YOUR COURSE GUIDE TO
THE RIGHT CHOICE
2023/24

Information correct as of May 2023

SP Singapore Polytechnic
If you understand the things being taught to you, marks will follow you. The more you learn, the higher your marks will be. So focus on your learning.

Dr Zhou Wei

“Here’s why he thinks you should join SP:

- We have good lecturers (I hope the students feel that I am one of them.)
- Lecturers are supported with the resources they need at SP to enhance teaching and that translates to good learning outcomes.
- You have a lot of course options, learning pathways, and people you can learn from.

Meet Dr Zhou Wei from the School of Mechanical & Aeronautical Engineering who recently found himself in the limelight because many tiktokers agreed with the life advice he dished out during his class.
WHY SP?

TOP 5 REASONS FOR PARENTS...

1. We are well-established.
   Yes, SP is the first polytechnic set up in Singapore and our legacy continues to grow.

2. Our teaching and learning facilities are industry-relevant and state-of-the-art.
   Did you know the first ever Perfumery and Cosmetic Science Centre in Asia is right here in SP?

3. We recognise all types of achievements.
   Be it academic excellence, community contribution or exceptional sports accomplishments, SP is here to help your child reach their full potential with our extensive range of scholarships and awards.

4. Our lecturers are really good.
   We kid you not, they are really good at teaching but more than that, they help prepare your child to be life, work and most importantly, world-ready! Read about Dr Zhou, who found himself in the limelight recently, because the life advice he gave his students resonated with many other students in Singapore, on page 68 of Right Choice.

5. Only poly in Singapore where you get to customise your diploma.
   Students joining us in AY22/23 will have the opportunity to customise their diploma with the choice to take up to five electives. Depending on the electives chosen, your child could broaden or deepen skills learnt in their diploma course. For example, if your child is interested in Artificial Intelligence (AI), a very in-demand area of expertise, SP students can attain an AI Singapore e-AI Data Apprenticeship certificate by taking a curated suite of five electives and completing an industrial project jointly approved and assessed by SP and AISG.

TOP 5 REASONS FOR YOU...

1. We have great courses.
   With 34 full-time courses, you can definitely find your dream course.

2. You have over 100 CCAs to choose from.
   Whether you are naturally talented or just crazy interested, we promise you, you will find someone just as passionate about it as you are in your CCA of choice.

3. You will not run out of food to eat.
   With six food courts and various F&B outlets all around campus, you won’t ever be hangry!

4. We have an MRT station at our doorstep.
   You probably already know this — SP is literally steps away from Dover MRT station. Did we also mention it’s sheltered?

5. You can take up to 5 electives!
   Take three or take five electives, it’s up to you! Do electives that are related to your course of study or learn something completely new. Chart your own path here at SP.

HOW DID YOU KNOW SP WAS ‘THE ONE’?

IT WAS SP’S RELATIONSHIP WITH THE INDUSTRY.
I knew that internship was part of the curriculum at SP but to see so many internship spots available in the “The Big Four” accounting firms for my desired diploma course, I was sold.

Goh Liu Ying, Diploma in Accountancy graduate, ITE College Central alumna. Currently reading Accountancy at SMU.

For more information on JPAE, flip to pages 10–11 of Right Choice.

IT WAS LOVE AT FIRST SIGHT.
I knew I wanted to join SP after attending an Electrical & Electronic Engineering Advanced Elective Module (AEM) when I was in Secondary 3. I worked really hard to secure the GCE `N` level grades I needed to qualify for the Polytechnic Foundation Programme (PFP) and the rest they say is history!

Kimberly Suriya, Diploma in Mechatronics & Robotics graduate, 2021 Public Service Commission (PSC) Scholar and Lee Kuan Yew Award recipient. Currently reading Electrical and Electronics Engineering at NTU.

Turn to page 2 of Right Choice to read more about the PFP.

I DIDN’T, AT FIRST.
I went to Innova Junior College and while I had a great time, I was at a loss on what I wanted to do after graduating. After some soul searching and researching, I found my dream course at SP as well as my calling in life. Your first isn’t necessarily your last.

Eng Jing Hao, Year 3 Diploma in Human Resource Management with Psychology student, Innova JC alumnus.

Still undecided between choosing JC or poly, we have tips for you on page 7 of Right Choice.

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Choose your own SP adventure

Don’t know which SP course to choose? Narrow it down by answering a few questions based on your interests and strengths.

How would you describe yourself?

“Arts-y”
More into designing and crafting

“Business-y”
I want to learn everything related to business

“Science-y”
What are your favourite subjects?

Chemistry

Physics

Computer Studies

Robotics, Aircraft and Devices

Chemical & Life Sciences

Computer, Power, Systems and Tele-communications

Architectural & the Built Environment

Media, Arts & Design

Business

Singapore Maritime Academy

Mechanical & Aeronautical Engineering

Electrical & Electronic Engineering

Computing

The Right Choice

The Right Choice

The Right Choice

The Right Choice

THE PLANNER

ALTER EGOS

Captain Holt (Brooklyn 99), Hermione Granger (Harry Potter), Lisa (Blackpink)

THE FREE SPIRIT

ALTER EGOS

Penny (Big Bang Theory), Rachel (Friends), Jennie (Blackpink)

Here are some tips that can help you decide on the course that is right for you.

You probably have your life all figured (or at least planned) out and you know exactly what your next step is. You probably did a ton of research and have a pro-con list of all the courses you are eligible for from every poly mapped out. You probably talked to everyone in your carefully curated network of contacts to verify that your top three course choices will help you land or prepare for the job of your dreams. Maybe you have even planned out your first semester in school and picked out a CCA to join.

Here’s something you may have missed (no, really) and be honest with yourself: Will you enjoy what you will be studying? If your answer is a resounding YES, then go for it! But if that question made you do a double-take, perhaps you need to step away from your plans and your charts and listen to what your heart and intuition is trying to tell you.

For example, you want to be an architect and all your research points you to taking up a Diploma in Architecture but deep down you really love being in or close to nature. Perhaps a Diploma in Landscape Architecture might be more suitable for you.

Choose the course because you want to do it and not because you think that is what you should be doing.

To find out more about the courses offered here at SP, see pages 14–59 of Right Choice.
YOU learn better when someone shows you how and you get to try it out. You want opportunities for real-world learning. You rather spend your time on acquiring skill mastery.

At SP, we are here to equip you with the skills needed and provide you with the opportunities to solve real-world problems through our curriculum, including an extensive internship programme. Create the world you want to live in with like-minded peers by choosing SP.

You have an idea of what skills you wish to acquire and where you want to put these to use. You know the challenges/problems you wish to solve.

Joining a polytechnic will empower you to do so.

You are still exploring your interests and are excited at the world of opportunities.

You learn better when someone shares the basics with you and you get to dig deeper. You want opportunities to broaden and deepen your thinking. You rather spend your time on academic pursuit.

Joining a junior college will allow you the time to discover what you want to be or how you want to contribute to the world.

Or perhaps your immediate goal is to enter a university and you want the fastest route. ‘Chiong’ ahead with like-minded peers in a junior college.
5 THINGS YOU SHOULD KNOW ABOUT APPLYING TO SP DURING JAE

#1 WHAT IS JAE?
The Joint Admissions Exercise (JAE) is for all Singapore Cambridge GCE ‘O’ Level holders to apply for post-secondary education courses in junior colleges, polytechnics and institutes of technical education.

#2 WHO CAN APPLY?
To be eligible for admission to a polytechnic, you must meet these 2 criteria:
- Your ELR2B2 net aggregate score must not exceed 26 for all courses (ELR2B2: English Language + 2 Relevant Subjects + 2 Best Subjects)
- Meet the minimum entry requirements of the SP diploma course you are applying for (Scan QR code above to see full list of diploma courses offered by SP)

#3 WHEN IS JAE HAPPENING?
It will run for 6 calendar days in January, after the release of the GCE O-Level results. For the most updated dates, please visit https://www.moe.gov.sg/post-secondary/admissions/iae or look out for announcements by the Ministry of Education on when the GCE O-Level results will be released.

#4 WHAT DO I NEED TO DO BEFORE APPLYING FOR SP’S COURSES?
Shortlist 12 courses you want to take from SP.
Calculate your ELR2B2 scores.
Match your ELR2B2 scores to SP’s courses on page 6 of Right Choice.

#5 HOW DO I APPLY?
Apply online through MOE’s JAE Internet System (JAE-IS) using the JAE-PIN or Singpass. If you have sat for the GCE ‘O’ Level examination prior to this year, apply with your Singpass.

For more information on the application process, scan here:

HOW TO APPLY IN 3 SIMPLE STEPS

STEP 1
READY YOUR LIST OF 12 COURSE CHOICES
If you have not already done so, check that you meet the requirements for all 12 course choices in your shortlist: refer to Form A which contains your GCE ‘O’ Level examination results, aggregate scores and course codes of all the courses you can apply for in JAE. It does not mean you should rule out a course when your ELR2B2 score does not meet the previous year’s ELR2B2 aggregate score range as the previous year’s ELR2B2 aggregate score range should only be used as a guide. (Past, SP’s diploma courses are listed with a prefix ‘S’)

STEP 2
RANK YOUR CHOICES
Our advice on how you should rank your choices:

Choice order
1. List your dream courses in the top few choices, regardless of whether you meet the NET ELR2B2 aggregate score.
2. List courses you are confident of securing in the last few choices.
3. These courses should still be of interest to you.

TIP: You can and should list 12 course choices. It is good to put in some back-ups even if you are super confident that you will get into your course of choice.

STEP 3
SUBMIT YOUR COURSE CHOICES
Using your JAE-PIN or Singpass, log on to JAE Internet System (link to JAE-IS) and submit your 12 course choices.

VOILA, YOU’RE DONE. HOPE TO SEE YOU IN SP!
YOUR JPAE JOURNEY TO SP

ITE alumnus and one of SP’s top graduates in 2021, Izzat Bin Mahad, is here to answer the top three questions sent in by you!

Q: Should I go onto my Higher Nitec, apply for full-time ITE Diplomas or enter poly straight?
A: Consider entering poly if you want the fastest, most focused route to your desired diploma. If you are interested in culinary arts, resolving complex technical problems associated with motor vehicles or solving machine/equipment design & building, consider applying for ITE’s full-time diploma courses. If you are looking to deepen your current skills, you may wish to consider going onto Higher Nitec.

Q: What GPA score do I need to get in order to apply to SP?
A: For Nitec holders, you need to achieve a minimum GPA of 3.5 to apply for SP courses. The minimum GPA score required for Higher Nitec holders to enter SP is 2.0. Scan here for the full list of entry requirements under the Joint Polytechnic Admissions Exercise (JPAE) scheme.

Q: If I am a Higher Nitec holder, do I get to skip a year if I get into SP?
A: Maybe! Depending on the course you applied for, you can be considered for direct entry to the 2nd year of a related 3-year diploma course if you attain a raw GPA score of 3.5 and above. Otherwise, you may also be exempted from certain modules.

Additional advice: Take advantage of every single opportunity in ITE such as joining competitions and working on extra-credit projects so that you can add them to your portfolio. Try to make the most out of your academic journey in order to get more bang for your buck since you are already paying the school fees. If you do the bare minimum, you will get ‘bare minimum’ results. So do the best you can so that when you look back at your time in ITE, you feel like you have achieved something.

