry) |

FURTHER STUDIES

Many of our graduates gain entry into degree programmes at local or overseas universities. You can pursue further studies in the areas of cosmetic science, perfumery and chemistry.

SCHOLARSHIPS

- Assistant / Junior Fragrance Developer
- Chemist
- Formula Developer
- Quality Assurance/Quality Control Laboratory Analyst
- Regulatory and Product Safety Personnel
- Sales/Business/Marketing Executive
- Trainee/Assistant Perfumer

Entry Requirements

Range of Net 2024 JAE ELR2B2: 8 – 12
Aggregate Type: ELR2B2-C

Any one of the following subjects: 1 – 6

| Science (Chemistry, Biology) |
| Science (Physics, Biology) |
| Science (Physics, Chemistry) |
The School of Computing (SoC) has been shaping IT professionals since the 1980s. Today, SoC is a leading institution in IT education, cultivating competent IT professionals to excel in the digital landscape and drive innovation across industries. At SoC, you’ll develop your skillsets through immersive projects, internships, and collaborations with top companies, giving you an edge in your field.

#1: Experiential Learning Spaces

1.1 Apps Studio
A software development environment focusing on creating UI/UX design, web and mobile apps.

1.2 Immersive Lab
Develop virtual reality applications within this DIT learning space.

1.3 Project INC Studio
An industry-facing student agency — a software house-like environment — where students work as software developers on industry projects to hone their technical skills in software development and soft skills in client management, stakeholder management and project management. Project INC collaborates with industry partners on a pipeline of real-world projects to offer an Industry Now Curriculum.

1.4 Cyber Wargame Centre
Immerse yourself within this DCDF learning space, a simulated environment to hone your cyber defence skills.

1.5 AI and Analytics Colab
Equipped with a high-performance computer server, this DAAA learning space is where you can create deep learning applications and discover

1.6 Computing Lab
A computing space for students to allow them to explore, create, connect, and build digital competencies and skillsets.

#2: A curriculum that develops a strong common foundation in coding and full stack development

2.1 In the second semester of Year 2, students can apply to join an Industry Now Curriculum (INC). In lieu of attending module classes, students work in IT job roles such as software developers at the software student agency Project INC on curated real client industry projects to gain credits and gain exposure to the latest technologies. Students get to network with industry partners and master industry relevant skills through this Industry Project Learning Approach — Project INC.

3.1 In Year 3, students have the opportunity to take on leadership roles at INC, ranging from project/client management, and coaching/mentoring juniors. Even before they graduate, students would have established their market reputation with a portfolio of diverse industry projects.

3.2 The School of Computing (SoC) has been shaping IT professionals since the 1980s. Today, SoC is a leading institution in IT education, cultivating competent IT professionals to excel in the digital landscape and drive innovation across industries. At SoC, you’ll develop your skillsets through immersive projects, internships, and collaborations with top companies, giving you an edge in your field.

Are you thrilled by new technologies and software? Join us at the School of Computing and be at the forefront of the digital revolution.

- APPLIED AI & ANALYTICS (S30)
- COMMON ICT PROGRAMME (S32)
- CYBERSECURITY & DIGITAL FORENSICS (S54)
- INFORMATION TECHNOLOGY (S69)

For more information regarding entry requirements, courses and careers, please contact:

School of Computing
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/soc

Scan here to find out more about SoC!
Developing the Future of Technology

Believe it or not, you interact with a form of AI (Artificial Intelligence) every day! From Siri to Google Home and online chatbots, data analytics and AI make it possible for devices and programmes to respond to us in an almost human-like manner. This is changing the way we live, work and communicate and soon, it will become an integral part of our daily lives.

If you're interested in developing the next ground-breaking AI application to benefit our world, join the Diploma in Applied AI & Analytics (DAAA) course and be part of the revolution!

WHAT YOU CAN EXPECT

• INDUSTRY NOW CURRICULUM (INC)
  If you thrive on learning by doing, opt for this alternative learning pathway in Year 2 and Year 3. Instead of attending classes, gain module credits by working on real client industry projects.

• PROFESSIONAL CERTIFICATIONS
  Enhance your industry recognition by taking up professional certifications from companies such as Microsoft, Nvida Deep Learning Institute and AI Singapore while at SP.

• NEVER BE BORED
  Take on new challenges and projects that are closely related to solving real-world problems.

• AI and ANALYTICAL COLAB
  Experience our specially designed AI computer labs equipped with high-performing computers and AI Deep Learning servers capable of handling complex machine learning tasks.

• ACCELERATED PROGRESSION PATHWAY
  Take up modules taught by Singapore University of Technology and Design (SUTD) or Singapore Management University (SMU) and complete your degree earlier.

SCHOLARSHIPS

• Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
• Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
• DSO National Laboratories (DSO) Diploma Scholarship
• Micron Scholarship
• Singapore Polytechnic Scholarship

CAREER OPTIONS

Ready to shape the world with new technologies? Look forward to an exciting career as:

• AI Applications Developer who is able to integrate AI into other domains such as web technology, infocomm security, financial institution and public and private organisations that require AI technology
• Application Developer
• Associate AI Developers Engineer
• Business Intelligence Specialist
• Data Analyst
• Data Scientist
• Data Engineer

FURTHER STUDIES

Quench your thirst for knowledge at local or international universities! Our graduates may receive module exemptions or advanced standings with relevant courses offered locally at NUS, NTU, SIT, SUSS, SUTD and SMU.

ENTRY REQUIREMENTS

Range of Net 2024 JAE ELR2B2: 4 – 10
Aggregate Type: ELR2B2-C

WHAT'S NEXT

To be streamed to either DAAA, DIT or DIT course after one semester in SP:

• Diploma in Applied AI & Analytics (DAAA - S30)
• Diploma in Cybersecurity & Digital Forensics (DCDF - S94)
• Diploma in Information Technology (DIT - S69)

During my internship at CSIT, I worked on two projects aimed at increasing operational efficiency and reducing manual support. The first involved leveraging industry-standard software development and DevOps tools to replace a legacy system with a new tech stack. Thereafter, I focused on data analytics tools to build a dashboard application for backend operation analysis. Although working with new tools was challenging, my course curriculum and mentor’s guidance laid a solid foundation for me to become proficient in using them. This practical experience enhanced my adaptability, collaboration skills, and deepened my understanding of real-world defence sector needs, making it a valuable learning experience.

Rachel Tan
DSTA Scholarship Recipient
Internship at Centre for Strategic Infocomm Technologies (CSIT)

Unlock Your Future in IT

Are you passionate about Information Technology (IT) but undecided about which IT course to take? The Common Infocomm Technology Programme (DCITP) is designed to help you make an informed choice.

This semester-long programme is designed to give you a broad introduction to the Infocomm landscape, offering insights into various job roles, career pathways and employment opportunities. By the end of Year 1 Semester 1, you’ll have gained useful insights from the various opportunities enabling you to make an informed choice among the three IT courses available for pursuit.

