

THE RIGHT CHOICE

Your Course Guide to **Singapore's First Polytechnic** Est 1954



SP⁺U
With SP, it's So Possible

SINGAPORE
POLYTECHNIC | **SP**

SP Open House 2018

4-6 JAN 10AM to 6PM



THE SP EXPERIENCE

- Meaningful overseas experiences**
Trips to countries like Japan, China, France and the USA to enrich your learning experience.
- University or career after SP**
If the seniors can do it, you can too.
- Pursue my passion in music, arts and sports**
Why not? There are more than 100 CCA clubs!
- Internships**
Yes! At big brand companies or even world class universities like Harvard, MIT and Yale.
- Scholarships**
Of course! And SP scholars are groomed under a special SP Outstanding Talent programme.
- Design Thinking**
You'll enjoy it. You'll be taught how to think like a designer.
- MRT to SP**
With Dover MRT at SP's doorstep, getting to school has never been easier!
- Food at SP**
Six foodcourts, Long John Silver's, KFC, McDonald's, Starbucks, Subway.... Burp!!
- Fun at SP**
Pool, gym, jamming rooms, dance studio, rock climbing wall, even a bowling alley.
- Green campus**
Exciting learning spaces like the AeroHub and SP Business School in a vibrant and eco-friendly environment.

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SINGAPORE
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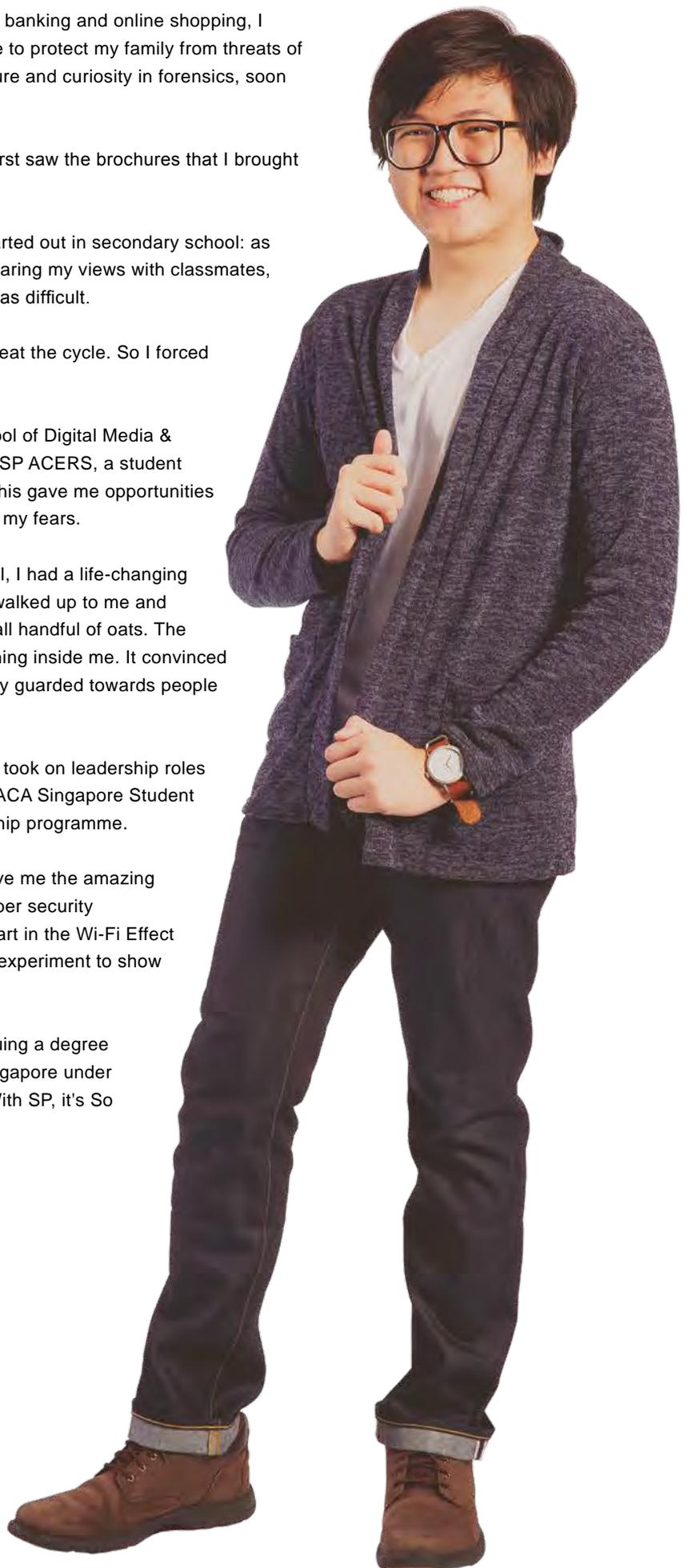
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WHY I CHOSE SP