Read more about Izzat’s journey from ITE to SP on page 55 of Right Choice.
**STRAIGHT TO SP WITH PFP**

Have your heart set on joining SP? Already have a SP diploma course picked out? Want to join us after your ‘N’ level examinations? You can with PFP! Read on to find out how.

**POLYTECHNIC FOUNDATION PROGRAMME (PFP)**

PFP is a one-year programme specially designed to help you build the strong foundation you need to thrive in poly. All you have to do is to pass all the modules in the programme and you will be on your way to starting the first year of your pre-selected diploma course.

**WHY PFP AT SP?**

At SP, we are here to help you succeed because we want you to. And when you do, we won’t hesitate to celebrate you — did you know that at SP you can receive academic awards in your foundation year? Now you do. So join us already!

**AM I ELIGIBLE FOR PFP?**

You are if you obtained a raw ELMAB3 aggregate score of 12 points or better for your GCE ‘N’ Level Examinations.

ELMAB3: English + Mathematics + Best three subjects (one of which must be a relevant subject for your preferred course)

Scan to see the full entry requirements for SP’s diploma courses:

WHEN AND HOW DO I APPLY?

On the day of the release of the ‘O’ Level Examination results, secondary schools will issue an eligibility form to PFP-eligible students. The form contains a PFP PIN, which will allow students to log onto MOE’s PFP Admissions Exercise portal to apply for the PFP.

The PFP admission exercise will run for 5 calendar days in January, after the release of the GCE O-Level results. Look out for announcements by the Ministry of Education on when the GCE O-Level results will be released. For more information, visit https://www.moe.gov.sg/post-secondary/admissions/pfp

**WHAT IF I...CANNOT AFFORD MY POLY TUITION FEES?**

Not to worry, SP has a whole range of financial support schemes that can help you pay for your tuition fees and defray your expenses as a student.

All students who have been admitted into SP should apply for the Tuition Grant. Other financial schemes that you can apply for:

1. **MENDAKI TERTIARY TUITION FEE SUBSIDY:**
   Open to students who are Malay or have Malay as their first component of their double-barreled race (e.g. Malay-Indian or Malay-Chinese).

2. **MOE POST-SECONDARY EDUCATION ACCOUNT (PSEA):**
   Request to use funds in your/your siblings PSEA account to pay for your tuition fees.

3. **CPF EDUCATION LOAN SCHEME:**
   Loan from your own or your parents’ CPF savings to pay for your tuition fees.

4. **TUITION FEE LOAN:**
   A loan that can cover up to 75% of your tuition fees.

At SP, we recognise excellence. That is why we have scholarships and programmes for all types of achievements:

• **SP SCHOLARSHIP**
• **SP ENGINEERING SCHOLARSHIP**
• **SP ARTS SCHOLARSHIP**
• **SP SPORTS SCHOLARSHIP**
• **PFP STUDY AWARD**
• **SP OUTSTANDING TALENT PROGRAMME**
• **EDGE SCHOLARS PROGRAMME**

Be your best, because you can.

There are also diploma-specific scholarships you can apply for. Details can be found on the respective course pages.

**WANTED: THE NEXT BATCH OF SP SCHOLARS**

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• **SP ARTS SCHOLARSHIP**
• **SP SPORTS SCHOLARSHIP**
• **PFP STUDY AWARD**
• **SP OUTSTANDING TALENT PROGRAMME**
• **EDGE SCHOLARS PROGRAMME**

Be your best, because you can.

There are also diploma-specific scholarships you can apply for. Details can be found on the respective course pages.
At the School of Architecture & the Built Environment (ABE), you can transform spaces. You will learn to incorporate design with technology, allowing you to turn imaginative ideas into reality.

The creativity-driven and hands-on lessons in ABE allow you to build a strong foundation in transforming spaces, turning them into sustainable environments. Be it buildings, interiors, structures, landscapes, facilities or events, you are able to enhance user experience with creative solutions.

When you graduate, you will join the workforce with a deep passion to create the sustainable future you have always dreamed of.

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 inculcate a global mindset in our students.

So, are you ready to take on the challenge in transforming our living spaces into a great city to live, work and play in?

• ARCHITECTURE (S66)
• CIVIL ENGINEERING (S68)
• FACILITIES MANAGEMENT (S85)
• INTERIOR DESIGN (S89)
• INTEGRATED EVENTS & PROJECT MANAGEMENT (S50)
• LANDSCAPE ARCHITECTURE (S54)

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

Scan here to find out more about ABE!

ARCHITECTURE & THE BUILT ENVIRONMENT

The Right Choice

Are you passionate about architecture? Do you find yourself stopping to admire and wonder how skyscrapers, museums and bungalows are designed? Do you dream of impacting the way people live, breathe and interact with the spaces they fill? If you do, then unlock your talent with the Diploma in Architecture (DARCH), Singapore’s first full-fledged architecture diploma.

At DARCH, we believe that everyone can be trained in architecture. Our dedicated and experienced lecturers will equip you with essential skills and help you realise your ambition of contributing to the architectural and design industries.

The unique pedagogy will develop you holistically into an adaptable, open-minded and motivated individual as well as a team player. From laying your design foundations in the first year, to strengthening your analytical and conceptual thought processes by the third year, DARCH is a design-cum-technical programme that adopts a unique project-based learning approach, to develop you into an investigative design innovator equipped with knowledge of the latest building technologies.

Scholarships
• Singapore Polytechnic Scholarship

Further Studies

The strength of your SP DARCH diploma will get you advanced standings and module exemptions in both local and international architectural degree courses. Our graduates have confirmed their education at the National University of Singapore (NUS), the Singapore University of Technology and Design (SUTD) as well as renowned universities in Australia, United Kingdom and the United States.

Scholarships
• Singapore Polytechnic Scholarship

Entry Requirements

Range of Net 2023 JAE ELR2B2: 3 – 16
Aggregate Type: ELR2B2-D

Subject
GRADE

English Language
1 – 7

Mathematics
1 – 7

(Elementsary/Additional)

Any other subjects
1 – 6

Note: To be eligible for admission, you must also have set one of the following subjects:
• Art
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Creative 3D Animation
• Design Studies
• Design & Technology
• Electronics/Fundamentals of Electronics
• Food & Nutrition
• Higher Art
• Media Studies (Chinese)
• Media Studies (English)
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

I have always been inspired by art-related shows. As I grew up, I became more observant of the environment and structures around me, and this inspired me to join DARCH. The course has provided me with valuable knowledge and professional skills which allowed me to bloom into a mature designer.

Muhammad Shaif
DARCH Gold Medalist, Class of 2021.
Will be pursuing a Bachelor of Arts in Architecture at NUS.

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

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CIVIL ENGINEERING
DCE – S68

The Diploma in Civil Engineering (DCE) is a broad-based and versatile course covering key areas such as structures, geotechnics, transportation, water technology and project management.

Your training in civil engineering equips you with the essential technical skills to take on the transforming industry. Our graduates support civil engineers in the analysis, design, construction, upgrading and maintenance of all forms of infrastructure in the built environment for a better quality of life and sustainable economy.

COURSE HIGHLIGHTS
Conceive-Design-Implem-Operate (CDIO) framework that prepares you to be life-ready, work-ready and world-ready
• Take part in competitions, seminars, overseas community service projects and study trips
• Be equipped with technical and soft skills that are aligned with the Construction Industry Transformation Map Initiative
• 22-week Internship Programme to apply classroom learning to real projects and develop professional skills

SCHOLARSHIPS
• Sanjaji Devi Award
• SP Engineering Scholarship
• Yogarajah Scholarship and Bursary Fund

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.

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

My father inspired me to become a Civil Engineer. I knew it was the right choice for me as the modules in DCE are highly diversified and the lecturers pass on relevant and important skills. I also acquired other skills such as public speaking through presentations to big crowds. I am grateful to have met wonderful lecturers and peers at SP and will always cherish the three years we spent together.

Zhang Yun Jie
DCE Gold Medallist, Class of 2021, Will be pursuing a Bachelor of Engineering (Civil Engineering) at NUS

If your passion is in managing multi-million dollar properties and user experience, this is the course for you! Facilities Management is a rapidly growing profession encompassing multiple disciplines that integrate people, place, process and technology to ensure the efficient and effective use of facilities.

The demand for facilities management services has grown exponentially alongside the growing demand for building and infrastructure development. This course will equip students with the technical and business management skills to manage buildings and its services. With increased emphasis for cost-efficient smart buildings and space being considered a business asset to companies, this course will also train students to enhance assets, optimise space and create a healthy work environment in various types of buildings. Graduates can look forward to exciting facilities management careers with property developers and owners, service providers, government agencies and statutory boards.

Besides the diploma, you will also be awarded with three additional certificates upon graduation:
• Fire Safety Management
• ISO9001:2015 (Quality Management System)
• Supervise Construction Work for WSH

My interest in DFM is because it offered a mixture of business and facilities management related modules. I allowed me to explore a wide variety of jobs I could do in the future. It helped me to grow as an individual. These three years were the best years of my life and I am thankful to have met supportive peers and lecturers.

Phua Hui Xin
DFM Gold Medallist, Class of 2021, Currently pursuing a Bachelor of Science (Project and Facilities Management) at NUS

• BIM Specialist
• Design & Technology
• Electronics/Fundamentals of Electronics
• Mathematics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

SCHOLARSHIPS
• Technical Executive
• Site Supervisor
• Resident Technical Officer
• Marketing Sales Executive
• Green Mark Accredited Professional
• Marketing Sales Executive
• Resident Technical Officer
• Site Supervisor
• Technical Executive

FACILITIES MANAGEMENT
DFM – S95

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

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

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

*Note: To be eligible for admission, you must also have sat for one of the following subjects:
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Design Studies*
• Design & Technology
• Electronics/Fundamentals of Electronics
• Mathematics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

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

The Right Choice

ENTRY REQUIREMENTS
Range of Net 2023 JAE ELR2B2: 8 – 26
Aggregate Type: ELR2B2-C

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

One of the following 3rd relevant subjects: 1 – 6
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Design & Technology
• Electronics/Fundamentals of Electronics
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

ENTRY REQUIREMENTS
Aggregate Type: ELR2B2-C

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

One of the following 3rd relevant subjects: 1 – 6
• Art
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Design Studies*
• Design & Technology
• Electronics/Fundamentals of Electronics
• Higher Art*
• Mathematics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

*Note: To be eligible for admission, you must also have sat for one of the following subjects:
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Creative 3D Animation
• Design & Technology
• Electronics/Fundamentals of Electronics
• Food & Nutrition
• Mathematics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

CAREER OPTIONS
• Smart Building & Facility Management
• Ecosystem Executive
• Building Executive
• Contracts/Procurement Executive
• Customer Service Executive
• Fire Safety Manager
• Operations Executive
• Project Coordinator
• Property Executive
• Safety and Security Officer
• Strata Executive

The Right Choice
INTERIOR DESIGN
DID – S89

If you are passionate about the design of space, transforming the experience of everyday living and have a creative mind, you are the budding designer we want!

This course is developed to prepare students for the design industry, so that they will graduate with the relevant design knowledge and skills. Our programme trains students in technical and design competencies, focusing on physical and digital spatial experimentation, as well as curating experiences and journeys for users through space, form, materials, colour and light. You will also be trained in ways to communicate ideas visually and verbally.

Join us in our fully immersive design culture, incorporating a rigorous curriculum from exploratory projects to collaborations with industry and institutions.