WHAT YOU CAN EXPECT

• Gain insights into the three courses by exploring various modules such as frontend development, fundamentals of computing, and mathematics.
• Take part in the Diploma Exposure Program, which includes a one-day event featuring course sharing, Q&A sessions, and hands-on activities aimed at providing a better understanding of the courses.
• Utilise Education and Career Guidance to identify your career goals, then select a course aligned with those goals. This involves gaining industry exposure through career talks and receiving guidance from your tutor.

WHAT’S NEXT

Year 1

Diploma in Applied AI & Analytics (DAAA) ($30)

Year 2

Diploma in Cybersecurity & Digital Forensics (DCDF) ($94)

Year 3

Diploma in Information Technology (DIT) ($69)

After my O Levels, I was uncertain about my IT-related career path. DCITP provided a structured approach, allowing me to explore various diplomas within the School of Computing in the first semester, giving me the clarity I needed. I gained essential computing knowledge, forged lasting friendships, and discerned the differences between the three computing diplomas. Fundamentals of Programming introduced me to JavaScript and sparked my interest in pursuing a career in Applied AI and Analytics. Overall, DCITP has truly shaped my IT aspirations.

Chan Yee Jie
Common ICT Programme Alumnus

The Right Choice
Cyber Defenders of Tomorrow

In today’s digital age, the threat of cybercrime is more real than ever. As we increasingly rely on the Internet to store and manage vital information, it becomes crucial to protect it from cybercriminals. Join the Diploma in Cybersecurity & Digital Forensics (DCDF) course and be part of the elite force to keep the Cyber World safe!

DCDF offers a rewarding, industry-aligned curriculum that equips you with cybersecurity skills to counter offensive attacks, adopt defensive measures and implement investigative techniques. With the skills of the future in your armoury, you’ll open up a world of opportunities in the digital realm.

WHAT YOU CAN EXPECT

• Choose from three specialised tracks that focus on different aspects of cybersecurity:
  - Cyber Offensive and Operational Technology
  - Cyber Defence Security
  - Security Incident Management

• INDUSTRY NOW CURRICULUM (INC) Experience real-world cybersecurity roles and earn module credits at our student agency. Learn hands-on from real client projects by joining the Security Operations Centre.

• INDUSTRY CERTIFIED CURRICULUM (ICC) Earn industry-aligned certifications and open doors to exciting career opportunities to pursue your passion.

• CYBER WARGAME CENTRE Prepare for REAL cyberthreats through realistic scenarios recreated in this learning space.

• ACCELERATED PATHWAY PROGRAMME Take up modules taught by Singapore University of Technology and Design (SUTD) or Singapore Management University (SMU) and complete your degree earlier.

• SP DCDF-DIS Work-Learn Programme This Work-Learn Programme offers final year students in DCDF a unique opportunity to advance their career by completing their year-long internship and part of National Service through interning at Digital and Intelligence Service (DIS) and leading to a Cyber Defence Specialist.

FURTHER STUDIES

You can pursue further studies at local or international universities, with the latter granting direct entry into the second or third year of related undergraduate programmes in countries such as Australia, the United Kingdom and the United States.

SCHOLARSHIPS

• Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
• Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
• DSO National Laboratories (DSO) Diploma Scholarship
• Singapore Polytechnic Scholarship

Master the Language of the Future

Embark on the Diploma in Information Technology (DIT) course at the School of Computing and empower people to live meaningful lives enabled by technology.

Be at the forefront of digital transformations. From mobile applications to advancements in information technology, you will explore a wide range of skillsets that shape the future of our society.

SCHOLARSHIPS

• Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
• Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
• DSO National Laboratories (DSO) Diploma Scholarship
• Singapore Polytechnic Scholarship

FURTHER STUDIES

Quench your thirst for knowledge at local or international universities! Our graduates may receive module exemptions or advanced standings with relevant courses offered locally at NUS, NTU, SIT, SUTD and SMU. You can also gain direct entry into the second or third year of study in relevant undergraduate degree courses in countries including Australia and the United Kingdom.

WHAT YOU CAN EXPECT

• Tailor your learning experience and choose from any one of three specialisations:
  - Immersive Simulation
  - Educational Development
  - Software Development

• Software Development - Master programming, software engineering and create innovative applications.
• User Experience (UX) Design intuitive digital experiences, conduct user research and optimise usability.

Under these specialisations, you will hone industry-relevant skills and be well-equipped with the latest tools, technologies, and methodologies to thrive in the IT industry.

• INDUSTRY NOW CURRICULUM (INC) If you thrive on learning by doing, opt for this alternative learning pathway and gain module credits by working on real industry projects.

• PROFESSIONAL CERTIFICATIONS Enhance your industry recognition by taking up professional certifications from companies such as Microsoft and Google.

• IMMERSIVE EXPERIENCE TECHNOLOGY CENTRE (IXT) Gain practical experience by working on real client projects with industry partners.

• ACCELERATED PROGRESSION PATHWAY Take up modules taught by Singapore University of Technology and Design (SUTD) or Singapore Management University (SMU) and complete your degree earlier.

During the internship, I was given the opportunity to be a product manager where I had to execute tasks such as user research and product visioning. This role helped me gain a better understanding of how my code can solve real-world problems. I was also able to apply knowledge and skills learnt in this course.

Azzahabie Sadali
Internship at AVS

The Right Choice
Here at the MAD School, our students are trained to take what they see as possibilities, and turn them into reality. Own your creativity with MAD today!

AT THE MEDIA, ARTS & DESIGN (MAD) SCHOOL, WE ARE MAD ABOUT:

- Building skills in your chosen area to fuel your passion and creative potential.
- Collaborating with industry partners to prepare students for further studies and employment.
- Developing creativity using studio-based and transdisciplinary pedagogical methods.
- Providing authentic learning spaces modelled after real-world work environments.

Do you want to make a difference in the media, arts and design fields? Are you curious, expressive, brave, and empathetic? Then DMAD is the diploma for you!

Here at the MAD School, our students are trained to take what they see as possibilities, and turn them into reality. Own your creativity with MAD today!

For more information regarding entry requirements, courses and careers, please contact:

Media, Arts & Design School
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/mad

Scan here to find out more about MAD!

ENTRY REQUIREMENTS
Aggregate Type: ELR2B2-A

SUBJECT GRADE

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<tr>
<td>Any one of the following relevant subjects for the ELR2B2-A Aggregate Type:</td>
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<td>• Business Studies</td>
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<td>• Combined Humanities</td>
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<tr>
<td>• Commerce/Commercial Studies</td>
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<td>• Economics</td>
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<td>• Geography</td>
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<td>• Higher Art</td>
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<td>• Higher Music</td>
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<td>• History</td>
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<td>• Humanities (Social Studies, Literature in English/Chinese/Malay/Tamil)</td>
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<tr>
<td>• Humanities (Social Studies, History)</td>
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<tr>
<td>• Intro to Enterprise Development</td>
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<tr>
<td>• Literature in English/Chinese/Malay/Tamil</td>
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<tr>
<td>• Media Studies (English/Chinese)</td>
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<tr>
<td>• Music</td>
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</table>
SPECIALISATIONS

Animation & Games (AG)

Remember the game that you couldn’t stop playing? The one that transported you to another world altogether? You could be making the next one. Craft the next generation of immersive online experiences, animation and games that will capture the attention of millions.