- ▶ As a Gen-Y growing up with smart phones, internet banking and online shopping, I realised the importance of cyber security. My desire to protect my family from threats of the virtual world, coupled with my investigative nature and curiosity in forensics, soon led me to my current course.
- ▶ My dad was from SP. He was so excited when he first saw the brochures that I brought back from his alma mater.
- ▶ I started my polytechnic journey the same way I started out in secondary school: as an introverted, pessimistic student. I had trouble sharing my views with classmates, seniors, and even lecturers. Even making friends was difficult.
- ▶ At the rate things were going, I was destined to repeat the cycle. So I forced myself to learn how to open up.
- ▶ I joined the student ambassador group for the School of Digital Media & Infocomm Technology called STARS. I also joined SP ACERS, a student ambassador group that promotes SP as a whole! This gave me opportunities to talk to strangers, make new friends and confront my fears.
- ▶ During an overseas community service trip to Nepal, I had a life-changing encounter. A young girl from the village we visited walked up to me and offered to share half her lunch that day – just a small handful of oats. The sincerity and generosity of this act changed something inside me. It convinced me to get out of the tough shell that made me overly guarded towards people around me.
- ▶ Eventually, I became more open and outgoing, and took on leadership roles in ACERS, STARS, and other CCAs such as the ISACA Singapore Student Chapter. I also founded the DISM Student Mentorship programme.
- ▶ My internship at the DSO National Laboratories gave me the amazing chance to explore the alpha stages of emerging cyber security technologies! Another favourite memory is taking part in the Wi-Fi Effect by the Prime Minister's Office, a large-scale social experiment to show people the dangers of neglecting cyber security.
- ▶ After completing my national service, I will be pursuing a degree in Information Security at National University of Singapore under a Public Service Commission (PSC) scholarship. With SP, it's So Possible!

SP+ DANIEL HO

Diploma in
Infocomm Security Management
Class of 2016
Alumnus of Victoria School



JAE 2018

ALL YOU NEED TO KNOW ABOUT JAE 2018

■ SP Admission Hotline: 6772-1882 ■ Admissions Email: contactus@sp.edu.sg

The Joint Admissions Exercise (JAE) is conducted by the Ministry of Education for those who have sat for the Singapore-Cambridge GCE 'O' Level Examination to apply for post-secondary education courses, including diploma courses at Singapore Polytechnic (SP). The JAE registration will commence on the same day as the official announcement of the GCE 'O' Level Examination results.

JAE allows each applicant to make **12 choices**. Posting to your choice will depend on merit, i.e. your 'O' Level aggregate score, followed by the ranking of your choices.

JAE Application Procedure

On the day of the release of the GCE 'O' Level results, you will receive from your secondary school the following:

1. GCE 'O' Level Results
2. Form A
3. JAE 2018 Booklet

- Check out Form A for the list of eligible courses.
- Refer to this guide for SP diploma course names and entry requirements. Form A only lists out the course codes. All SP courses are prefixed with 'S' followed by a number, for example, S88.
- Mark out those SP courses that you are really passionate about.
- Visit SP for course counselling at the SP Convention Centre after you have received your results. Have a chat with course counsellors who will provide valuable advice on what each diploma course is about. Course Counselling is open throughout the JAE application period.
- When you have decided on your 12 choices, you can make your online application at home or apply online at SP during the JAE if you need further advice.
- Complete all 12 choices. Don't waste any of your choices.
- Verify your 12 choices and click the 'Submit' button. After submission, print out the verification slip – this is the proof of your application.

Other Admissions Exercises

Besides JAE, there are other admissions exercises for those applying to join the polytechnics. They are:

- **Early Admissions Exercise (EAE)** is for final-year secondary school students who have strong passion and aptitude for a polytechnic course they are keen to pursue. If selected, students will be able to secure a place in SP even before sitting for their 'O' level exams! The application opens and closes in late June. This will replace the Direct Polytechnic Admissions (DPA) Exercise and Joint Polytechnic Special Admissions.
- **Early Admissions Exercise – ITE Graduates or EAE (I)** is for ITE Higher Nitec holders and Nitec holders who have not previously enrolled in a polytechnic. Similar to EAE, EAE (I) focuses on students with strong passion and aptitude for a polytechnic course they are keen to pursue. EAE (I) applications take place in June.
- **Joint Polytechnic Admissions Exercise (JPAE)** is for holders of ITE Higher Nitec and Nitec, including final-year ITE students.
- **Direct Admissions Exercise (DAE)** is for ex-polytechnic students and students who are holders of the GCE 'A' Level or international qualifications.



HOW TO MAKE THE RIGHT CHOICE AT JAE

Admission to polytechnic courses is based on meeting the Minimum Entry Requirements (MER), the ELR2B2 and the available vacancies. The ELR2B2 aggregate score refers to the GCE 'O' Level results for English Language, two relevant subjects and your best two other subjects.

CCA Points

CCA points can be counted as bonus points only after computing the ELR2B2 aggregate score. An 'A' Grade CCA will get you 2 bonus points and 'B' and 'C' Grades will get 1 bonus point. For example, if your ELR2B2 aggregate score is 10 points and your CCA grade is 'A', your net ELR2B2 aggregate score becomes 8 points.

ELR2B2

Each SP diploma course has an ELR2B2 score. Remember to use this as a guide only. You should still apply for your favourite SP diploma course if your aggregate ELR2B2 score is close to the 2017 JAE ELR2B2.