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.

COURSE HIGHLIGHTS
• Students from the Diploma in Interior Design share the first year Common Foundation Programme with the Diploma in Architecture and Diploma in Landscape Architecture students
• Develop strong research grounding with an emphasis on experimentation to push the boundaries of your design ideas
• Learn to design using different design techniques and methods including a hands-on, exploratory studio approach and digital, parametric design
• 22-week Internship Programme
• Gain broad exposure to design trends by participating in overseas and local study trips and workshops
• Participate in Live Client studio programmes with real-life industry partners to see your design come to life

CAREER OPTIONS
• Design Executive (Sales)
• Exhibition Designer
• Furnishing, Fixtures & Equipment (FF&E) Designer
• Interior Designer
• Perspective Artist
• Spatial Planner
• Stage-set Designer
• Visual Merchandiser
• Walk-through Animator

ENTRY REQUIREMENTS
Range of Net 2023 JAE ELR282: 8 – 16
Aggregate Type: ELR282-D

SUBJECT GRADE
English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 7
Any two other subjects 1 – 6

Note: To be eligible for admission, you must also have sat for one of the following subjects:
• Art
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Creative 3D Animation
• Design Studies
• Design & Technology
• Electronics/Fundamentals of Electronics
• Food & Nutrition
• Higher Art
• Media Studies (Chinese)
• Media Studies (English)
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

INTEGRATED EVENTS & PROJECT MANAGEMENT
DEPM – S50

It’s never a dull day in the life of an events or project manager. The Diploma in Integrated Events & Project Management (DEPM) course trains you to be a professional in the rapidly growing Business Travel and Meetings, Incentive Travel, Conventions and Exhibitions (BTMICE) sector in Singapore.

You are given authentic experiences through opportunities to conceptualise, plan and execute live events with our various industry partners. Besides the diploma, you will also be awarded with a bizSAFE Level 2 (Risk Management) certification.

COURSE HIGHLIGHTS
Authentic learning through planning and managing:
• School events
• Industry-linked projects such as CNB Anti-Drug Campaign, SAFRA Halloween, Standard Chartered Singapore Marathon, Sport Festivals @GetActive!
• 22-week Internship Programme
• Site visits and learning journeys with industry partners

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

ENTRY REQUIREMENTS
Range of Net 2023 JAE ELR282: 5 – 17
Aggregate Type: ELR282-C

SUBJECT GRADE
English Language 1 – 7
Mathematics (Elementary/Additional) 1 – 6
One of the following 3rd relevant subjects: 1 – 6
• Art
• Biology
• Biotechnology
• Chemistry
• Computing/Computer Studies
• Design Studies*
• Design & Technology
• Electronics/Fundamentals of Electronics
• Higher Art*
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

*Note: To be eligible for admission, you must also have sat for one of the following subjects:

As a science student without an art-related background, interior design was uncharted territory. However, I overcame every obstacle with hard work and now, I have grown into a more disciplined, organised, reliable and independent person.

Clara Teo
DID Gold Medallist, Class of 2021, Currently pursuing a Bachelor of Business Administration at SMU

I have always been a shy person but DEPM changed that. Planning school events, participating in leadership camps and undertaking an internship has allowed me to gain confidence, motivation and resilience. Now, I have come to develop a passion in events production and management and I am very excited for what’s to come!

Tan Li Ying
DEPM Gold Medallist, Class of 2021, Currently pursuing a Bachelor of Communication Studies at NTU

SCHOLARSHIPS
• Singapore Polytechnic Scholarship
• Sands Hospitality Scholarship

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

SCHOLARSHIPS
• Sands Hospitality Scholarship
• Singapore Polytechnic Scholarship

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

SCHOLARSHIPS
• Sands Hospitality Scholarship
• Singapore Polytechnic Scholarship
If you are motivated to help address climate change, curious about how you can engage communities in social spaces that can influence their lifestyles and you wonder how green spaces can be carved out for people to enjoy in an urban city, choose DLA! Learn how to be a landscape designer to fulfill your aspirations.

In DLA, you will be given the opportunity to express your uniqueness as a designer and be an effective contributor to a team that transforms the built environment. This course equips you with skills that will help you in digitalisation, design and documentation.

These skill sets will help you contribute to a profession that creates spaces for people to be close to nature with sustainability in mind. Upon completion of the course, there will be a diverse range of work opportunities and further education prospects in store for you.

SCHOLARSHIPS
• Singapore Polytechnic Scholarship

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.

COURSE HIGHLIGHTS
• 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
• Design processes in landscape architecture
• Digitalisation skills for effective communications and construction
• Plant knowledge and landscape technologies to integrate greenery
• Materials technical applications for sustainable practices
• Project-based course to learn work flow in professional life
• Critiques for assessment to simulate real-world experience
• Internship with structured learning outcomes

ENTRY REQUIREMENTS
Range of Net 2023 IAE EUR2B2: 11 – 17
Aggregate Type: EUR2B2-D

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• Food & Nutrition
• Higher Art
• Media Studies (Chinese)
• Media Studies (English)
• Physics
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry)

CAREER OPTIONS
• Landscape Architecture Assistant
• Landscape Coordinator
• Landscape Designer
• Landscape Graphics Artist
• Landscape Product Specialist
• Landscape Project Manager
• Landscape Technical Officer
• Parks Officer
• Planning Executive
• Town Council Estate Officer

My three years in DLA has been an invaluable time of great exposure and experience. I discovered my love for nature and grew a passion for creating purposeful designs. The course has taught me about perseverance, positivity and diligence — values that I will carry with me for a lifetime.

Josephine Kwan DLA and Low Guan Onn Gold Medallist, Class of 2021, Currently pursuing a Bachelor of Landscape Architecture at NUS

Josephine grew up watching her grandmother care for a mini garden along the corridor of their flat. Over time, she became attracted to nature and the design of modern buildings. When she was 14, Josephine knew that a career combining her love for nature and architecture would be perfect. After hearing about SP’s Diploma in Landscape Architecture (DLA) from a friend who was in the course, Josephine was determined to enrol in DLA through the Polytechnic Foundation Programme. She did well for her GCE ‘N’ Levels, and eventually earned a spot in SP.

At SP, Josephine’s passion bloomed. During her three-month internship with international architecture firm, DP Architects, Josephine worked on several projects, ranging from building interiors to landscapes for shopping malls. For her final-year project, Josephine developed a modern vertical landscaping concept for the Marsiling-Kranji estate, which envisions communal spaces with safe distancing buffers for the residents.

Tapping on her interest in design, Josephine started an online business selling customised stickers. She used her platform to rally support and donations for organisations such as the World Wildlife Fund and the Red Cross. She also donated some of her earnings to other welfare organisations.

Josephine is currently pursuing a Bachelor of Landscape Architecture at NUS, and hopes to become a landscape architect who can contribute towards Singapore’s vision of becoming a green city.
SP School of Business (SB) diplomas are highly valued by employers and widely recognised by reputable universities and professional bodies. Choose from a selection of diploma programmes that meet your interests and aspirations. You will have opportunities to enhance your leadership skills, entrepreneurial mindset and resilience, build valuable networks and gain real life experiences with support from caring, dedicated and experienced lecturers.

At the SP School of Business, you can become a Self-Made Achiever and be ready to impact the world through business innovation!

WHY SB?
You can benefit from:
- A firm foundation in business competencies
- Immersion in the world of business
- The right attributes to succeed
- A wide selection of choice courses
- A track record and reputation built by our successful graduates

- ACCOUNTANCY (S75)
- BANKING & FINANCE (S76)
- BUSINESS ADMINISTRATION (S71)
- 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

Scan here to find out more about SB!

ACCOMPTANCY
DAC – S75

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!

With the government’s commitment to promote Singapore as a financial hub, accounting and finance professions are in high demand. Pursuing the DAC course is the first step to becoming an accounting professional or a Chartered Accountant (CA).

A VALUABLE EXPERIENCE
On your DAC journey, you will acquire key technical skills and essential soft skills such as communication, teamwork, problem-solving and lifelong learning skills. You can choose from various electives to further broaden and deepen your knowledge and skills.

We work closely with the Institute of Certified 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. You will get to embark on a 22-week internship in your third year with reputable local and overseas organisations. Our industry partners include the ‘Big Four’ international accounting firms as well as mid-tier accounting firms.

TAKE FLIGHT WITH DAC
Beyond the classrooms, you can look forward to overseas programmes, industry projects, community service projects, networking sessions and competitions. These open doors for you to build connections and develop skills for your careers in the accounting world.

While studying, you will get a head start in acquiring professional qualifications such as:
- Association of Chartered Certified Accountants (ACCA) qualifications through the ACCA Accelerated Pathway Programme (AAPP),
- Diploma in Management Accounting with the Chartered Institute of Management Accountants (CIMA),
- ICAEW Certificate in Finance, Accounting and Business (CFAB).

In preparation for the digital world, you will be equipped with relevant IT skills such as Robotic Process Automation (RPA), programming and data analytics skills. These skills will be put to good use as you tackle real-world problems at companies through the Client Project module.

BE READY FOR A FULFILLING CAREER
As a DAC graduate, you will be sought after in the fields of:
- Assurance
- Financial Accounting
- Financial Forensics
- Internal Audit
- Management Accounting
- Taxation
- Robotics Process Automation
- Data Analytics

You may be granted an exemption of up to one and a half years from a typical three-year related degree course by international universities.

You may also receive generous exemptions from professional accountancy bodies such as ACCA, CIMA and ICAEW, should you wish to further your studies with them. Alternatively, you may wish to pursue Singapore’s part-time Specialist Diploma in Professional Accounting and Technology to deepen your knowledge and prepare yourself for the digital world. You may also consider the Advanced Diploma in Accountancy offered under the SkillsFuture’s Earn and Learn Programme (ELP) in order to progress to the Singapore CA Programme, and eventually to a Chartered Accountant (Singapore) designation.

DAC’s curriculum includes modules ranging from business essentials to emerging technological skills which prepares us well for the workplace. As a result, I am very clear about my future pathway. Anyone looking to learn more than just accountancy coupled with practical experience should definitely join SP’s DAC course.

Tan Hau Tong
DAC Gold Medallist, Class of 2021,
Will be pursuing a Bachelor of Accountancy at SMU

ENTRY REQUIREMENTS
Range of Net 2023 JAE ELR2B2: 4 – 12
Aggregate Type: ELR2B2-B

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

The Right Choice
The Diploma in Banking & Finance (DBKF) course will prove to be the right choice to develop yourself into a finance professional armed with theory and skill sets that are needed to navigate the evolving world of finance.

**ENTRY REQUIREMENTS**

**Range of Net 2023 JAE ELR2B2: 3 – 11**

**Aggregate Type:** ELR2B2-B

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Any three other subjects | 1 – 6

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

**YOUR ENRICHING JOURNEY**

We bring you beyond textbooks and classrooms to broaden your learning experiences through engaging pedagogies such as act-learn-build, design thinking, guided classroom and case-based methods.

In your first year, you will build a strong foundation in business skills through running an actual business! You and your classmates will create, develop, launch, manage a real business funded by SP with profits donated to a charity chosen by students. This is done through the Business Essentials Through Action module offered to DBA students.