Animation and games are no longer just for entertainment. They have become an integral part of life, both in the home and in the workplace. Mixed reality/AR/VR are now the cutting edge of today’s digital environment and content creation. They are tools to reach out to audiences and help connect people and solve problems.

Creative Community Engagement with Psychology (CCEP)

Are you interested in reaching out to people to understand them? Do you have a passion to work with different and diverse segments of society, like the young, the seniors, the vulnerable or the general public? It’s all about finding out more about them and empowering them to create change.

Community engagement requires some important tools. Psychology helps you to understand how different communities think and behave. Another tool is participatory arts. Through planning and delivering community engagement programmes, you will learn how to use creative approaches to connect, engage and empower people.

Digital Media & Communications (DMC)

Have you been captivated by videos on social media? Do you want to create content that touches other people? Do you believe in the power of media? It is time to learn how to harness that power to help organisations and businesses reach out to the public.

DMC is all about using digital and mass media platforms to engage audiences and communicate key messages using different platforms and disciplines. You will learn how to use advertising, branding and public relations to reach out to different audiences. You will also create different types of content to engage your audience in creative ways.

Experience & Product Design (XPD)

How do platforms like Netflix and Instagram attract millions worldwide with their user insight and innovation? User Experience (UX) Design stands as a powerful tool for solving problems, enhancing accessibility, and revolutionising interactions between humans.

At XPD, we explore how design blends with psychological insights. You will learn to create innovative solutions that are compelling both in functionality and emotional connection. Through hands-on industry projects, design for both digital and physical realms and open up yourself to opportunities in various fields of design.

Sound & Music (SM)

Music and sound fill every part of our lives. Music is more than just entertainment, it is a form of expression and affects our emotional and intellectual state. Music is a medium for communication at a very primal level. Music is the primary focus of this specialisation: you will learn to compose, arrange, produce and manage musical and audio content for various contexts.

Has a piece of music or some evocative soundscape ever affected you in a way you could not explain? Harness your love of music and the power of sound to connect with audiences.

Story & Content Creation (SCC)

Are you captivated by a good story? Do stories move you and stimulate your imagination? Have you felt a deep, personal connection to a story that you’ve read, watched or heard? Here’s where you can discover the untold stories within you.

In Story & Content Creation, you will learn the art of storytelling. You will conduct research, ideate, develop, write and craft content across various media platforms, genres and target audiences. Dream it. Write it. Make it!

Visual Communication & Motion Design (VCMD)

Ever wondered how to turn your imagination into inspiring visuals. Are you ready to “design” your future? Perhaps our family of passionate designers is where you belong, to embark on a journey to bring your ideas to life... together.

VCMD requires a blend of creativity, technical skills, and a deep understanding of human psychology. Cultivate a keen eye for aesthetics, overcome creative blocks, hone your design expertise, and translate your ideas into impactful visuals.

MORE EXCITING MAD EXPERIENCES

It is not just about the course and the specialisation. At DMAD, you can try out different things and pick up all kinds of different skills. Or you could indulge in some of your other passions as well. For example, you could take a range of modules in Creative Entrepreneurship to turn your passion into a profitable endeavour; or modules in Virtual Production to create cutting-edge digital content and experiences.
We pride ourselves on strong industry partnerships. Through local or overseas internships and final-year projects, you’ll get to apply what you learn to challenging real-life scenarios, alongside experienced engineers from some of the top companies in the industry. SP’s engineering students also have the opportunity to take an Accelerated Pathway Programme to a bachelor’s degree, giving you a unique head start to your dream career.

Join Singapore’s largest engineering school with over 80,000 illustrious alumni who are highly sought-after in various fields of engineering.

SP ENGINEERING

Want to make an impact on society by tackling some of the world’s biggest challenges?

SP Engineering gives you the chance to shape our future through scientific and technological innovations that create a greener, safer, more sustainable and better-connected world. Using a multi-disciplinary and hands-on approach, we nurture future-ready engineers that are prepared for any challenge.

DARE – S88
AERONAUTICAL ENGINEERING

Take Your Passion to New Heights Where Sky is Not the Limits

WHAT YOU CAN EXPECT

• Pursue a Private Pilot License (PPL) at the Singapore Youth Flying Club (SYFC)
• Participate in local and overseas competitions such as the Singapore Amazing Flying Machine Competition (SAPMC)
• Explore different cultures during the overseas exchange programme.
• The DARE curriculum prepares you for the CAAS Airworthiness Requirement (SAR 66) exams.
• Look forward to attractive career opportunities in the aerospace industry.
• Complement your domain modules with emerging digital skills.

FURTHER STUDIES

You can gain an advanced standing of up to two years in mechanical engineering degree courses at local and international universities, such as:
• Nanyang Technological University (NTU)
• National University of Singapore (NUS)
• Singapore University of Technology and Design (SUTD)
• Singapore Institute of Technology (SIT)
• Singapore University of Social Sciences (SUSS)
• Imperial College London
• Embry-Riddle Aeronautical University, USA
• University of New South Wales (UNSW)
• University of South Australia

CAREER OPTIONS

• Aeronautical Engineering Technician
• Assistant Aeronautical Design and System Engineer
• Assistant Aerospace Sales and Marketing Engineer
• Assistant Aerospace Systems Quality Assurance Engineer
• Assistant Engineering Service Engineer
• Assistant Mechanical Engineer
• Assistant Simulator Systems Engineer
• Assistant Technical Service Engineer
• Assistant Unmanned Vehicle System Design Engineer
• Flight Operations Officer
• Licensed Aircraft Maintenance Engineer
• Aircraft Maintenance Planning Executive
• Aircraft Maintenance and Composite Repair
• Aircraft Maintenance Planning Executive
• Aircraft Maintenance Planning Executive

Aerospace Emerging Technology

Broadening

Deepening

Aero Design and Manufacturing

Aerospace Management

DARE ELECTIVE TRACKS

Applicants should not be suffering from severe colour deficiency (including colour blindness), acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

If you need more information on entry requirements, courses and careers, please contact School of Electrical & Electronic Engineering (EEE)
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/eee

School of Mechanical & Aeronautical Engineering (MAE)
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/mae

Aerospace Electronics (S90)
Electrical & Electronic Engineering (S99)
Engineering with Business (S42)
Mechanical Engineering (S91)
Mechatronics & Robotics (S73)

If you’re ready to mount new heights, DARE is your gateway to an eye-opening adventure in the aerospace industry.