Making Your Choice

You will be given 12 choices. It is very important to have passion for the choices that you are going to make instead of following where your friends are going and ending with the wrong choice. Complete all 12 choices, don't waste any of them.

The JAE Form A

You will receive the JAE Form A and the JAE Booklet from your secondary school after the GCE 'O' level results are released. The Form A will indicate the SP diploma courses that you can apply for.

See example below:

Example of Form A

2018 JOINT ADMISSIONS EXERCISE (JAE)		Form A
Name : NAM SIL	JAE PIN : KMP46767	← JAE PIN.
Address : 123 ANG MO KIO #01-123 S(560123)	Centre Index No : 0629510029	
	School Code : 7310	
There will be no registration after DD/MM/YYYY 04:00PM.		
Your GCE 'O' Level Examination results are as follows:		
11 = A1 63 = A2 41 = A1 42 = A2 44 = A1 45 = A1		
46 = A1 22 = A2 CCA = EXCELLENT		
Your aggregate scores are as follows:		
JC : L1R5 = 07		
MI : L1R4 = 05		
Poly : ELR2B2-A = 06 ELR2B2-B = 06 ELR2B2-C = 05 ELR2B2-D = 05		
ITE : ELB4-A = 05 ELR1B3-B = 05 ELR2B2-C = 05		
<p>Based on the 2017 GCE 'O' Level Examination results, you are eligible to apply for all courses offered by JC (2-Year Duration) and MI (3-Year Duration). The JC and MI course codes can be found in the Joint Admissions Exercise Booklet. You are also eligible for the Polytechnic / ITE courses listed below. Though you are eligible for these courses, admission to a course under this exercise is based on merit, your indicated choices and vacancies available.</p> <p><u>Polytechnic / ITE courses you are eligible for:</u></p> <p>C38 C39 C40 C41 C42 C43 C45 C46 C47 C48 C49 C50 C51 C52 C54 C55 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C69 C70 C71 C72 C73 C74 C75 C78 C80 C81 C83 C85 C87 C89 C93 C94 C96 C97 C98 C99 N40 N41 N42 N43 N44 N45 N48 N49 N50 N51 N53 N54 N55 N56 N57 N59 N60 N64 N65 N66 N67 N68 N69 N70 N71 N72 N73 N74 N75 N76 N77 N78 N79 N81 N82 N83 N84 N85 N86 N87 N88 N89 N90 N91 N92 N93 N94 R11 R12 R13 R14 R16 R17 R18 R19 R20 R21 R22 R24 R25 R26 R27 R28 R29 R31 R32 R33 R34 R35 R36 R37 R39 R40 R41 R42 R43 R44 R45 R46 R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 S33 S35 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S50 S51 S53 S54 S55 S56 S58 S63 S64 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S82 S86 S88 S89 S90 S91 S93 S94 S95 S97 S98 S99 T01 T02 T04 T05 T06 T08 T09 T13 T17 T18 T20 T22 T23 T25 T26 T27 T28 T29 T30 T31 T33 T35 T36 T38 T39 T40 T43 T44 T45 T46 T48 T49 T50 T51 T52 T53 T54 T56 T57 T58 T59 T60 T61 T62 V10 V11 V12 V13 V18 V19 V21 V26 V27 V28 V29 V30 V35 V39 V40 V41 V42 V44 V45 V47 V49 V52 V54 V55 V56 V60 V61 V62 V63 V64 V65 V66 V67 V68 V69 V70 V71 V72 V73 V74 V75 V76 V77 V78 V80 V81 V82 V84 V85 V86 V87 V88 V89 V90 V91 V92 V93 V94 V95 V96 V97 V98 V99</p>		
<p>Note:</p> <ul style="list-style-type: none"> You can also apply for other suitable courses for GCE 'O' level students, offered by ITE. Please see ITE's admissions booklet on JIE. 		

JAE PIN.

Subject code and grade based on your examination results.

Aggregate types

Course codes beginning with 'S' are SP courses that you can apply for. For example, 'S88' refers to SP's Diploma in Aeronautical Engineering.

Note: All details on JAE application are given in the JAE booklet.

JAE 2018

EXAMPLE OF A JAE APPLICATION

Jack places his first choice as SP's Diploma in Business Administration (DBA) and the JAE ELR2B2 for this course in the previous year was 12. Even though his aggregate score is 1 point outside of the JAE ELR2B2, he still puts DBA as his first choice as he is very interested in it.

All applicants have a ranking in the JAE system. When it is Jack's turn to be posted to a course, and the system checks that there are places available (in the order of his choices), he will then be assigned a place. So if he did not try, he could have wasted an opportunity to get his dream course because the published JAE ELR2B2 is for the previous year's JAE.

The aggregate score of the last applicant posted into a course in that year will determine the JAE ELR2B2 of that particular year.

Making optimal use of the 12 choices

For example, if there is one last place in the Diploma in Financial Informatics, Jack's aggregate score of 13 would give him priority over another applicant with an aggregate score of 14 who puts this course as his first choice, even though Jack selected the course as his fifth choice. Selection is based on merit first rather than choice order.