At the end of your first year, you can choose from a suite of interesting modules to develop skill sets in three exciting domain areas: Innovation & Entrepreneurship, Digital Marketing & Branding, and International Trade & Operations. The modules you pick will determine if you graduate as a Specialist (1 domain area), a Dualist (2 domain areas), or an All-Rounder (3 domain areas).

Unlike other courses, your modules are not fixed and predetermined in DBA. Alongside these modules, you will enhance your business fundamentals by learning and developing sought-after skills in areas such as: Technology, Financial Management, Fintech analytics and business law — You will need to apply these in special modules to simulate real-life business operations.

Your third year is when you thrive! You will work on an applied industry project with an actual company and embark on exciting internships with our industry partners.

Our industry partners such as Watsons Singapore, Goshinga, Singapore River Cruises, Shalom Movers, Keppel Logistics, Exon Asia, Bollore Logistics and many more have worked with DBA students as part of our curriculum. These client-based projects help students apply learning and skills to real-life business issues. DBA also offers students opportunities such as external competitions, networking events and work experience through hands-on consultancy projects in our Student Agency, a campus-based agency.

**MAKE YOUR FIRST COUNT WITH DBA**

Here in DBA, we plant the seeds of opportunities to truly give you the best first experiences, from setting up your first business in Year 1, to industry-related projects. We create multiple growth opportunities for you including an enriching internship placement offering practical work experience and exposure through projects and cultural exchanges. This will develop global perspectives necessary to address the challenges of our dynamic and interdependent world, allowing you to thrive in any industry.

**PREPARE FOR FULFILLING CAREERS**

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:
- Brand Management
- Business Development
- Business Process Improvement
- Client Management
- Consumer Insights
- Digital/Social Media Marketing
- Entrepreneurship/Startups
- Humanitarian Logistics
- Manage Family Business
- Marketing Communications
- Operations Management
- Procurement Management
- Service Operations
- Supply Chain Management

Many of our DBA graduates have clinched prestigious scholarships to pursue business-related degrees in local and international universities.

**EMBARK ON YOUR DBKF JOURNEY**

“Hands-on learning” is fundamental to the DBKF experience. You will have exposure to industry/data analytics projects, competitions, networking and job-shadowing in financial institutions. In your final year, you will go on a 22-week internship. Depending on your career preference, you can experience an entrepreneurial journey in finance and technology by taking up internships in financial institutions such as HSBC, OCBC, UOB, with FinTech companies — or even at our central bank, the Monetary Authority of Singapore!

You will also be able to go on learning journeys and volunteer for overseas social innovation projects that allow you to make an impact on the wider world!

**A DIVERSITY OF CAREERS**

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.

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- 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.
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, going on an experiential path to get a better understanding before making the decision. Towards the end of Year 1, DCBP students will rank their preferences among the six specialisations as shown in the illustration below:

CAREER OPTIONS
An education with SP 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 entrepreneurs!

6 Business Specialisations in Year 2
SB Common Business Programme

ENTRY REQUIREMENTS
Aggregate Type: ELR2B2-B

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- Music
- Principles of Accounts

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Range of Net 2023 JAE ELR2B2: 4 – 12
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Would you like to make a tangible impact in your company by harnessing the power of human capital? How about using your knowledge of psychology to enhance the effectiveness of individuals and organisations? You might just be the perfect fit for the Diploma in Human Resource Management with Psychology (DHRMP).

A REWARDING PATH
Our innovative and unique Human Resource Learning Studio provides a conducive environment to acquire HR-related skills in communication, presentation, interviewing, counselling and negotiation. This highly engaging course offers hands-on training, school-wide leadership programmes and overseas immersions culminating in a final year client-based project. It’s no wonder our students consistently win top awards in national HR competitions.

A NEW BEGINNING
In addition to acquiring key HR competencies in areas such as talent attraction, talent development and talent management, you will also gain business-centric skills in analytics, technology, problem-solving and design thinking throughout the programme.

You will gain corporate experience through the 22-week internship with industry partners and participate in HR events such as the HR Tech Festival Asia and HR Symposium.

Prestigious DHRMP scholarships from leading organisations are also offered to students with academic excellence, CCA achievements and exemplary conduct.

The warm and friendly HR lecturers took time to understand the learning needs of every student and gave us many opportunities to learn at HR-related events and inter-disciplinary collaboration projects. I am who I am today because of the DHRMP course.

Shaw Yip
Ex-DCBP student

An education with SP School of Business can continue to pursue your respective specialisations. Depending on your specialisation, you might just be the perfect fit and possible career path.

Shaw Yip
Ex-DCBP student

The Right Choice

Cheerzie Zaidi
DHRMP and Chua Chor Teck Gold Medallist
Class of 2021,
Currently pursuing a Bachelor of Business Management Degree at SMU

The Right Choice
At the School of Chemical & Life Sciences (CLS), you can unlock the mysteries of science and create wonders to better life. Our robust curriculum, coupled with strong links to industries, gives you an edge in your future workplace. You acquire lifelong skills that empower you to take on and excel in various fields, like applied chemistry, energy and chemicals, food and nutrition, healthcare, medical technology, as well as cosmetics and perfumery!

When you graduate, you can contribute to discoveries that enhance the quality of life.

Discover the mysterious and captivating properties of chemicals, drugs and materials by going on an exciting applications-based journey with us. The Diploma in Applied Chemistry (DAPC) is the first diploma in Singapore to focus on building a strong foundation in chemistry which provides you the versatility to work in various chemistry-related sectors.

The DAPC course provides a nurturing environment for you to conduct research such as synthesizing and testing new chemicals, drugs and materials. By the end of the course, you will be able to solve problems independently and experience what it is like to work at the frontiers of investigative chemistry.

Through our specially developed progressive learning strategy, you will be imparted with knowledge acquisition skills on fundamental chemistry principles during your first year. In the second year, you will be equipped with the skills to perform chemical investigations and interpretation of results using real-life situations. During your third year, you will be able to develop and optimise new products or methods to improve lives, hence igniting your creativity.

Upon graduation, you will be ready to contribute to the chemical, pharmaceutical and materials-related industries or further your studies in tertiary institutions.

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!

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**COURSE HIGHLIGHTS**

- First diploma in Singapore on Applied Chemistry
- Course has three specialisations: Pharmaceutical Science, Industrial Chemistry, or Materials Science
- Specialisation allocation of students is based on their 1st semester CGPA, specialisation choices and vacancies.
- Course is recognised by the UK Royal Society of Chemistry (RSC) and the UK Institute of Materials, Minerals and Mining (IOM3)
- Work with state-of-the-art equipment in well-designed laboratory suites: Analytical & Forensic Chemistry, Pharmaceutical Chemistry and Materials Science
- Internship opportunities at relevant industries as well as research experience at local or international institutions

**CAREER OPTIONS**

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

**SCHOLARSHIPS**

- A*STAR Science Award
- Mitsui Chemicals Process Technology Study Award
- MOH Holdings Scholarships
- Singapore Polytechnic Scholarships
- University Polytechnic Scholarships

**FURTHER STUDIES**

Many of our graduates gain entry into degree programmes at local or overseas universities. Related degree programmes include Chemistry, Pharmaceutical Science, Materials Science and Engineering.
**BIOMEDICAL SCIENCE**

**DBS – S98**

The Diploma in Biomedical Science is recognised by the American Society for Clinical Pathology (ASCP), USA.

**COURSE HIGHLIGHTS**
- Internship at top-notch laboratories including A*STAR institutes and top-ranked overseas universities
- Training partnership with the National Heart Centre Singapore for Cardiac Technology: specialisation provides an authentic learning experience
- Head start to a career in an MNC, internship at multinational biopharmaceutical companies
- Opportunity to expand interests through elective modules in Forensic Biology, Cryogenetics or Introductory Pharmacology

**SCHOLARSHIPS**
- A*STAR Science Award
- MOH Holdings Scholarships
- Singapore Polytechnic Scholarships

**ENTRY REQUIREMENTS**

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- Biology
- Biotechnology
- Chemistry
- Food & Nutrition
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

**FURTHER STUDIES**
A high percentage of our graduates are offered admission to local universities. You have the flexibility to pursue Biomedical Sciences-related programmes or other disciplines such as Medicine, Dentistry and Pharmacy. You may also be granted direct entry into the second or third year of degree programmes in international universities.

**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 live by the quote “To put patients at the heart of all we do.”

The DBS course has taught me meaningful science that transcends beyond saving lives — it touches lives as well. I will always be thankful to my SP lecturers and supervisors during my time in the National Heart Centre Singapore who have instilled in me a love for science and healthcare, and encouraged me to be the best version of myself!**

Marcia Zhang
DBS Gold Medallist, Class of 2021,
Currently pursuing a Bachelor of Science (Life Sciences) at NUS

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**CHEMICAL ENGINEERING**

**DCHE – S70**

**COURSE HIGHLIGHTS**
- First diploma programme in Singapore to be fully-accredited by the Institution of Chemical Engineers, IChemE, United Kingdom. The full IChemE accreditation signifies worldwide recognition by universities and industries of the rigour and quality of our programme
- Triple-winner of IChemE’s Excellence in Education and Training award, which signifies the outstanding quality of our programme
- First chemical engineering diploma course in the world to adopt the Conceive-Design-Implement-Operate (CDIO) education framework which is in collaboration with top universities such as Massachusetts Institute of Technology, United States and Tsinghua University, China
- Internship at local and overseas chemical processing companies and institutions

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- Engineering, Procurement and Construction (EPC) Engineer
- Health, Safety Environmental (HSE) Officer
- Laboratory Technologist
- Logistics and Supply Chain Specialist
- Maintenance Specialist/Technician
- Process Engineer/Technician/Technologist
- Production Technician
- Project Management Engineer
- Quality Assurance/Control Engineer
- Sales and Marketing Engineer

**The three years in SP Chemical Engineering have nurtured me to be a more confident individual. The rigorous yet interesting curriculum taught me to persevere while the numerous group projects allowed me to improve my teamwork and collaboration skills. I am grateful for the guidance the lecturers have given me and thankful to have met various people during the course of study.**

Huang Zhenqi
DCHE Gold Medallist, Class of 2021,
Currently pursuing a Bachelor of Computing in Computer Science at NUS

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**Biomedical Science is all about the science that ‘saves lives’ — from the research activities for knowledge and application in the life sciences and biopharmaceutical industries, to medical testing for diagnosis, management and prevention of diseases.**

Our students can choose from three exciting specialisations:

- **Medical Technology**
  Medical testing for diagnosis and management of human diseases
- **Cardiac Technology**
  Cardiac functions testing for diagnosis and intervention of heart-related diseases
- **Biotechnology**
  Focuses on life sciences that exploit biological processes of living organisms to improve the quality of human life

The Diploma in Biomedical Science is recognised by the American Society for Clinical Pathology (ASCP), USA.

**COURSE HIGHLIGHTS**
- Internship at top-notch laboratories including A*STAR institutes and top-ranked overseas universities
- Training partnership with the National Heart Centre Singapore for Cardiac Technology, specialisation provides an authentic learning experience
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Join us if you aspire to be like the above prominent chemical engineers who make real, significant impact in improving our world for a better tomorrow!

**SCHOLARSHIPS**
- A*STAR Science Award
- Mitsui Chemicals Process Technology Study Award
- Singapore Polytechnic Scholarships

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Huang Zhenqi
DCHE Gold Medallist, Class of 2021,
Currently pursuing a Bachelor of Computing in Computer Science at NUS
Are you passionate about science but need more exposure and hands-on experience to decide which scientific discipline to specialise in? The Common Science Programme (DCSP) is the right place for you!