English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 6

Any one of the following subjects:
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Design & Technology
• Electronics/Fundamentals of Electronics
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)

DARE – S88
AERONAUTICAL ENGINEERING

Take Your Passion to New Heights Where Sky is Not the Limits

WHAT YOU CAN EXPECT

• Pursue a Private Pilot License (PPL) at the Singapore Youth Flying Club (SYFC)
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FURTHER STUDIES

You can gain an advanced standing of up to two years in mechanical engineering degree courses at local and international universities, such as:
• Nanyang Technological University (NTU)
• National University of Singapore (NUS)
• Singapore University of Technology & Design (SUTD)
• Singapore Institute of Technology (SIT)
• Singapore University of Social Sciences (SUSS)
• Imperial College London
• Embry-Riddle Aeronautical University, USA
• University of New South Wales (UNSW)
• University of South Australia

CAREER OPTIONS

• Aeronautical Engineering Technician
• Assistant Aeronautical Design and System Engineer
• Assistant Aerospace Sales and Marketing Engineer
• Assistant Aerospace Systems Quality Assurance Engineer
• Assistant Engineering Service Engineer
• Assistant Mechanical Engineer
• Assistant Simulator Systems Engineer
• Assistant Technical Service Engineer
• Assistant Unmanned Vehicle System Design Engineer
• Flight Operations Officer
• Licensed Aircraft Maintenance Engineer
• Aircraft Maintenance Planning Executive
• Aircraft Maintenance Planning Executive
• Aircraft Maintenance Planning Executive

Aerospace Emerging Technology

Broadening

Deepening

Aero Design and Manufacturing

Aerospace Management

DARE ELECTIVE TRACKS

Applicants should not be suffering from severe colour deficiency (including colour blindness), acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

If you need more information on entry requirements, courses and careers, please contact School of Electrical & Electronic Engineering (EEE)
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/eee

School of Mechanical & Aeronautical Engineering (MAE)
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/mae

Aerospace Electronics (S90)
Electrical & Electronic Engineering (S99)
Engineering with Business (S42)
Mechanical Engineering (S91)
Mechatronics & Robotics (S73)

If you’re ready to mount new heights, DARE is your gateway to an eye-opening adventure in the aerospace industry.
AEROSPACE ELECTRONICS
DASE – S90

At DASE, you’ll gain skills such as flight management, instrumentation, navigation and more, placing you at the forefront of advancements in the aerospace industry. With a curriculum approved by the Civil Aviation Authority of Singapore (CAAS), you’ll gain future-ready skills to align with industry advancements.

Dive into the exciting world of Aerospace Engineering (Avionics) and ICT in Emerging Technologies through hands-on experiences and industry partnerships. Internship opportunities await at prestigious companies such as:

• Airbus
• Rolls-Royce
• SIA Engineering Company

Pursue your aviation dreams here! Obtain a Private Pilot License (PPL) at the Singapore Youth Flying Club (SYFC) and dive into the complexities of Commercial Pilot Theory to gain a competitive edge. If you’re captivated by drones, add a CAAS Unmanned Aircraft Pilot License (UAPL) to your repertoire.

Our 4,660-square-metre Aerohub boasts four aircrafts and two full-motion simulators, providing a hyper-realistic experience that is as close as it gets to the real deal. As the official training partner for ST Engineering Aerospace, we equip you with the most in-demand skills in the aerospace industry, providing you with a multitude of exciting career prospects.

WHAT YOU CAN EXPECT

• Complement your domain modules with critical human and emerging digital skills, enhancing your overall learning experience.
• Gain expertise in specialised areas with a Certificate in Aviation Management or choose from electives focused on commercial pilot theory, unmanned aerial vehicle (UAV) flying, and drone technologies to enhance your career prospects.
• Gain valuable industry experience through the 22-week overseas or local internship at reputable aerospace companies such as: Airbus, Rolls-Royce, SIAEC, ST Engineering Aerospace, Thales, CAAS and Changi Airport Group.

FURTHER STUDIES

You can gain an advanced standing of up to two years of exemption in Aerospace Engineering, Electronic & Electrical Engineering or Computer Engineering degree courses in local and overseas universities such as NUS, NTU, SUTD, SIM, SIT, SUSS, Emory-Riddle Aeronautical University (USA), Imperial College (UK) and University of New South Wales (Australia).

Develop your skills and experiences in aerospace engineering, electronics, electrical and mechanical engineering fields during your first semester, opening up doors to various disciplines and industries.

FUTURE STUDIES

At DASE, my primary responsibility involves enhancing the learning experience for Air Force Engineers through the design and development of a Mixed Reality Application using the Microsoft HoloLens 2. Having acquired C++ programming skills during my first year at SP, I found it immensely valuable in streamlining the development process for the Mixed Reality Application.

Hansen Wee
DSTA Polytechnic Engineering Scholar Internship at Defence Science and Technology Agency (DSTA), Singapore

BUILD A STRONG FOUNDATION IN ENGINEERING, DISCOVER YOUR STRENGTHS

In the first semester, you will be introduced to a wide range of engineering modules, where you get to dabble with mechanical equipment, electrical circuits and electronic gadgets. Through immersive experiences, you’ll have the chance to discover your interests and strengths, paving the way for a future in engineering that resonates with you.

At the end of your first semester, you’ll be able to make an informed decision to pursue one of seven engineering diplomas offered by SP.

S88 Aeronautical Engineering
S90 Aerospace Electronics
S53 Computer Engineering
S99 Electrical & Electronic Engineering
S42 Engineering with Business
S91 Mechanical Engineering
S73 Mechatronics & Robotics

COMMON ENGINEERING PROGRAMME
DCEP – S40

Entry Requirements

Range of Net 2024 JAE ELR2B2: 7 – 19
Aggregate Type: ELR2B2-C

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<td>• Science (Physics, Biology)</td>
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</tbody>
</table>

**FURTHER STUDIES**

Depending on your specialisation, you can pursue an engineering degree at a local or international university.

**WHAT YOU CAN EXPECT**

• Discover a wide range of engineering disciplines.
• Get an overview of the skills, competencies, and equipment pertinent to various technologies.
• Ascertain your strengths and interests through exposure to various engineering disciplines, leading to a more informed career choice.

**ENTRY REQUIREMENTS**

Range of Net 2024 JAE ELR2B2: 5 – 12
Aggregate Type: ELR2B2-C

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</table>

**FURTHER STUDIES**

Depending on your specialisation, you can pursue an engineering degree at a local or international university.

**WHAT YOU CAN EXPECT**

• Discover a wide range of engineering disciplines.
• Get an overview of the skills, competencies, and equipment pertinent to various technologies.
• Ascertain your strengths and interests through exposure to various engineering disciplines, leading to a more informed career choice.
Creating Intelligent Systems for Modern Cities

Enter the thrilling world of computers, where intelligent systems shape our future. In a rapidly changing world, the Diploma in Computer Engineering (DCPE) offers a comprehensive and flexible curriculum so that you can keep your career and study options wide open.

As we propel towards a future where autonomous vehicles, drones, and intelligent city management systems play a vital role, it’s crucial to stay ahead in areas like Artificial Intelligence of Things (AIoT), data analytics, 5G networking, and cybersecurity. DCPE allows you to harness these cutting-edge capabilities, empowering you to shape the future and create innovative solutions for a “Smart Nation” like Singapore.