- Students should use the previous year's JAE ELR2B2 as a guide
- Students should not rule out a course even if their ELR2B2 aggregate score is outside of the previous year's JAE ELR2B2
- Students should rank their choices – course / institution
- Students should include a course that they stand a good chance of getting into
- Students should use their 12 choices wisely and realistically



Jack has an aggregate score of 13 points for his ELR2B2. He is interested in doing a business diploma in SP. Here are his top six choices.

Choices	1 st Choice	2 nd Choice	3 rd Choice	4 th Choice	5 th Choice	6 th Choice
Diploma Course	SP - Business Administration	SP - Accountancy	SP - Tourism and Resort Management	SP - Banking and Finance	SP - Financial Informatics	SP - Engineering with Business
2017 JAE ELR2B2	12	12	12	12	13	14

Remember, the JAE ELR2B2 is only a guide as it depends on the performance of each cohort.

JAE FAQs

FREQUENTLY ASKED QUESTIONS

■ SP Admissions Hotline: 6775-1133 ■ Admissions Email: contactus@sp.edu.sg

What is the basis of selection in the Joint Admissions Exercise (JAE)?

Selection is first based on merit (which means the ELR2B2 aggregate score) and then according to the line-up of choices as listed in the JAE submission. Students who have better aggregate scores will have a better ranking, and therefore a better chance of getting their first choice course.

For example, if you have an ELR2B2 aggregate score of 7 and puts down SP's Diploma in Biomedical Science course as your third choice, which has a JAE ELR2B2 of 8, you stand a better chance than your classmate who has 8 points but puts it as his first choice.

Will the order of choices as listed determine whether a student gets into a particular course?

The way you list down your 12 choices indicates your preference. Depending on your aggregate score (and hence, ranking, in order of applicants), you will then be considered for each course, one by one, as listed in your order of preference. This means you will be first considered for the first choice, failing which it will be your second choice and so on.

If I list a particular course, for example the Diploma in Biotechnology as my third choice, but another applicant lists the same course as his/her first choice, will this applicant then take precedence over my entry to this course, despite having a worse aggregate score than me?

No. You will still have precedence if your ELR2B2 aggregate score is better than the other applicant. Therefore, if you are unsuccessful for entry to your first and second course choices, you will be posted to the Diploma in Biotechnology as it was placed as your third choice (subject to vacancies).

If I do not have the minimum English Language grade for the course I want, can I still apply for the course?

You cannot apply for that particular course under the JAE if you are not eligible. However you may apply through SP's Direct Admissions Exercise (DAE), provided you fulfil the following requirements: you have scored distinctions in Mathematics and one other subject; have a minimum 'B' grade for the relevant subject (as stated in the course entry requirements) and have a good aggregate score. You are also advised to apply for courses that you are eligible for under the JAE.

If I did not take 'X' subject in the 'O' Levels, which is relevant to the course that I am applying for, will my chances of getting into this particular course be lower than those applicants who have taken this subject?

As long you meet the Minimum Entry Requirements (MER), it makes no difference which third subject was taken during the examinations.

What is the JAE ELR2B2 of a course?

This refers to the aggregate score of the applicant who fills the last vacancy of that particular course. For example, if the last applicant posted to a course in 2017 has an ELR2B2 aggregate score of 10, this will be the JAE ELR2B2 for the course. This means that the applicants posted to the course before this last applicant will have scores that are the same or better than him.

What is the likely JAE ELR2B2 for a particular course for this intake?

Each year's JAE ELR2B2 depends on the number and quality of students applying for each course and the corresponding number of course vacancies.

What are the chances of getting into a particular course, if my aggregate score is higher than the previous year's JAE ELR2B2 for the course?

We are unable to advise on your chances of getting into the course of your choice. Even if your aggregate score does not meet last year's JAE ELR2B2, you should still list the course that you are interested in as your first choice. You never know what this year's JAE ELR2B2 will be! However, it is advisable to include some courses that you stand a good chance of getting into.

Can I use combined results?

Yes, you may combine your GCE 'O' Level results of any two years.

Is it possible for me to change courses after studying in SP for a few months?

You cannot change courses once the semester has started. We advise applicants to consider a course transfer before the semester starts. Please note that applications for course transfer are based on merit and subject to available vacancies.

How many examinations are there in a year?

There are two semesters in a year and there will be an examination at the end of each semester. There are also regular in-course assessments as well as projects. For some courses, the students are assessed on projects instead of examinations.

How does SP's modular system help me in my studies?

Subjects are offered as modules. Upon completion of the module in one semester, you will take an examination on the module. A key benefit of SP's modular system is that a student only needs to repeat a failed module instead of all subjects. This can be done the following semester instead of waiting for one year. This system allows flexibility, and helps students pace their learning.

How are excellent students recognised in SP?

Students who perform well are recognised on the Director's Honour Roll. There are also prizes and awards given to top students every year, either by SP or by external companies and organisations. Every year, SP also honours achievers at the annual Excellence Awards.

2017 JAE ELR2B2

The ELR2B2 refers to the aggregate score of English Language, two relevant subjects and two other best subjects.