The DCSP provides a specially crafted curriculum with curated tutor modules and Diploma Exposure Programme, to provide you with insights on the different scientific disciplines before you make an informed choice to pursue your diploma at the end of year 1.

COURSE HIGHLIGHTS
DCSP students go through a common Year 1 curriculum as students from the diploma in Applied Chemistry, Biomedical Science, Food Science & Technology and Parfumery & Cosmetic Science.

Towards the end of their first year, DCSP students will be invited to rank their 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 Parfumery & Cosmetic Science (S38)

*Please note that the Diploma in Optometry and Diploma in Chemical Engineering under the School of Chemical & Life Sciences are not part of SP’s Common Science Programme due to curricula differences. DCSP students will then undergo a seamless transition into the year two curriculum with their fellow peers whom had enrolled directly into the respective diploma courses from year one.

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.

ENTRY REQUIREMENTS
Range of Net 2023 JAE ELR2B2: 3 – 10
Aggregate Type: ELR2B2-C

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Want to uncover the mysteries behind the food we eat or excite the taste buds of consumers? Come join the Diploma in Food Science & Technology (DFST) at SP.

You will discover the world of food — from raw ingredients, processes, packaging to finished consumer products. Our carefully designed curriculum has a strong emphasis on design thinking and industry-linked projects.

In year 2, students can opt into an Industry Now Curriculum (INC) where they will acquire skills and knowledge through exciting industry projects under the supervision of Food Scientists at Food Innovation Resource Centre (FIRC).

Upon graduation, you will be equipped with relevant knowledge and skills to join the ranks of food technologists to innovate and produce foods that are safer, healthier and tastier!

COURSE HIGHLIGHTS
• Well-equipped facilities such as the Food Creation Lab, Dough and Roll Studio, Food Analysis Lab, Food Processing & Packaging Lab and Biotransformation Lab
• Collaborate with Food Innovation Resource Centre (FIRC) to offer a work-based learning programme — Industry New Curriculum (INC)
• This course is certified by the International Union of Food Science & Technology (IUFoST) for having met international standards and guidelines
• Opportunities to acquire local/global perspective on research, product development and food operations through internships and learning journeys
• Successful commercialisation of food products such as the XO Kaya and Lemon & Kalamansi drink through industry-linked Final Year Projects

SCHOLARSHIPS
• ASTAR Science Award
• BASF Scholarship
• MOH Holdings Scholarships
• SFMA — Pei Cheng Chuan Scholarship
• SIFST Best Student Award cum Rintoul Memorial Scholarship
• Singapore Polytechnic Scholarships
• Tai Hua Scholarship

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 Biomolecular 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 SIT
• Bachelor of Science (Food Technology Major), University of Queensland

CAREER OPTIONS
• Assistant Food Technologist/ Food Technologist
• Food Audit Officer
• Food Hygiene Officer
• Food Safety Officer
• Laboratory Technologist
• Market Development Executive
• Packaging Technologist
• Quality Assurance/ Quality Control Executive
• Research & Development Technologist
• Sales & Marketing Executive

Throughout my three fruitful years in SP, I was enlightened that there are so much more to food science and technology than the name suggests. In fact, there are different disciplines and facets to food science which I grow to enjoy learning with the guidance of my supportive lecturers. Being able to apply what I was taught in school in an industrial setting during my 22-week internship had allowed me to further develop myself as an individual and fuelled my interest in pursuing food science in a professional capacity.

Nurul Ain Natasha Binte Azizul
DFST Gold Medallist, Class of 2021, Currently pursuing a Bachelor of Science in Food Science & Technology at NUS
Take a moment to consider the importance of eyesight and the impact it has; once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as vision.

Due to the high prevalence of myopia in children and a rapidly aging population, quality optometrists are highly sought after to provide quality eye care to the community. Our three-year Diploma in Optometry (DOPT) course aims to produce professionally competent optometrists.

The scope of Optometry includes managing refractive errors (such as myopia and presbyopia) through spectacle and contact lens correction, and detecting common eye diseases (such as cataract, diabetic retinopathy and glaucoma).

Upon graduation, you would be able to register as a provisional optometrist with the Optometrists and Opticians Board. Upon graduation, you would be able to register as a provisional optometrist with the Optometrists and Opticians Board.

SCHOLARSHIPS
• MOH Holdings Scholarships
• Singapore Polytechnic Scholarships

COURSE HIGHLIGHTS
• First tertiary institution in Singapore to offer this course since 1994
• Our students start working with patients in the first year and continue with greater responsibilities in subsequent years
• Excellent clinical and laboratory facilities and SP Optometry Centre provides you with hands-on experience using state-of-the-art precision instruments and equipment
• Regular clinical attachments at hospitals, optometric practices, contact lens orophthalmic lens companies to widen your scope and experience in optometry
• 17-week-long internship in the final semester as a key component
• Opportunities for overseas exposure via community service projects or attachments to optometry schools and research institutions abroad

FURTHER STUDIES
You can apply for related degree programme at international universities such as the Bachelor of Science 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 in the areas of biological sciences and allied health services at local universities.

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

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We invite you to begin your journey with the Diploma in Perfumery & Cosmetic Science (DPCS) at SP. It is the only local diploma programme that provides training in chemistry with applications in perfumery and cosmetic science. You will have an integrated learning experience where you will build a strong chemistry foundation and apply your knowledge in specific applications using your senses.

With this unique training in SP, your skills will be highly sought after not just locally but internationally in the lucrative and recession resistant fragrance and cosmetic industries.

SCHOLARSHIPS
• A*STAR Science Award
• Singapore Polytechnic Scholarships
• Society of Cosmetic Scientists (Singapore) Merit Award

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.

COURSE HIGHLIGHTS
• Get trained in our state-of-the-art Consumer Chemicals Technology Centre (CCTC) and Perfumery & Cosmetic Science Centre (PCCS)
• Collaborate with industry partners for real and exciting experiences in making perfumes and cosmetic products, producing fragrance raw materials through organic synthesis and extraction of essential oils
• Internship with perfumers, chemists, product formulators in specialty chemical companies, flavour and fragrance houses or fast-moving consumer goods companies
• Course is recognised by the UK Royal Society of Chemistry (RSC)

CAREER OPTIONS
• Chemist
• Formulator
• Fragrance Evaluator
• Procurement Executive
• Product Application Chemist
• Product Development Specialist
• Quality Assurance/Quality Control Laboratory Analyst
• Regulatory and Product Safety Personnel
• Sales/Business/Marketing Executive
• Trainer/Assistant Perfumer

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Entry requirements to the DPCS are as follows:

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The DPCS curriculum has equipped me with a strong scientific foundation alongside sharpened creativity and problem-solving skills to work in the personal care industry. Chua Xin Juan

DPCS Gold Medallist,
Class of 2021,
Currently pursuing a Bachelor of Science in Chemistry and Biological Chemistry at NTU

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You dream of harnessing technology to make a difference in people’s lives. You want to build software applications like Instagram and Carousell to connect communities. You want to create revolutionary AI applications with voice and image recognition features to improve lives. You want to be a cyber defender. You want to work on real-life industry projects.

If these are your dreams, the School of Computing (SoC) can help turn your dreams into reality through the following IT diploma programmes:

- APPLIED AI & ANALYTICS (S30)
- COMMON ICT PROGRAMME (S32)
- CYBERSECURITY & DIGITAL FORENSICS (S54)
- INFORMATION TECHNOLOGY (S69) with Specialist Elective tracks:
  - Immersive Simulation Technology
  - Software Development
  - User Experience (UX) Design

#1: Experiential Learning Spaces

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

- Immersive Lab
  A design studio specialising in advance software capabilities to simulate immersions into the virtual and augmented worlds. Students develop immersive VR applications to tackle industry requirements and problems.

- Project INC
  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.

- Cyber Wargame Centre
  Students get to hone their cyber defence skills through scenario-based simulated cyber attacks.

- AI and Analytics Colab
  Equipped with a High-Performance Computing server, students can experiment with deep learning applications to distil hidden insights in big data.

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

To equip students with the dexterity to go deep in their specialisations such as Software Development, UI/UX, Immersive Simulation, AI and Analytics, and Cyber Security.

#3: Innovative pedagogy to groom industry-ready, confident IT professionals

We provide an alternative learning pathway — known as the INDUSTRY NOW CURRICULUM (code-named Project INC) from Year 2 onwards for our Diploma in Information Technology students.

In lieu of attending module classes, students take on IT job roles, such as software developers, at the software student agency Project INC. They will work on curated industry projects to 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.

In Year 3, students have the opportunity to take on leadership roles at Project 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.

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
**APPLIED AI & ANALYTICS**

**DAAA – S30**

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 makes it possible for devices and programmes to respond to us in a human-like manner.

This is changing how we live, work and communicate. Soon, it will become an integral part of our daily lives. The question is, are you interested to develop the next AI that benefits our world?

If your answer is yes, we’ve designed the Diploma in Applied AI & Analytics just for you!

**COURSE HIGHLIGHTS**
- We know you want to…
- BE PART OF THE REVOLUTION:
  - AI & data analytics are the key underpinning technologies for transforming every industry, including manufacturing, healthcare and more!
- EMPOWER YOUR FUTURE:
  - Gain a competitive edge pursuing your passion as a data analyst, data engineer or data scientist.
  - Never be bored:
  - Gain a competitive edge pursuing your passion as a data analyst, data engineer or data scientist.
- NEVER BE BORED:
  - Take on new challenges and projects that are closely related to solving real-world problems.
- ACQUIRE PROFESSIONAL CERTIFICATIONS:
  - You can take up professional certificates at NUS, NTU, SIT, SUSS, SUTD and SMU.

**ENTRY REQUIREMENTS**

**Range of Net 2023 JAE ELR2B2: 4 – 10**

**Aggregate Type:** ELR2B2-C

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Note: To be eligible for admission, you must also have sat for one of the following subjects:
- Additional Combined Science
- Additional Science
- Biology
- Biotechnology
- Chemistry
- Combined Science
- Computing / Computer Studies
- Creative 3D Animation
- Design & Technology
- Electronics / Fundamentals of Electronics
- Engineering Science
- Food & Nutrition
- General Science
- Human & Social Biology
- Integrated Science
- Physical Science
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry, Biology)

**FURTHER STUDIES**

Quench your thirst for knowledge at local or international universities! If you are undecided about which IT course to take? The Common Infocomm Technology Programme (DCITP) is designed to help you make an informed choice.

**COURSE HIGHLIGHTS**

- Fundamental IT modules to give you an insight into what interests you
- Common foundational modules and comprehensive exposure to various areas of IT through education and career guidance activities
- A curriculum which includes IT career guidance to prepare graduates for upcoming trends in the IT sectors
- The common first semester will lay the foundation for programming and computing for the Diploma in Applied AI & Analytics (DAAA) and Diploma in Cybersecurity & Digital Forensics (DCDF) and the Diploma in Information Technology (DIT) courses

**ENTRY REQUIREMENTS**

**Range of Net 2023 JAE ELR2B2: 3 – 14**

**Aggregate Type:** ELR2B2-C

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- Physical Science
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry, Biology)

**FURTHER STUDIES**

You can pursue an IT degree programme at a local or international university.