SCHOLARSHIPS

• Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
• DSO National Laboratories (DSO) Diploma Scholarship
• Defence Science and Technology Agency (DSTA) Digital/Engineering Scholarship
• Singtel SHINE Cadet Programme
• Singapore Polytechnic Engineering Scholarship

The Power to Fuel the Future

Dive into a diverse range of engineering subjects with the Diploma in Electrical & Electronic Engineering (DEEE) and develop versatile, industry-ready skillsets. With a prestigious history of over 65 years and over 20,000 successful graduates, we have a track record of producing successful engineers that are highly sought-after in the field.

WHAT YOU CAN EXPECT

• Pursue your passion through electives that can lead to a certificate or minor.
• Gain exposure through a 6-week Overseas Immersion Programme to Japan.
• Join the SP-NUS Accelerated Pathway Programme or SP-SUTD Accelerated Pathway Programme to get a head start in university life.

FURTHER STUDIES

There are more than 14 degree programmes from local universities in Computer Science/Engineering, Information Systems, Data Science, Artificial Intelligence, and Electrical & Electronic Engineering that you can apply for. You will also be eligible for advanced placements in computer-related degree programmes of universities in Australia, New Zealand and United Kingdom.

CAREER OPTIONS

• Assistant Computer Engineer
• Associate Security Engineer
• Cloud Engineer
• Embedded System Engineer
• IT Support Engineer
• Network Engineer/Administrator
• Software/Mobile Applications Developer

I completed my internship locally at Centre for Strategic Infocomm Technologies (CSIT). As an intern in the Software Engineering department, I worked on a fullstack development project and explored various technology stacks. It was a fulfilling and memorable experience as I could learn new, modern technology stacks that enabled me to build on the foundations of my existing knowledge in software development. I also had the opportunity to interact with my mentors and staff at CSIT, who were knowledgeable and helpful, giving me an insight into the working environment at CSIT. This experience has helped to shape my current aspirations and solidified my interests in software engineering.

Tan Wee Joe
DCPE Gold Medalist
The Institution of Engineers Gold Medal Award Recipient
Civil Engineering Scholarship

Applicants should not be suffering from severe colour deficiency, acute hearing impairment or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and wishes to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW).

SCHOLARSHIPS

• A*STAR Science Award (Polytechnic)
• DSO Diploma Scholarship
• DSTA Polytechnic Digital/Engineering Scholarship
• Micron Scholarship
• PSA Scholarship
• PSC Scholarship
• SG-Rail Scholarship
• Singtel SHINE Cadet Programme
• SP Engineering Scholarship

CAREER OPTIONS

• Assistant Electronics/Electrical Engineer
• Assistant Quality/Process/Project/ Test Engineer
• Assistant Facilities Management Engineer
• Assistant Field Service Engineer
• Assistant Instrumentation Engineer
• Assistant Maintenance Engineer
• Biomedical Equipment Service Engineer
• Solar (PV) Technologist
• Technical Officer

FURTHER STUDIES

You can gain direct entry into the second year or equivalent to pursue an EEE-related degree in local universities, such as NUS, NTU, SUTD, and SIT. You can gain an advanced standing of up to two years in overseas universities, such as University of New South Wales (Australia), Imperial College London (UK), and University of Auckland (New Zealand).

As a DSO Diploma Scholar, I interned for four and a half months at DSO National Laboratories. I was assigned to work on wireless communication projects although I had no background in that field. With the guidance of my supervisor, I was able to learn the necessary concepts quickly and successfully delivered two new capabilities to my DSO team. I enjoyed the research work there because it was full of challenges and surprises, and every day was different. I also enjoyed the friendly, collaborative, and professional environment at DSO, where each individual's contributions are valued. This internship was an eye opener to the world of defence research, and the experience has affirmed my desire to pursue a career in defence technology.

Lee Jing Yang Gabriel
DSO Diploma Scholar
Lee Kuan Yew Award Recipient
SP Excellence Award Recipient

Applicants who have colour vision deficiency, and wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and wishes to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW). This condition is required by the Energy Market Authority (EMA) of Singapore. In addition, applicants should not be suffering from severe colour deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.
ENGINEERING WITH BUSINESS

Synergising Engineering with Business Solutions

Are you looking to fuel your passion for engineering and technology, while honing your business acumen? The Diploma in Engineering with Business (DEB) is your ticket to the best of both worlds, by combining engineering principles with essential business knowledge.

WHAT YOU CAN EXPECT

• Gain multi-faceted perspectives through electives that can lead to a certificate or minor.
• Acquire skills in engineering design, programming and electronic engineering while mastering the art of marketing cutting-edge technological solutions. You’ll also learn about artificial intelligence, develop mobile applications and be fluent in data to be well-equipped to navigate the digital revolution. Dive deeper into the areas that ignite your curiosity through a selection of electives and earn certificates or minors along the way.

FURTHER STUDIES

You have the flexibility to further your studies in engineering, business or similar interdisciplinary programmes in both local and overseas universities. You can get advanced standing of up to two years when you take up engineering or business degree programmes. At NTU, you may get up to one year of exemption for engineering-related courses. At NUS, you may get advanced placement credits (APCs) in relevant modules for up to a maximum of 40 modular credits (equivalent to a year’s worth of study).

CAREER OPTIONS

- Assistant Engineer (Product Design/Development)
- Business Development Executive
- Customer Relationship Management Executive
- Entrepreneur
- Procurement Executive
- Sales and Marketing Executive

Careers can range from applications engineers, to system and software developers, to international sales representatives. Opportunities are available in established local and overseas universities.

During my internship at DSO, I had the opportunity to create a battery-operated underwater data logger that captured kinematic data from underwater systems. I applied the CDIO framework to my projects and put into practice the technical skills I acquired at SP. These skills encompassed C++, programming, prototyping using breadboards, and 3D design.

Bryan Chia
SP Engineering Scholar Internship at DSO National Laboratories

ENTRY REQUIREMENTS


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- Biotechnology
- Chemistry
- Computing/Computer Studies
- Design & Technology
- Electronics/Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

Applicants should not be suffering from severe visual deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

FURTHER STUDIES

You can gain an advanced standing of up to two years in relevant engineering degree courses at local and international universities, such as:
- Nanyang Technological University (NTU)
- National University of Singapore (NUS)
- Singapore University of Technology & Design (SUTD)
- Singapore Institute of Technology (SIT)
- Singapore Institute of Technology (SIT) (University of Glasgow and Newcastle University)
- Singapore Institute of Social Sciences (SUIS)
- Imperial College London
- University of Manchester
- University of Birmingham
- University of New South Wales
- Royal Melbourne Institute of Technology

CAREER OPTIONS

- Assistant Automation Engineer
- Assistant Engineering Services Engineer
- Assistant Facility Engineer
- Assistant HVAC (Heating, Ventilation & Air-Conditioning) Engineer
- Assistant Machine & Product Design Engineer
- Assistant Medical Device/Equipment Application Engineer
- Assistant Medical Device Design Engineer

Kelly Tay Keli
DME – S91

I interned at SIMTech (Singapore Institute of Manufacturing Technology), A*STAR, as part of my scholarship. I realised the significance of coding in Industry 4.0, despite it not being my favourite. The experience honed my skills in technical drawings, 3D modeling and 3D printing. I even got some of my designs fabricated by CNC machining! In research engineering and manufacturing, precision is vital, requiring many trial-and-error tests with 3D printed parts.