This table shows the 2017 JAE ELR2B2 for SP courses.

SP DIPLOMA COURSE	COURSE CODE	2017 JAE ELR2B2
Accountancy (DAC)	S75	12
Aeronautical Engineering (DARE)	S88	12
Aerospace Electronics (DASE)	S90	14
Applied Chemistry (DAPC)	S64	10
Applied Drama and Psychology (DADP)	S43	14
Architecture (DARCH)	S66	13
Banking and Finance (DBKF)	S76	12
Bioengineering (DBEN)	S58	13
Biomedical Science (DBS)	S98	7
Biotechnology (DBT)	S72	9
Business Administration (DBA)	S71	12
Business Information Technology (DBIT)	S82	14
Chemical Engineering (DCHE)	S70	13
Civil Engineering with Business (DCEB)	S68	19
Common Engineering Programme (DCEP)	S40	15
Computer Engineering (DCPE)	S53	17
Creative Writing for Television and New Media (DTVM)	S41	12
Digital Animation (DDA)	S35	11
Electrical and Electronic Engineering (DEEE)	S99	18
Energy Systems and Management (DESM)	S45	21
Engineering Systems (DES)	S33	21
Engineering with Business (DEB)	S42	14
Experience and Product Design (DXPD)	S51	18
Facilities Management (DFM)	S95	13
Financial Informatics (DFI)	S46	13
Food Science and Technology (DFST)	S47	13
Games Design and Development (DGDD)	S56	12
Human Resource Management with Psychology (DHRMP)	S48	12
Infocomm Security Management (DISM)	S54	11
Information Technology (DIT)	S69	14
Integrated Events and Project Management (DEPM)	S50	14
Interior Design (DID)	S89	16
Landscape Architecture (DLA)	S94	18
Marine Engineering (DMR)	S63	17
Maritime Business (DMB)	S74	18
Mechanical Engineering (DME)	S91	16
Mechatronics and Robotics (DMRO)	S73	13
Media and Communication (DMC)	S86	13
Music and Audio Technology (DMAT)	S97	14
Nautical Studies (DNS)*	DNS	Offered under DAE
Nutrition, Health and Wellness (DNHW)	S44	10
Optometry (DOPT)	S67	13
Perfumery and Cosmetic Science (DPCS)	S38	14
Tourism and Resort Management (DTRM)	S55	12
Visual Communication and Media Design (DVMD)	S93	14
Visual Effects and Motion Graphics (DVEMG)	S39	14

*Offered under the Direct Admissions Exercise (DAE)

SP OUTSTANDING TALENT PROGRAMME

The Singapore Polytechnic Outstanding Talent (SPOT) programme is designed for top SP students to develop their talent and help them realise their dreams and aspirations to become tomorrow's Leaders, Humanitarians, Communicators and Scholars.

Under this programme, you will receive an all-rounded education as you gain insight into diverse areas that go beyond the scope and focus of your diploma. You will receive opportunities to attend modules, workshops and camps as you hone a myriad of skill sets pertinent to meeting the demands of the 21st century. On top of that, there will be opportunities to take part in high-level dialogues and talks by prominent Singapore government figures and other foreign dignitaries. SPOT students will be given a chance to part of the organising team for the annual S. Rajaratnam Endowment Youth model ASEAN Conference (SRE-YMAC) – a signature SP event that has received accolades from regional partners.

With excellent results, you may be selected for the SPOT programme where you will be nurtured into a future leader through specially tailored activities that include overseas exposure. You have a chance to be moulded into Leaders, Innovators, Humanitarians and Communicators.

SP representatives together with PM Lee Hsien Loong (sixth from the left) at the ASEAN Summit 2015, where SP was awarded the ASEAN People's Award in recognition of our annual SRE-YMAC.



SP students selected for the SP Outstanding Talent (SPOT) Programme participate in enriching overseas programmes such as visiting Google in America.

EXPERIENCE GROWTH IN FOUR KEY AREAS:

As A Leader

- ✦ Learn effective strategies of self and team leadership in a unique overseas leadership camp
- ✦ Plan and lead the execution of Student-led initiatives (SLIs) that serve the larger community
- ✦ Listen to and be inspired by SPOT alumni and leaders from all walks of life
- ✦ Co-organise high-profile SPOT events at the school and national level

As A Communicator

- ✦ Fine-tune your speaking, writing and networking skills
- ✦ S Rajaratnam Endowment Youth Model ASEAN Conference (SRE-YMAC)
- ✦ Apply to represent SP in prestigious local and overseas conferences and seminars

As A Humanitarian

- ✦ Develop deeper understanding of service learning and social enterprise in customised workshops
- ✦ Serve in local and overseas community service projects for causes you are passionate about
- ✦ Use design thinking skills to practice social innovation for communities in need

As A Scholar

- ✦ Learn what it takes to create an impressive, well-rounded portfolio
- ✦ Prepare yourself for university and scholarship interviews
- ✦ Network with past scholars and illustrious SPOT alumni
- ✦ At the end of your SPOT journey, develop a unique portfolio of your SPOT achievements and experiences that will set you apart

SCHOLARSHIPS

SP offers scholarships to those who have done well at the GCE 'O' Level examinations and to ITE graduates. Our scholars have progressed to greater heights. Many of them are offered scholarships when they progress to universities, locally or overseas.