**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 domain areas such as web technology, infocomm security, financial institution and public and private organisations that require AI technology.
- Application Developer
- Associate AI DevOps Engineer
- Business Intelligence Specialist
- Data Analyst
- Data Scientist
- Data Engineer

**COMMON ICT PROGRAMME**

**DCITP – S32**

The DCITP allowed me to explore the diverse fields of cyber security and data science. This allowed me to make a more informed decision on which full-time course to pick.

Lim Chuan Hao
DCITP student
Class of 2019
Anonymous hackers are attempting to gain access to classified information on a computer system and you need to stop them from carrying out this malicious attack. At the Cyber Wargame Centre, we create realistic scenarios to prepare you for REAL cyber threats!

Technology is ever present in our everyday activities, so the need to guard against cyber threats is more critical than ever before!

**COURSE HIGHLIGHTS**

**SIMULATED-PRACTICE LEARNING ENVIRONMENT**

The Cyber Wargame Centre provides you with real-time practice and a learning environment through Cyber Wargame exercises — you can launch cyberattacks, build cyber defences and delve into the world of forensics investigation.

**COMPREHENSIVE CURRICULUM**

To prepare you for both further studies and working life, the DCDF curriculum covers the important areas of security technology, security management, information technology, law and teamwork and communications.

**PROFESSIONAL CERTIFICATION**

Gain industry recognition through certifications such as EC-Council Certified Ethical Hacker, Certified Hacking Forensic Investigator, ThinkSECURE Organisational Systems Security Analyst and the Organisational Systems Wireless Auditor.

**SCHOLARSHIPS**

- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
- DSO National Laboratories (DSO) Diploma Scholarship
- Singapore Digital (SG:D) Scholarship (Polytechnic)
- Singtel Cyber Cadet Scholarship

What began as “something cool” to study after secondary school turned into a career with high potential. I learnt from exceptional lecturers who engaged us in hands-on learning to help me better understand the many facets of information security. Through opportunities such as internships, certifications and competitions, I also gained valuable insights into the cyber security industry. It is an industry that is constantly evolving and I am glad that SP has prepared me well for it.

Teo Chuan Kai
Recipient of the Public Service Commission Scholarship, Class of 2019

**ENTRY REQUIREMENTS**

Range of Net 2023 JAE ELR2B2: 5 – 12
Aggregate Type: ELR2B2-C

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- Engineering Science
- Food & Nutrition
- General Science
- Human & Social Biology
- Integrated Science
- Physical Science
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)
- Science (Physics, Chemistry, Biology)

**FURTHER STUDIES**

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

**INDUSTRY NOW CURRICULUM (INC)**

Industry Project Learning Approach — Project INC pathway

If you thrive on learning-by-doing, you can opt for this alternative learning pathway in your second and third year of study. In lieu of attending traditional module classes, you get to work as software developers at an industry-facing student agency known as Project INC, on real client industry projects to gain credits.

**ENRTRY REQUIREMENTS**

Range of Net 2023 JAE ELR2B2: 4 – 15
Aggregate Type: ELR2B2-C

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**CAREER OPTIONS**

- Associate Security Analyst
- Cyber Risk Analyst
- Forensic Investigator
- Incident Investigator
- IT Auditor
- Security Engineer
- Security Operations Analyst
- Software Engineer
- Systems Support Engineer
- Vulnerability Assessment and Penetration Testing Analyst

**INDUSTRY CERTIFIED CURRICULUM (ICC)**

To help you develop your knowledge in areas of your passion, we will help you gain certifications that are aligned to the industry. Throughout your first and second year of study, we will identify certifications available upon completion of a module. These recognised certifications will allow you to get better career opportunities.

**FLEXIBLE COURSE OF STUDY**

Choose any one of the three most in-demand areas of IT to focus on:

- Software Development Specialist
- Immersive Simulation Specialist
- User Experience (UX) Design

**AWESOME OPPORTUNITIES**

We open doors for you to work with leading industry companies such as Microsoft, Accenture, Gov Tech, CrimsonLogic, KPMG, Singtel, FWD Insurance, DBS, UOB, Associates Consulting and Ubisoft Singapore through internship opportunities and project collaborations.

**GET A HEAD START FOR LOCAL UNIVERSITIES**

You can pursue an IT-related degree in both local and overseas universities with advanced standing.

**IMMERSIVE EXPERIENCE**

**TECHNOLOGY CENTRE (ICT)**

Students immerse themselves in real-world learning by doing real customer projects with our industry partners in the focal areas of Solution Development and Immersive Media.

**SCHOLARSHIPS**

- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Defence Science and Technology Agency (DSTA) Polytechnic Scholarship
- DSO National Laboratories (DSO) Diploma Scholarship
- Singapore Digital (SG:D) Scholarship (Polytechnic)
- Singapore Polytechnic Scholarship

**FURTHER STUDIES**

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

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Students immerse themselves in real-world learning by doing real customer projects with our industry partners in the focal areas of Solution Development and Immersive Media.
MEDIA, ARTS & DESIGN SCHOOL

Media has the power to influence people’s perceptions and ideas. The Arts ignite our senses and expand our minds. Design can change the way we shape, perceive, understand, enrich and experience life.

Great specialisations and so much more: You can take your passion for Media, The Arts or Design to the next level. We help you develop your skills in your chosen area (we call these areas specialisations) but we also allow you to work across specialisations, to develop skills in related and complementary areas.

Do you want to make a difference in the media, arts and design fields? Are you curious, brave, tenacious 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.

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

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!
SPECIALISATIONS

Animation & Games (AG)
That game that you couldn’t stop playing? The one that transported you to another world altogether. You could make 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)
What attracts you to a certain product? Does design matter? We often don’t think of design when selecting products, but subconsciously, how something feels, or how well it fits in your hand makes all the difference.

Design is a tool that can solve problems, improve people’s lives, and transform experiences. You could help others by using design in practical ways. It is not just about pretty things. Instead design is about creating products and services that are practical and functional.

Sound & Music (SM)
Music and sound fills every part of our lives. Music is more than just entertainment, it is a form of expression, affects emotions and even our intellectual state. Music is a media for communication at a very primal level. Music is the primary specialisation 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 and Content Creation (SCC)
Are you captivated by a good story? It could be a great book, an action-packed movie, a tear-jerking soap opera or an insightful analysis of a new policy in the news. Stories are an integral part of communication, from journalism and documentaries, to drama and comedy.

It takes skill and creativity to produce content that educates, entertains, informs and inspires. Do you have what it takes? Are you passionate about telling stories with a purpose? You will learn how to develop a story idea into a great concept, write a script and then film and edit it.

Visual Communication & Motion Design (VCMD)
Have you been attracted by moving images on a digital billboard? Do action scenes in movies make you gasp? It is almost impossible to hold attention these days without arresting visuals and designs. Are you interested in crafting visual and multi-media experiences that grab audiences and touch hearts?

In today’s digital culture, visuals and design are important in business and for entertainment. Being able to present ideas and stories in visually appealing ways is essential. As we spend more time looking at screens, the visual has become ever more important, moving beyond static images on pages to conquer space, motion and interaction.

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.
This course provides a solid foundation in Mechanical Engineering for subsequent specialisation in aircraft-related modules. Our premier status in education has been forged through sturdy bonds with prestigious aerospace organisations. These include, but are not limited to, Singapore Technologies Engineering Aerospace, the Republic of Singapore Air Force, Singapore Airlines Engineering Company, Pratt & Whitney and Bombardier Aerospace Services Singapore. You will get to learn in a 4,600 square metre state-of-the-art training facility: The Aerohub, that simulates your future working environment. Training facilities include four aircraft and two full-motion simulators, one of which was developed and built-in house.

Teaching and learning is based on the proven C300 (Contextual-Design-Implement-Operate) framework and Design Thinking methodology. As an official training partner for ST Engineering Aerospace under CAAS Approved Maintenance Training Organisation (SAR-147), this course will prepare you well for a career as a Licensed Aircraft Maintenance Engineer upon graduation.

An opportunity to pursue a Private Pilot License (PPL) at the Singapore Youth Flying Club (SYFC)

Accreditation by the Skills Framework for the air, transport and aerospace sector

Electives in the following areas, mapped to Aerospace Engineering and Air Transport Skills framework:
- Aerospace design and manufacturing
- Advanced aircraft maintenance practices and aerospace composite repair
- Fleet technical management
- Aviation management

An exciting two-week overseas exchange programme (Learning Express) where you will use your skills and knowledge to improve lives in the real world.

Opportunities to take part in local and overseas competitions such as the Singapore Amazing Flying Machine Competition (SAPMC) and World Skills Competition (WSC)

For those who aspire to be an aircraft pilot or a CAAS-certified drone pilot, there are opportunities to take electives or extra courses to pursue your passion.

CAREER OPTIONS
- Aeronautical Engineering Technologist
- Assistant Aeronautical Design and System Engineer
- Assistant Aerospace Sales & 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

Want to play a role in society that has never been more important than it is today?

At SP Engineering, you will get the chance to translate your ideas into creative solutions to help improve lives. Shape the world we live in by developing cutting-edge healthcare equipment and harnessing the power of complex aeronautical technology.

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

This course is the first to launch the Diploma in Aeronautical Engineering (DARE) course in Singapore in 2002. Since then, the DARE course has become one of the most sought-after Engineering diplomas in Singapore.

COURSE HIGHLIGHTS
This course offers:
- State-of-the-art aircraft training facility: The Aerohub, equipped with four aircraft (Hawker 850, King Air B 100, A45G Super Skyhawk and Bell UH-1H Helicopter) and full motion flight simulators to provide authentic aircraft training experience.
- A curriculum that is aligned with the Singapore Airworthiness Requirements Part 610 (SAR 610) and the Civil Aviation Authority of Singapore (CAAS) accreditation for professional aircraft maintenance training.

One of the following subjects must be taken:
- Science (Physics, Chemistry)
- Science (Physics, Biology)
- Science (Chemistry, Biology)
- Science (Physics, Technology)
- Science (Physics, Chemistry)

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

SP's DARE course equipped me with the fundamentals required, allowing me to take on further in-depth studies for this discipline. I was also able to enrol into a discipline such as Mechanical Engineering with the knowledge I acquired from the course. In addition, I was grateful for the mentor-ship I received from my experienced lecturers and the hands-on learning experience in DARE.

Yoon Zhi Kai Tristan
DARE Gold Medallist
Lee Kuan Yew Award recipient, Singapore Sustainability Scholarship Recipient, Class of 2021

DARE ELECTIVE TRACKS
Furthering Aero Design and Manufacturing
Broadening Aviation Management
Deepening Aircraft Maintenance and Composite Repair

ENTRY REQUIREMENTS
Range of Net 2023 IAE ELR2B2: 4 – 16
Aggregate Type: ELR2B2-C

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One of the following 3rd relevant subjects:
- Biology
- Biotechnology
- Chemistry
- Computing/Computer Studies
- Design & Technology
- Electronics/Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)
AEROSPACE ELECTRONICS
DASE – S90

Are you excited by the prospect of More Electric Aircraft (MEA) and emerging technologies in Information & Communications Technology (ICT) powering the future of the aerospace industry? If so, then the Diploma in Aerospace Electronics (DASE), the most established aerospace diploma in Singapore, is the right choice for you!

This course equips you with the knowledge and skills in Aerospace Engineering (Avionics) and Information & Communications Technology (ICT) Emerging Technologies which prepares you well to work in the aerospace industry as well as to further your studies in universities.