KELLY TAY KELI
DME – S91

The Right Choice
Blending Mechanical, Electronics and Programming, Robotising the Future

Dive into the realm of cutting-edge intelligent systems that can move, interact, and even think independently. At the Diploma in Mechatronics & Robotics (DMRO), you will be equipped with mechanical engineering, electronics, and programming knowledge to design and build intelligent systems.

At DMRO, we believe in inspiring minds, igniting passion, and innovating solutions. Our teaching methods emphasise active and collaborative learning experiences, incorporating the Conceive-Design-Implement-Operate (CDIO) framework that combines engineering fundamentals with real-world systems and products. Moreover, our curriculum infuses intrinsic motivation methods to inspire you to build skills that will take you further in life.

If you’re captivated by engineering, electronics, and programming, join DMRO to inspire you to build skills that will take you further in life.

WHAT YOU CAN EXPECT

• Gain practical industry experience
• Hone your engineering skills at the dedicated DMRO Learning Space
• Discover your intrinsic motivation and unlock your potential
• Check out the multiple pathways to established local and overseas universities
• Choose from diverse career options in emerging fields such as robotics, automation, and advanced manufacturing

FURTHER STUDIES

You can gain an advanced standing in Mechanical, Mechatronics, Robotics Systems, Electrical & Electronics, Computer Science or Computer Engineering degree courses in both local (NUS, NTU, SMU, SUTD) and international universities. Selective module exemptions or direct entry to second year are based on merit and subjected to the approval of the respective faculties/universities.

CAREER OPTIONS

• Assistant Automation Engineer
• Assistant Design Engineer
• Assistant Electromechanical Engineer
• Assistant Mechanical Engineer
• Assistant Mechatronics Engineer
• Assistant Robotics Engineer

Entry Requirements

Range of Net 2024 IAE ELR2B2: 4 – 20
Aggregate Type: ELR2B2-C

SUBJECT | GRADE
---|---
English Language | 1 – 7
Mathematics (Elementary/Additional) | 1 – 6
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   • Design & Technology
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   • Science (Chemistry, Biology)
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   • Science (Physics, Chemistry)

Applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

Further studies

You can gain an advanced standing in Mechanical, Mechatronics, Robotics Systems, Electrical & Electronics, Computer Science or Computer Engineering degree courses in both local (NUS, NTU, SMU, SUTD) and international universities. Selective module exemptions or direct entry to second year are based on merit and subjected to the approval of the respective faculties/universities.

Career options

• Assistant Automation Engineer
• Assistant Design Engineer
• Assistant Electromechanical Engineer
• Assistant Mechanical Engineer
• Assistant Mechatronics Engineer
• Assistant Robotics Engineer

During my internship at a local SME company called Pocket Technology Pte. Ltd., I primarily collaborated with my supervisor on tasks such as designing components using 3D software, assembling these components, and operating a variety of equipment. While I was able to apply the knowledge I had gained in school, the internship also exposed me to the realization that there is a wealth of additional essential knowledge and skills specific to the job that I had yet to acquire. This experience was a valuable opportunity for me to learn and grow in my field.

Chanakyan Kannan
DMRO Gold Medallist
Internship at Pocket Technology

I definitely became more independent as I’m studying here alone. I learned to solve problems myself or seek help and be calm when facing difficulties. I have also become more confident and outgoing with the help of my friends, and appreciate different cultures which broadened my perspective. It still amazes me how this multi-racial society functions!

MU YIXU
Home country: China
Nanyang Technological University Singapore, Bachelor of Science in Chemistry and Biological Chemistry
SP Diploma in Perfumery & Cosmetic Science, 2020

NI NANYU
Home country: China
National Technological University Singapore, Bachelor of Science in Chemistry and Biological Chemistry
SP Diploma in Perfumery & Cosmetic Science, 2020

SP’s curriculum is equally mixed, including both practical and theoretical knowledge. It has built up my foundation in understanding engineering practices and allowed me to relate better between what was taught in class and how it can be applied in real life. Apart from that, the lecturers were approachable and helpful towards all of us, encouraging us to strive for the best. These skills and experiences I acquired from SP definitely helped me to be a better learner and person, equipping me well to manage university academics.

Singapore理工学院提供理论与实践相结合的教学模式, 增强了我的技能和经验, 让我掌握了学习的技巧, 能够更好地应付大学学业, 也让我成为一个更好的人。
Driving Force of Maritime Advancements

The Diploma in Marine Engineering (DMR) is a rigorous programme covering various engineering disciplines. It combines mechanical engineering, electrical and electronic engineering, engineering design, and control technology - all crucial for transforming a ship into an independent power plant.

- Marine/ Mechanical Engineering
- Electrical and Electronic Engineering
- Naval Architecture
- Offshore Technology
- Control Technology

Alongside lectures and practical workshops, you’ll gain hands-on experience in advanced ship simulators and various engineering training software. Be equipped with operational skills and competencies required for both sea-going and shore-based careers.

During your third year, you will have the opportunity to choose between a sea-going or shore-based route.

Join DMR and gear towards a rewarding career path with abundant opportunities.

WHAT YOU CAN EXPECT

- Acquire a diverse range of in-demand engineering technological skills and comprehensive knowledge through immersive hands-on training.
- Attend talks by industry professionals, participate in on-site visits and get real-world industry exposure through various international maritime events.
- Propel your maritime career with a six-month internship either on board ships or within the shore-based maritime sector.
- Gain direct entry into related engineering degree programmes locally such as at NUS and NTU and overseas universities.

All applicants must pass the colour vision test as per the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

Internships in the maritime industry can be daunting for women but the experiences I’ve gained onboard the vessel have allowed me to emerge stronger than I ever thought was possible. I’m excited about what the future brings and I look forward to the endless possibilities of digital transformations in the maritime industry.

Petrina Tan
SP Institutional Medallist
Lee Kuan Yew Award Recipient
4th Engineer, Synergy Marine Group

For more information regarding entry requirements, courses and careers, please contact:
Singapore Maritime Academy
Tel: (65) 6775 1183
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/sma

MARINE ENGINEERING
DMR – S63

CAREER OPTIONS
DMR is one of the most versatile programmes and it offers you career flexibility. You can apply your knowledge to a wide-ranging field of engineering technologies.