These include scholarships from the Singapore Public Service Commission, Nanyang Technological University, National University of Singapore, Singapore Management University, Singapore Institute of Technology, Singapore University of Technology & Design, Harvard University, A*STAR, Infocomm Development Authority, Info-communications Media Development Authority, Defence Science & Technology Agency and many more.



The SP Scholarship

- Open to first and second year students
- Includes a bond-free tuition fee sponsorship, and notebook allowance
- Participation in the SP Outstanding Talent (SPOT) programme



The SP Engineering Scholarship

- Open to first and second year students with a passion for engineering
- Includes a bond-free tuition fee sponsorship and notebook allowance
- Participation in the SP Outstanding Talent (SPOT) programme
- Participation in R&D programmes and engineering conferences locally and overseas



The SP-ITE Scholarship Scheme

- Open to outstanding ITE graduates taking full-time diploma courses at SP
- Includes a bond-free tuition fee sponsorship and notebook allowance
- Participation in the SP Outstanding Talent (SPOT) programme



SP Arts Scholarship

- Open to students who excel in music and arts at the national or combined schools or higher level



SP Sports Scholarship

- Open to students who excel in sports at the national or combined schools or higher level



More Scholarships!

Besides SP scholarships, there are many other scholarships and awards schemes offered by external organisations that you can apply for.



WHAT'S NEXT AFTER SP

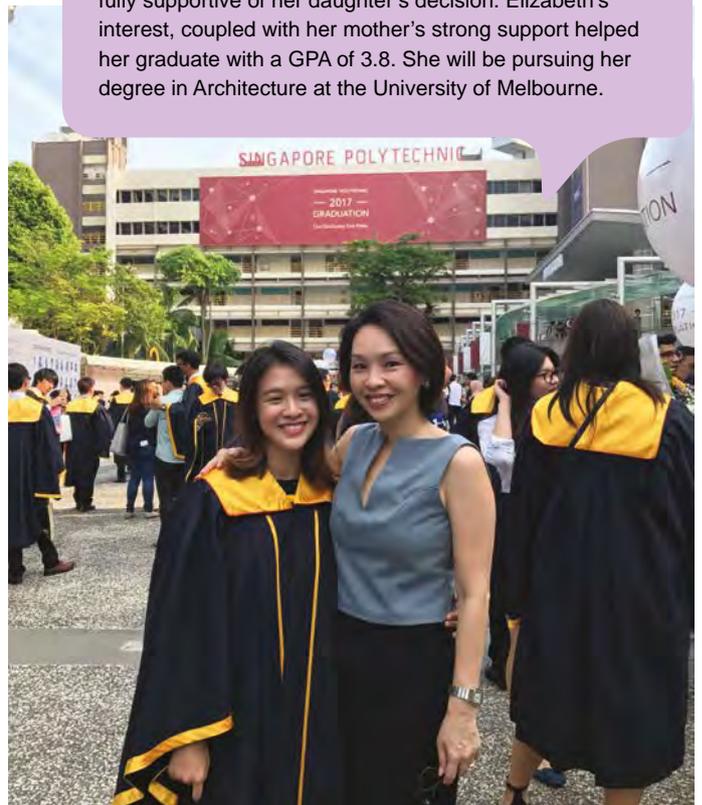
UNIVERSITY AFTER SP

An SP diploma arms students with the relevant skills and knowledge for the next stage of their lives. Many of our students go on to excel in their chosen field, be it joining the working world or pursuing further studies.

We're proud to say that our graduates dream big and achieve great things. Here are our alumni Chernis Low, and siblings Leong Hei Mern and Hei Kern, who did us proud at the L'Oreal Brandstorm Competition 2017! They won the regionals and competed in the Finals in Paris with their innovative credit card-sized facial product! Chernis and Hei Mern were from the Diploma in Perfumery and Cosmetic Science (DPCS), and Hei Kern was from the Diploma in Mechanical Engineering (DME). Hei Mern, who won the Young Cosmetic Scientist Award 2016 during her time in SP, is now studying at NUS. Hei Kern is currently pursuing his degree in SUTD and Chernis is studying chemistry and biological chemistry in NTU.



Elizabeth Barber has always held an interest in the arts and chose to enrol in SP's Diploma in Architecture (DARCH). Her mother, KISS 92 DJ Maddy Barber, was fully supportive of her daughter's decision. Elizabeth's interest, coupled with her mother's strong support helped her graduate with a GPA of 3.8. She will be pursuing her degree in Architecture at the University of Melbourne.



Over the years, twenty-seven alumni from SP's School of Chemical and Life Sciences (CLS) have been accepted into NUS Yong Loo Lin School of Medicine and NTU Lee Kong Chian School of Medicine. SP alumni have also gone on to read dentistry and pharmacy at universities, locally and abroad.