It also provides you an opportunity to join the SP-NUS Collaboration or SP-SUTD Pathway Programme which shortens your time from diploma to degree to work.

For those who aspire to be an aircraft pilot/CAAS certified unmanned aircraft pilot or would like to explore a career in Aviation Management, this course offers you various electives to pursue your passion.

CAREER OPTIONS

Some possible careers include:
- Air Force Engineer (Maintenance)
- Assistant Electrical Engineer
- Assistant Electronics Engineer
- Assistant Engineering Service Engineer
- Assistant Aerospace Sales & Marketing Engineer
- Assistant Technical Service Engineer
- Flight Operations Officer
- Licensed Aircraft Maintenance Engineer

A course focused on avionics, through a strong foundation in electronics and electrical engineering, will help you to emerge as a leader in the aerospace field. You will be exposed to state-of-the-art equipment in the field of aerospace electronics, including an opportunity for a short-term internship at one of the leading aerospace companies.

The DASE course is a five-year programme consisting of three years of academic study and two years of internship. The academic study is divided into two main parts: Year 1 and Year 2.

Year 1:
- Electives: 3 Electives + 22-week Internship
- Electives: 5 Electives + Semester-Long Internship

Year 2:
- Electives: 5 Electives + 12-week Internship
- Electives: 3 Electives + 12-week Internship

The internship provides you with hands-on experience in the aerospace industry, allowing you to apply your knowledge and skills in real-world situations.

The Common Engineering Programme is perfect for you if you are passionate about engineering but have yet to decide on the discipline to specialise in. After the first semester, you can choose to pursue one of the seven established engineering disciplines offered by the School of MAE and School of EEE:

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

The well-rounded and hands-on curriculum of SP’s Diploma in Aerospace Electronics, combined with state-of-the-art facilities, has provided me with a solid foundation in electrical and electronic engineering. I am confident that I can apply my skills and knowledge to come up with innovative solutions that will make the world a better place for mankind.

I had the chance to try electrical and mechanical engineering modules under the DCEP that helped me decide the field of engineering to specialise in for my diploma.

Ryan Ong
DASE Gold Medallist
Lee Kuan Yew Award recipient
Public Service Commission (PSC) Overseas Scholarship (Engineering) Class of 2021

The Right Choice

The Right Choice
Computer Engineering is a discipline that combines the hardware and software aspects of computer science. Computers are at the heart of many modern, high-tech systems or activities — “Smart City”, driverless cars, scientific research, artificial intelligence, space exploration or weapon systems. Devices and systems are becoming “smarter” because of computers.

The Diploma in Computer Engineering (DCPE) course aims to equip you with a solid foundation in computer networking, hardware and software engineering. You will be trained in Electronic Engineering, Software Programming, Computer Hardware-Software Integration, Cloud Computing, Artificial Intelligence, Cyber Security and Mathematics. With skills in these areas, you will be empowered to meet the challenge of the digital world, allowing you to develop secured smart solutions, intelligent devices and innovative info-communication services.

**COURSE HIGHLIGHTS**

- A wide variety of specialisation options in Computer Applications, Cyber Security, Smart City Technologies and Cloud Systems
- Alignment with industrial certifications such as CCNA, Cisco certified CyberOps Associate, CompTIA Security+, AWS certified Cloud Practitioner, AWS certified Solutions Architect Associate, and Huawei HCNA/HCIP to enhance your career prospects
- Scholarships and Awards from CSIT, Singtel, AT&T, DEE&King, and Singapore Polytechnic
- An opportunity of 12-month internship opportunities including highly competitive opportunities to include highly sought-after skills in computing, such as IMABC: IoT, Machine Learning, AI, Blockchain and Cloud Computing. Aimed at these fundamental knowledge, I was able to perform at my engineering internships at Grab and the Center for Strategic Infocomm Technology. With my training, I have a great faith that my DCPE cohort will do great things for our nation and beyond.
- 22-week internship opportunities
- An edge in learning 5G wireless technology, the first-of-its-kind 5G Garage, set up in collaboration with Singtel and Ericsson
- An option to join the SP-NUS Collaboration or SP-SUTD Pathway Programme to get a head start in university life
- An option to minor in Computer Technology or Artificial Intelligence
- Internet of Things
- An augmented learning environment in rail engineering with our latest integrated Rail System Simulator, a first among the polytechnics
- An edge in learning 5G wireless technology, in the first-of-its-kind 5G Garage, set up in collaboration with Singtel and Ericsson
- A 25-week internship opportunities at reputable companies such as SP Group, GMAT, AT& T, PSA, Siemens, ST Electronics and CleanTech Solar
- An opportunity to join the premier Engineering Academy programme to take part in local and overseas competitions
- Recognition by the Energy Market Authority (EMA) of Singapore for the application of an Electrical Technician Licence if you specialise in Power Engineering
- Prestigious scholarships including the Energy Industry Scholarship, SGRAl Scholarship and Singapore-Industry Scholarship

With the advent of smart cities across the globe, Singapore’s DCPE course has rapidly evolved its content and extra-curricular opportunities to include highly sought-after skills in computing, such as IMABC: IoT, Machine Learning, AI, Blockchain and Cloud Computing. Aimed at these fundamental knowledge, I was able to perform at my engineering internships at Grab and the Center for Strategic Infocomm Technology. With my training, I have a great faith that my DCPE cohort will do great things for our nation and beyond.

**ENTRY REQUIREMENTS**

**Range of Net 2023 JAE ELR2B2: 3 – 12**

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**CAREER OPTIONS**

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

**FURTHER STUDIES**

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

Appslicants 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.

**ELECTRICAL & ELECTRONIC ENGINEERING DEEE – S99**

The Diploma in Electrical & Electronic Engineering (DEEE) is an established engineering course with a history of more than 60 years. More than 20,000 students have passed through this course and many of them have successfully emerged as captains in their respective fields. It is a course well recognised by industries and universities, local and overseas.

The DEEE course will train you to be a competent and much sought after technologist. Through this broad-based course, you will become a solution-minded engineer with career opportunities across an extensive range of industries such as biomedical, automation, telecommunications, power engineering, rapid transit, microelectronics and more. You will acquire skills and knowledge in the development of semiconductor chips for smartphones, 5G wireless technology, Industry 4.0 concepts and technologies, the handling of cutting-edge healthcare equipment, managing of Solar PV systems, and the design of power transmission and distribution systems.

**FURTHER STUDIES**

You can gain direct entry into the second year of local universities to pursue a degree in Electrical & Electronic Engineering. You may enter an enhanced diploma to lead up to two years when applying for related degree programmes at overseas universities in Australia, New Zealand and the United Kingdom.

The DEEE is a broad-based diploma that provides an excellent environment for students to explore various fields of EEE and find one that suits them well. Through the structured DEEE curriculum, well-equipped labs and practical projects, I was able to discover my interests and strengths.

**ENTRY REQUIREMENTS**

**Range of Net 2023 JAE ELR2B2: 5 – 17**

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**FURTHER STUDIES**

Applicants who have colour vision deficiency, and wish to pursue a career in electrical power engineering or as a Licensed Electrical Engineer, will be referred to the Energy Market Authority (EMA) of Singapore. In addition, 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.
COURSE HIGHLIGHTS

This course offers:

- A curriculum with modules from three SP schools — School of Electrical & Electronic Engineering, School of Mechanical and Aeronautical Engineering and School of Business
- Integration of engineering and business knowledge with a strong focus on technopreneurship
- An opportunity to join the SP-NUS Collaboration or SP-SUTD Pathway Programme to get a head start in university life
- A choice of 3 or 5 electives where you can pursue your passion that can lead to a certification minor respectively
- A space in the EEE Technology Business (T2B) Hub for students to learn from and network with like-minded entrepreneurs and venture into startups
- Common Core modules in critical human and emerging digital skills that provide an integral learning experience alongside domain modules
- An enriching and exciting overseas technopreneurship immersion programme in Japan or China
- An exciting two-week exchange programme (Learning Express) where you will use your skills and knowledge to improve lives in the real world
- Electives in the areas of - Python Coding for the Internet of Things (IoT) - AWS Cloud Foundations - Robotics Technologies - 22-week overseas and local internship opportunities at reputable companies such as OCBC, Mapletree, ST Electronics, Panasonic, IBM, STMicro and A*STAR
- A proven track record of DEB graduates admitted to local and overseas universities such as NUS, NTU, SUTD, SIMU, SIT and University of Cambridge (UK) with up to two years of advanced standing.

Are you looking for a course with both engineering and business? If yes, the Diploma in Engineering with Business gives you the best of both worlds and trains you to be a versatile business-minded engineer with an entrepreneurial mindset.

In this course, you will acquire the knowledge and skills in electrical and mechanical engineering, and spend up to a third of your time learning and applying business concepts to engineering products and services. This course provides you the flexibility to further your studies in engineering, business or interdisciplinary degree programmes. It also offers you an opportunity to join the SP-NUS Collaboration or SP-SUTD Pathway Programme which shortens your time from diploma to degree to work. With a network of industry partners and mentors, you will get a head start to become a Technopreneur.

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 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 (APs) in relevant modules for up to a maximum of 40 modular credits (equivalent to a year’s worth of study).

CORE CAREERS

Some possible careers include:
- Assistant Engineer (Product/Design/Development)
- Assistant Engineer (Project)
- Business Development Executive
- Customer Relationship Management Executive
- Entrepreneur
- Procurement Executive
- Sales and Marketing Executive

The DEB curriculum enabled me to broaden my horizons by studying two useful and complementing disciplines — engineering and business. The diversity of our modules greatly helped in enhancing my engineering skills and developed my thinking into one that was both practical and innovative. There was also a plethora of opportunities to apply our learning outside of the classroom. My lecturers, seniors and friends greatly supported and guided me throughout my three years in SP and it has moulded me into the person that I have grown to become! — Elyn See Kain

The Right Choice

ENTRY REQUIREMENTS


**Aggregate Type: ELR2B2-C**

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Regardless of your specialisation, we are constantly reinventing our curriculum to align with international trends and accreditations. You will not only develop a firm foundation in a wide range of Engineering disciplines but also acquire basic skills in Business and Humanities. In your second year, you will be streamed into one of six specialisations. Many graduates have built successful careers in Engineering. Some are leading large corporations while others started their own businesses.

Consider taking the ‘Biomedical’ specialisation, one of the six specialisations in this diploma, if you are interested in creating innovative equipment and procedures in collaboration with engineers, doctors and scientists in the rapidly advancing biomedical sciences industry.

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) (University of Glasgow and Newcastle University)
- Singapore Institute of Social Sciences (SISS)
- Imperial College London
- University of Manchester
- University of New South Wales
- Royal Melbourne Institute of Technology University

DME is Singapore’s first engineering course. It has remained the island’s de facto first choice mechanical engineering diploma course since its inception in 1958.