-Wide career opportunities - The Right Choice

- Sales, Marketing & Business Development
- Marine Surveyor
- Chartering Agent
- Technical Executive
- Servicing Engineer
- Assistant Engineer

-Shore Based Marine Companies

-Procurement Executive
- Business Development
- Captain/轮机长

-Middle Management in shipping/offshore companies, engineering companies.

-Deepsea Engineering Specialist
- Marine Surveyor
- Independent Surveyor

-Offshore Oil and Gas: Ocean Technology
- Aircraft Engineering

-Naval Architecture and Marine Engineering
- Underwater Engineering

-Technical Management: Marine Surveying and Engineering
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- Marine Surveying and Engineering

-Middle Management in shipping/offshore companies, engineering companies.

-Deepsea Engineering Specialist
- Marine Surveyor
- Independent Surveyor

-Widely adaptable to many fields of engineering technologies. You can apply your knowledge to a wide-ranging field of engineering technologies.

-To apply your knowledge to a wide-ranging field of engineering technologies.

-Career opportunities - The Right Choice

- Sales, Marketing & Business Development
- Marine Surveyor
- Chartering Agent
- Technical Executive
- Servicing Engineer
- Assistant Engineer

-Shore Based Marine Companies

-Procurement Executive
- Business Development
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-Offshore Oil and Gas: Ocean Technology
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-To apply your knowledge to a wide-ranging field of engineering technologies.
Synergizing Success in Maritime Business

The Diploma in Maritime Business (DMB) offers a rewarding journey in the maritime industry. Gain a deep understanding of how the maritime business world operates, opening doors to exciting, fulfilling careers.

WHAT YOU CAN EXPECT

- Experience hands-on training, case studies and field visits to help you to link classroom concepts to real-world situations.
- An extensive programme that prepares you to be versatile, enabling you to gain employment in various sectors within the maritime industry.
- Receive first-hand experience of working in maritime-related organisations, with your six-month shore-based internship during the second year.

CAREER OPTIONS

Upon graduation, DMB graduates are highly sought after for appointments as junior executives in organisations running ship owning/management, shipbroking/chartering, ship/port agencies, logistics supply chain management and marine insurance/law companies; and in port/terminal operators and regulatory authorities. With working experience and exposure, the majority of DMB holders progress to managerial positions such as supervisors and assistant managers, with a few taking on higher responsibilities as managers.

Further Studies

You can gain direct entry into relevant BSc (Hons) programmes in Shipping Management, Maritime Business and Logistics conducted by local universities and reputable tertiary institutions from Australia, the United Kingdom and the United States. You may also pursue business programmes at NUS, NTU, SMU, SIU or SSIS.

FURTHER STUDIES

You can gain direct entry into relevant BSc (Hons) programmes in Shipping Management, Maritime Business and Logistics conducted by local universities and reputable tertiary institutions from Australia, the United Kingdom and the United States. You may also pursue business programmes at NUS, NTU, SMU, SIU or SSIS.

The Diploma in Nautical Studies

Embark on an exhilarating journey into the dynamic world of the shipping industry, where economic and commercial forces drive its success. You’ll be engaged in real-life industry case studies and master essential business skills. Form a deep appreciation of the complex freight transport network and explore the seamless integration of its components.

Join DMB to unleash your potential and excel in the dynamic world of maritime business careers.

ENTRY REQUIREMENTS


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The Diploma in Nautical Studies (DNS) consists of three phases, providing a solid foundation for your maritime career. If you have good eyesight (i.e., visual acuity unaided of 6/6 in both eyes and with visual acuity of 6/18 in the better eye and at least 6/9 in the other eye) and do not have colour vision deficiency, please show proof of having passed the Maritime and Port Authority of Singapore (MPA) Sight Test which is conducted at the Singapore Polytechnic Optometry Centre or by General Practitioners.

The DNS course consists of three phases, providing a solid foundation for your maritime career.

Phase 1: Pre-Sea Induction (18 months) — covering fundamental knowledge, skills and the STCW required training courses.

Phase 2: Sea-Training/Correspondence (12 months) — structured shipboard training to develop skills as a Navigating Officer.

Phase 3: Final phase (6 months) — return to Singapore Polytechnic to continue study and complete requirements leading to the Class 3 Certificate of Competency (CoC) qualification.

Join DNS and set sail toward an exciting future in maritime.

FURTHER STUDIES

With a DNS diploma, you can gain direct entry into relevant degree courses overseas. You can pursue a Bachelor’s degree in Navigation & Maritime Science offered by the University of Plymouth (UK), which is useful and beneficial for a shore-based career path.

I performed my internship at a local company, Golden Stena Baycrest (GSB) Tankers which was a joint venture company comprising of 3 different companies. During my 6 months stint, I was exposed to the container shipping industry with countless different opportunities that gave me a fulfilling learning experience.

Tan Xu Jie
DMB Gold Medallist
Internship at Golden Stena Baycrest (GSB) Tankers

Charting the Future of Maritime Excellence

Embark on an exciting voyage with the Diploma in Nautical Studies (DNS) and earn your Class 3 Deck Certificate of Competency (CoC), your first professional sea-going qualification. Take confident steps as a junior deck officer and rise to the helm as a ship master.

WHAT YOU CAN EXPECT

- Graduates will be awarded both an SP diploma and the internationally recognised professional Class 3 Certificate of Competency (CoC) qualification that allows you to sail as a certified sea-going officer worldwide.
- Train in the state-of-the-art simulators using virtual reality-based training tools and immersive environment that will equip you to handle various scenarios at sea.
- Gain the competencies and versatility to sail in any type of ship of any size worldwide.
- Get first-hand experience in working on board a vessel in the 12-month sea training phase.
- Receive support for career progression from government agencies and industry partners through financial rewards and benefits.

 entry requirements

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Science (Physics, Biology)
Science (Physics, Chemistry)

Any one of the following subjects: 1 – 6

Mathematics
Science (Physics, Chemistry)
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APPLICATION REQUIREMENTS

- Applicants must ensure that they have good eyesight (i.e., visual acuity unaided of 6/6 in both eyes and with visual acuity of 6/18 in the better eye and at least 6/9 in the other eye) and do not have colour vision deficiency.
- Applicants must show proof of having passed the Maritime and Port Authority of Singapore (MPA) Sight Test which is conducted at the Singapore Polytechnic Optometry Centre or by General Practitioners.
- SMAl shall facilitate the shipping company placement process for all enrolled DNS students, to complete their one-year sea service. International students are however strongly encouraged to source for their preferred shipping companies, prior to commencement of the course.

CAREER OPTIONS

As you enter the maritime world, remarkable opportunities await. Your experience and skills can lead to prestigious roles such as navigating officers, harbour pilots, and superintendents.

My cadetship experience has not only reinforced my passion for the maritime field but also shaped my future aspirations. I am now determined to become a skilled and proficient maritime professional to continue contributing to the safety and efficiency of maritime operations.