CAREER AFTER SP



Having dyslexia did not stop **Diploma in Landscape in Architecture (DLA)** student, Mohamad Arif Bin Mohamad Azmi from pursuing excellence in his work. His Final Year Project, titled 'Life's Synthesis', was among one of the masterplans, in collaboration with the Urban Redevelopment Authority (URA), to enhance the landscape of the Rail Corridor. Arif is currently working at EM Services Pte Ltd as a horticulture officer for Sembawang Town Council. He hopes to be able to become a full-fledged landscape architect or arborist!



Passionate about writing and storytelling in secondary school, Esther Tan knew that SP's **Diploma in Creative Writing for TV and New Media (DTVM)** was her dream course. She bloomed as a writer in SP. Her documentary 'Heartware', which explores Singapore's aging population, was nominated for various categories at the National Youth Film Awards. Esther went on to intern at Big3 Media and her work shone through, leading her to secure a full-time position with the company. She hopes to accumulate hands-on experience in the media industry before furthering her studies!

FINANCIAL ASSISTANCE @ SP

You can also get more information on SP courses, entry requirements, scholarships, financial schemes, careers and job vacancies from the Student Service Centre at SP.

Your role as an SP student is to study hard and enjoy the SP experience through participation in CCAs or other programmes. Don't be troubled over payment of school fees and schooling expenses. There are various forms of financial assistance schemes that you can apply for. These include the following:

Schemes to help pay tuition fees:

● Mendaki Tertiary Tuition Fee Subsidy

This Scheme, funded by the Singapore Government and managed by MENDAKI, aims to support and help Malay students complete their tertiary education.

● CPF-Approved Education Scheme

Students may apply for a loan from your own or your parent's CPF savings to pay the tuition fees. Deadline is at the beginning of each semester.

● Tuition Fee Loan

SP offers a government-funded interest-free education loan to Singaporeans, Permanent Residents and foreign students studying in SP. Under this scheme, students can take up a loan of up to 75% of the tuition fees payable. Students can go to any DBS bank with a guarantor to apply for this loan scheme.

● Post Secondary Education Account (PSEA)

Funds left in Edusave accounts are transferred to PSEA when the student is 16 years old or when he/she leaves Secondary School/Junior College. This fund can be used to pay the fees in SP.

Schemes to help pay for tuition fees or living expenses:

● SP Donors-Sponsored Scholarship/ Bursary

Each year, hundreds of scholarships and bursaries are given out through this scheme funded by donations from organisations and individuals. Selections are based on donors' criteria (which may include nationality, course, academic performance, financial circumstances, etc).

Award: \$1,000- \$3,000 per year

● CDC/CCC-Polytechnic Bursary

A government-funded bursary for Singaporean students.

Award: \$2,000 per year

● MOE Bursary

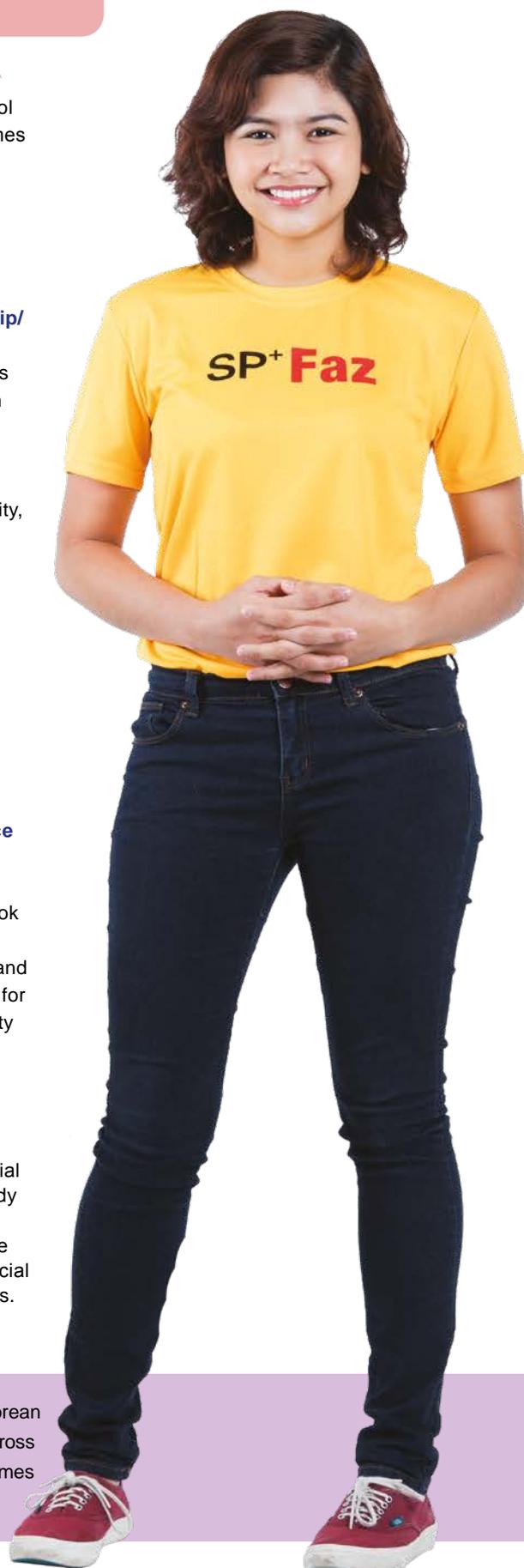
A government-funded bursary for Singaporean students.