MECHANICAL ENGINEERING

**DME — S91**

**ENTRY REQUIREMENTS**


**Aggregate Type: ELR2B2-C**

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COURSE HIGHLIGHTS

This course offers:
- CDIO (Conceive-Design-Implement-Operate) framework and Design Thinking methodology
- Streaming into one of the following specialisations:
  - Automation & Robotics
  - Biomedical
  - Energy & Facilities Management
  - Engineering Design & Simulation
  - Precision Engineering
  - Rapid Transit Technology
- Internships with reputable organisations and exposure to real-world projects
- Exposure to the latest advanced manufacturing technologies at our high-tech learning space

CAREER OPTIONS

- Assistant Aircraft Engineer
- Assistant Automation Engineer
- Assistant Engineering Services Engineer
- Assistant Facility Engineer
- Assistant HVAC (Heating, Ventilation & Air-Conditioning) Engineer
- Assistant Machine & Product Design Engineer
- Assistant Manufacturing Engineer
- Assistant Medical Device/Equipment Application Engineer
- Assistant Medical Device Design Engineer
- Assistant Performance Engineer
- Assistant Project Engineer
- Assistant Quality Control/Assurance Engineer
- Assistant Quality Engineer
- Assistant Rapid Transit Engineer
- Assistant R&D (Research & Development) Engineer
- Assistant Tooling Engineer
- Assistant Bioengineering Technologist
- Licensed Aircraft Maintenance Engineer
- Medical Equipment Technologist
- Regulatory Affairs Specialist

MECHANICAL ENGINEERING

**DME — S91**

**ENTRY REQUIREMENTS**


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- Assistant Quality Engineer
- Assistant Rapid Transit Engineer
- Assistant R&D (Research & Development) Engineer
- Assistant Tooling Engineer
- Assistant Bioengineering Technologist
- Licensed Aircraft Maintenance Engineer
- Medical Equipment Technologist
- Regulatory Affairs Specialist

Checklist for Deafblind Applicants

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.

Phua Shin Zert
DME Gold Medalist, Gold Medal recipient, NTU ASIAN Undergraduate Scholarship recipient, NTU Lee Kuan Yew Gold Medal recipient, Class of 2019

The Right Choice

I got to experience new things and definitely had a very hands-on experience in DME. The knowledge I acquired in DME allowed me to branch into many different interest areas and the course also provided me with a wide range of skills I need to succeed in the working world. My most memorable experience was working on my Final Year Project (FYP) with my teammates. We built a mechanical device that launches ping pong balls at a target with both defence testing applications and even broke the Guinness World Record for the furthest moving ping pong ball. We were able to achieve this feat with the help of our DME lecturer who was our FYP supervisor. His dedication, experience and support made everything possible! — Phua Shin Zert

The Right Choice

I have being a DME student for four years and I am very much looking forward to the next year where I will be able to join the SP-Deakin programme. — Phua Shin Zert

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The Right Choice

The Right Choice
SP launched Singapore’s first mechatronics diploma course in 1991 to meet the demand for cross-disciplinary engineers needed in the precision engineering industry.

With the emergence of Industry 4.0 and in support of our nation’s drive towards advanced manufacturing, the course has since diversified into the fields of collaborative robotics (Collbots), autonomous mobile platforms (AMRs) and flexible automation (FA), equipping our graduates with the relevant skill sets and competencies to meet the needs of the evolving manufacturing sector. Training has also gone beyond the core areas of mechatronics engineering to include a plethora of essential knowledge in the Internet of Things (IoT), programming, analytics and design.

Come on this journey with us and be inspired by the world of mechatronics! You will have the opportunity to work with renowned industry partners during your internship or other projects and be equipped with future-ready interdisciplinary skill sets and a multidisciplinary mindset.

In DMRO, we turn your dreams and aspirations into reality.

**ENTRY REQUIREMENTS**


**Aggregate Type: ELR2B2-C**

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**FURTHER STUDIES**

You can gain an advanced standing in Mechanical, Mechatronics, Robotics Systems, Electrical & Electronics or Computer Engineering degree courses in both local (NUS, NTU, SUTD, SUT) and international universities. Selective module exemptions or direct entry to second year in both local universities.

**CAREER OPTIONS**

- Assistant Automation Engineer
- Assistant Design Engineer
- Assistant Electromechanical Engineer
- Assistant Mechanical Engineer
- Assistant Mechatronics Engineer
- Assistant Robotics Engineer
- Assistant System Development Engineer

**FUTURE ENTREPRENEUR WITH A HEART OF GOLD**

Back when his peers only began to understand how money works, Gerwyn was already selling erasers and other inkick-knacks for a profit. So it came as no surprise when he chose to apply to SP’s Diploma in Business Administration during the Early Admissions Exercise, as he was impressed by the lecturers’ professionalism during his interview.

At SP, the Excellence Award recipient furthered his passion for business by entering his ideas and concepts for various business competitions. During the recent FedEx JA International Trade Challenge, Gerwyn’s sustainable all-in-one lightweight travel solution won him one of the top three prizes in the national competition.

Behind Gerwyn’s competitive nature lies a heart of gold. One of his reasons for choosing SP was the opportunity to take up the Diploma Plus in Humanitarian Affairs. He wanted to combine his business skills and knowledge from the humanitarian affairs course to help charities and non-governmental organisations uplift disadvantaged communities. And he did. He has gone on multiple community service trips around Southeast Asia since he first joined SP.

Gerwyn will be furthering his studies in Business at a local university, before setting up a social enterprise to help the disadvantaged. We look forward to Gerwyn changing the world, one project at a time.
Go on an adventure and ride the waves with Singapore Maritime Academy (SMA).

At Singapore’s first maritime training institution, you can gain knowledge and skills to navigate the oceans. You can also tap on engineering disciplines to turn a ship into a moving city. You are exposed to the wide array of shipping business activities. Your adventure begins under the guidance of experienced lecturers and with hands-on training using state-of-the-art simulators and facilities.

When you graduate, you can be part of Singapore’s globally established maritime industry — one of the world’s busiest seaport and largest container ports.

WHY SMA?

At SMA, you will learn in a state-of-the-art maritime Integrated Simulation Centre (ISC) and advanced labs. There is also a marina for you to experience hands-on training in seamanship and survival skills.

There are many highlights to becoming a student of SMA. If you decide to pursue our Diploma in Nautical Studies or Diploma in Marine Engineering, you get the opportunity to participate in sea-based internships on board foreign-going vessels. If you pursue our Diploma in Maritime Business, you will be exposed to the latest industry developments through industry talks and visits. Our students are given many opportunities for overseas exposure through study tours and community service.

- MARINE ENGINEERING (S63)
- MARITIME BUSINESS (S74)
- NAUTICAL STUDIES (DNS - DAE)

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

Singapore Maritime Academy
Tel: (65) 6775-1133
Email: contactus@sp.edu.sg
Website: www.sp.edu.sg/sma

The Diploma in Marine Engineering (DMR) course trains you in the different engineering disciplines that allow you to understand ship construction and how a ship works as an independent power plant:

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

Besides lectures and laboratory work, you will be exposed to advanced ship engineering system simulators and various training software. Our machinery workshops are equipped to train students for operational competencies that are required in the workplace, be it onboard a ship or a shore-based establishment.

You will have the special opportunity to choose between a sea-going or shore-based route during your third year.

FURTHER STUDIES

You can gain direct entry into related engineering degree programmes in NUS, NTU and international universities or pursue a BEng (Hons) in Naval Architecture, Marine Engineering or Offshore Engineering offered by Newcastle University through the Singapore Institute of Technology (SIT).

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.

With the training received, a wide variety of career opportunities await you. You can be employed as marine engineers on ships as well as engineers in shipyards, offshore oil and gas industries and non-maritime engineering firms. Many of our graduates are also suitably employed in sales and service positions in various engineering companies.

The Right Choice
If you are looking for a challenging and rewarding career in the maritime industry, join the Diploma in Maritime Business (DMB).

As one of the world’s busiest seaports and largest container ports, there is a continuous demand for maritime and logistics-related organisations involved in a wide range of shipping business activities in Singapore. Graduates from DMB will fill this manpower gap.

**COURSE HIGHLIGHTS**

- A practice-oriented course that links theory and practice through hands-on training, case studies and field visits
- An extensive programme that prepares you to be versatile, enabling you to gain employment in various sectors within the maritime industry
- Six-month enhanced shore-based internship during the second year which provides enhanced first-hand experience of working in maritime-related organisations

**CAREER OPTIONS**

Upon graduation, DMB graduates are highly sought after for appointments as junior executives in organisations running ship owning/management, shipbroking/chartering, port/agency; logistics/supply chain management and marine insurance, law companies; and 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. Estimated starting salary: S$2,000

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**Diploma in Nautical Studies (DNS) – DAE**

The job prospects are wonderful for self-motivated, independent and adventurous young people who love a sea career. It is a direct fast track to becoming a ship’s captain.

**ENTRY REQUIREMENTS**

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Note: To be eligible for admission, you must also have sat for one of the following subjects

- Biology
- Biotechnology
- Chemistry
- Computing/Computer Studies
- Creative 3D Animation
- Design & Technology
- Electronics/Foundamentals of Electronics
- Food & Nutrition
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

**FURTHER STUDIES**

You can gain direct entry into relevant degree courses in 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.

**CAREER OPTIONS**

There are plenty of exciting career options and opportunities. You can start off as a Junior Navigating Officer and progress to become a Ship Captain or Manager ashore. You will learn to operate some of the most advanced technologies in the maritime industry.

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**The Right Choice**

**Krack Lim, Secretary-General, International Maritime Organisation**

“I had an enriching experience in DMB. The curriculum covers a wide scope of the maritime industry and it equipped me with the skills and knowledge that prepares me to be work-ready. My internship at PSA Corporation was an eye-opening experience. I gained valuable insights on how one of the world’s largest and busiest container ports operates.”

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**Song Yuex Chong, DMB Gold Medallist, Class of 2021**

“I was pursuing a Double Degree in Accountancy and Business at NTU. I had an enriching experience in DMB. The curriculum covers a wide scope of the maritime industry and it equipped me with the skills and knowledge that prepares me to be work-ready. My internship at PSA Corporation was an eye-opening experience. I gained valuable insights on how one of the world’s largest and busiest container ports operates.”

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**Calista Chan, DNS Gold Medallist, Class of 2020**

“I once sailed through choppy seas and strong winds as a DNS student. It was a scary experience but it shaped me into becoming a strong-minded individual.”

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**Entry Requirements**

<table>
<thead>
<tr>
<th>Subject (Elementary/Additional)</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 – 7</td>
</tr>
<tr>
<td>Mathematics</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Any other subjects</td>
<td>1 – 6</td>
</tr>
</tbody>
</table>

Note: To be eligible for admission, you must also have sat for one of the following subjects

- Biology
- Biotechnology
- Chemistry
- Computing/Computer Studies
- Creative 3D Animation
- Design & Technology
- Electronics/Foundamentals of Electronics
- Food & Nutrition
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)
We are telling you without telling you

What is life really like in your desired SP diploma course? We asked SP students to “tell us you are from (a particular SP diploma course) without telling us the diploma course” on our Instagram recently and rounded up the best five descriptions - look around!

To find out what a day in the life of a SP student is like, watch these videos:

Melanie Wee (@melanieweee):
“Made a TikTok video for my course assessment (CA)”

Zelene Lee (@sunshinelly02):
“We are considered ‘half engineers’ and our course is not under the engineering school”

Arunthathi (@__arunthathi__):
“With this course, I’d wanna look into your eyes all day”

Gabriel Lee (@gabriel.ljy):
“Abbreviation of this course name is 3x of the same letter”

Soumi Saha (@soumailaha):
“SEAS THE DAY”
Follow us on social media for the latest happenings on campus, cool stories & lots of fun content!

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@singaporepolytechnic