Fadhli Bin Bohari
DNS Gold Medallist

The Right Choice 2022
THE RIGHT CHOICE
2024/25
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到新加坡就读理工学院的五大优势

1. 在业界享有声誉
   新加坡理工学院的教学以应用为本，通过现实社会的案例教导学生应对问题的技巧。学生获得更多培训机会，积累丰富的实践经验并掌握职场所需的技能，因此深受许多公共和私人机构的青睐。

2. 获得国际机构高度评价
   新加坡的理工学院教育获得许多国际高等学府的认可。你可在理工学院发掘新的潜能。新加坡理工学院也共同领导“构思、设计、实现和运作”（CDIO）教育框架，这个模式获得全球150多所院校的支持，有利于工程教育的发展。

3. 全球高度认可的教育资格
   新加坡理工学院文凭受到广泛认可，有利于继续深造和开启职业生涯。你可通过30多个课程和各种实践机会，掌握应对现实社会问题所需的技能，为进入大学或职场做好充分准备。

4. 提前获得学士学位
   在新加坡理工学院毕业生中，每10人就有9人在毕业后半年内找到工作，这与大学毕业生的就业率相似。

5. 独特的本地和国际体验
   亚洲顶尖大学，包括新加坡国立大学和新加坡南洋理工大学，给予新加坡理工学院毕业生单元和学分豁免资格。许多英国、美国和澳大利亚的大学也给予豁免，可让你提前一年或更早完成课程并获得学士学位。

郑锦浩

你知道吗？

全球高度认可的教育资格

你知道吗？

提前获得学士学位

你知道吗？
我们是第一所推出完全定制特选课程的理工学院。除了你所选的文凭单元，你也可以从100多个特选课程中选择，以辅助学习和增强特定方面的知识。

我们是新加坡第一所理工学院，成立于1954年，蕴含近70年的丰富历史，影响深远。

我们是新加坡第一所推出应用人工智能与数据分析文凭课程的理工学院。

我们是新加坡第一所设立网络保安学院的高等学府。

我们是新加坡第一所直接与地铁站（杜弗地铁站）相连的理工学院。不管晴天还是雨天，往返校园都很方便。校园附近也有许多餐饮、购物和娱乐选择。

我们拥有超过22万名不同国籍、文化和背景的校友，是新加坡毕业人数最多的理工学院。许多毕业生是业内备受推崇的资深工程师、医生和建筑师。

我们也拥有最"绿"的校园，种植了超过230种植物。
在新加坡众理工学院中，我们的校园面积最大，也最绿化。校园内种植了超过230种热带植物，环境优美。这里充满活力、安全和设备齐全，可让你尽情发挥所长。

我很喜欢新加坡理工学院的图书馆，因为它提供了一个舒适的学习空间。我们的图书馆提供了安静的学习空间，而且环境优雅，营造出家的感觉。这里有舒适而独特的空间，促进学生之间的互动、协作和创新。

我们的校园景色宜人，你可在许多户外学习区松懈身心。接触大自然有助于缓解压力和焦虑，让你保持身心健康。

你喜欢在户外学习吗？那你可在Eleven户外遮篷空间学习、用餐和玩乐。Eleven户外遮篷空间你喜欢在户外学习吗？那你可在Eleven户外遮篷空间学习、用餐和玩乐。

校园周边地区的餐饮选择多不胜数，包括金文泰的小贩中心和波那维斯达(与新加坡理工学院仅一站之遥)的咖啡馆，肯定能满足你的味蕾。除了麦当劳、肯德基和赛百味等快餐店，这里还有六家食阁供你选择。

住在学校宿舍意味着从你抵达新加坡那一刻起，你就成为学校社群的一分子。你可在这里结交朋友，往返教室和校内设施也更方便。此外，校园和周边地区治安良好，能让你住得安心。

五层楼高的体育场备有12个羽毛球场、四个壁球场、两个网球场和两个篮球场，让你维持健康活。校园内也建有跑道、游泳池、健身房和其他户外运动设施。

热闹的金文泰住宅区与新加坡理工学院仅一站之遥，方便你品尝本地美食、购买价廉物美的生活必需品和杂货，还可以去电影院看电影。五家主要银行（大华银行、星展银行、华侨银行、马来亚银行和渣打银行）在金文泰设有分行，方便你办理银行等相关事务。金文泰广场也有邮政局。

我特别喜欢去波那维斯达的星悦汇商场，因为它靠近新加坡理工学院，而且建筑很独特。喜欢第二食堂的酿豆腐！我会和朋友在这里打羽毛球，有时打完球会去星巴克！
出国留学让人喜忧参半。你会结识很多新朋友，一起经历许多美好的事。如果你第一次离开家人，这也可能是一种挑战。

新加坡理工学院的国际学生提供一些贴士，协助你更好地适应新生活。

寻找住宿

新加坡有很多房屋租赁网站，所以我很容易就租到房间。我找到的住宿离学校只有两个地铁站，只需10分钟就能抵达校园！

建立有意义的联系

我在新加坡理工学院时，就加入了国际学生俱乐部。这是我做过最好的决定之一，因为我认识了很多来自不同国家的人。我们大多数都是独自来这里留学，有时可能会有点想家，但我们境遇相似，彼此惺惺相惜。加入俱乐部后，我参加了许多活动，也让我找到了家的温暖。

在新加坡留学时打工

理工学院学生可学期期间每周兼职工作不超过16小时，在假期期间则可全职工作。你可通过新加坡人力部网站（www.mom.gov.sg）了解详情。

生活费用

你可以在本地的kopitiam（咖啡店）找到价格很实惠的食物，例如3元5角到5元的鸡饭或杂菜饭。校园内的食物也稍微便宜一些，而且新加坡理工学院有六家食堂供你选择。

但如果你喜欢咖啡馆和餐馆的食物，也可以在许多购物商场找到这些比较贵的餐饮选择。我每个月的花费约为800元到1400元，包括房租、餐饮、交通、娱乐、手机和水电费。

新加坡出行选择

你到处都能轻易找到地铁或公交站。来搭公共交通对学生来说也很实惠（从学校的杜弗站到新加坡主要购物区之一的乌节路，只需6角6分）。我很喜欢到新加坡南部的直落布兰雅、圣淘沙和滨海湾地区。你也一定要去滨海湾花园走走！
你准备好迈出第一步吗？

重要日期
扫码查看申请就读新加坡理工学院所需留意的重要日期！

<table>
<thead>
<tr>
<th>教育资格</th>
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<tr>
<td>全部国际教育资格</td>
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<td>马来西亚独中统考（UEC）</td>
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<tr>
<td>国际文凭高中课程（IB）会考</td>
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你申请时需要协助吗？
请发电邮至 contactus@sp.edu.sg 或拨打 (+65) 6775 1133

2023年/2024年课程费用

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学费补助
如果你申请学费补助，你必须上网提交申请，并签署新加坡政府（教育部）学费补助契约。

根据学费补助契约的条款，毕业后你必须在一家新加坡企业工作三年。

执行学费补助契约时，必须有两名担保人。他们可以是任何国籍，年龄介于21岁至65岁，以及不是破产人士。