● Notebook PC Financial Assistance Schemes

Receive a reimbursement of up to \$800 for your purchase of a notebook PC by applying for the Notebook Subsidy. For highly subsidised PC and /or Broadband, students may apply for the Infocomm Development Authority of Singapore (IDA) PC-Bundle Scheme.

● SP Needy Fund / School Needy Fund

Students encountering acute financial hardship may apply for the SP Needy Fund. The School Needy Fund is another financial assistance scheme to help students with pressing financial needs not met by the other schemes.



You can apply for a combination of the above schemes that are open to full-time Singaporean students. Each scheme comes with varying conditions for application, such as monthly gross household income or monthly household Per Capita Income. More details on these schemes and application procedures are available at www.sp.edu.sg/financialassistance.

ACADEMIC CALENDAR

For AY 2018/2019

Orientation Week
(for first-year students only) **9.4.2018 – 13.4.2018** **1 week**

Semester I
Term 1 **16.4.2018 - 1.6.2018** **7 weeks**

(Mid-Semester Test) 28.5.2018 – 1.6.2018* 1 week

Vacation 2.6.2018 - 24.6.2018 3 weeks

Term 2 **25.6.2018 - 17.8.2018** **8 weeks**

Exam Week 20.8.2018 - 31.8.2018** 2 weeks

Vacation 1.9.2018 - 14.10.2018 6 weeks

Semester II
Term 3 **15.10.2018 – 7.12.2018** **8 weeks**

(Mid-Semester Test) 3.12.2018 – 7.12.2018 1 week

Vacation 8.12.2018 - 1.1.2019*** 3 weeks

Term 4 **2.1.2019 – 15.2.2019** **7 weeks**

Exam Week 18.2.2019 - 1.3.2019 2 weeks

Vacation 2.3.2019 - 14.4.2019 6 weeks

* Vesak Day (29 May 2018)

** Hari Raya Haji (22 August 2018)

*** New Year's Day (1 January 2019)

Vacation – Subject to any polytechnic activities, e.g. internship



DIRECTIONS TO SP



BY MRT: Simply alight at EW22-Dover
SP is the only polytechnic with an MRT station right at its doorstep



BY BUS:
To Commonwealth Avenue West
you can take bus numbers:
14, 74, 74e, 105, 106, 147, 166, 185, NR5, NR8

To Dover Road and Dover Avenue
you can take bus numbers:
14, 33, 74, 166, 196

Tuition Fees per Year for Students Admitted in Academic Year 2018/2019*

Singaporeans	\$2,700
PRs	\$5,400
Foreign students	\$9,600

* Subject to revision

Financial assistance schemes such as scholarships, bursaries, tuition grant schemes, tuition fee loan schemes, study aids, Mendaki tuition fee subsidies, etc. are available to full-time students. Students can visit the Department of Student Services at T16 Level 1 or call 6775 1133 to make an appointment to see the officer-in-charge of financial assistance. No student will be denied an SP education because of financial difficulties.

- Architecture (S66)
- Civil Engineering with Business (S68)
- Facilities Management (S95)
- Integrated Events & Project Management (S50)
- Landscape Architecture (S94)

I CAN.... CREATE A **SUSTAINABLE FUTURE**

At the School of Architecture & the Built Environment (ABE), you can transform spaces. You 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 a sustainable environment. Be it buildings, structures, landscapes, hotels or events, you are able to enhance users' experience with creative solutions.

When you graduate, you will take on the world with your passion. You can create the sustainable future you dream 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 our students with a global mindset.

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

SP+ **NUR ZHAFARINA**

Diploma in
Architecture

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

School of Architecture & The Built Environment Tel: (65) 6775-1133 Fax: (65) 6772-1973 Email: contactus@sp.edu.sg www.sp.edu.sg/abe

DIPLOMA IN ARCHITECTURE

DARCH
S66



I BELIEVE

"The best thing about my course is the freedom to explore and learn from our mistakes. Through the course work, we can build on, correct and perfect our designs. I learnt a lot not only from my lecturers but also from my peers. We increasingly sought opinions, ideas and critiques from each other to build up our confidence in design and appreciate Architecture at a deeper and more meaningful level. The lecturers are experienced and dedicated in imparting the relevant skills to us. Their passion has influenced us to love what we study and do in this field."

- **GAN CHIEN HUEY**, DARCH Gold Medallist, Class of 2015, who is now pursuing her Masters in Architecture at National University of Singapore



Are you passionate about architecture? Have you found yourself stopping to admire and guess how skyscrapers, museums and bungalows were designed? Do you have a dream of impacting the way people live, breathe and interact with the spaces they fill? If you do, then unlock your talents here at DARCH, Singapore's first (and only) full-fledged architecture diploma.

At DARCH, we believe that anyone and everyone can be trained in architecture. Anyone who enters the course will be equipped with essential skillsets to one day fully realise your ambition of contributing to the architectural and design industries. The unique pedagogy in place will aid in your holistic development 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.

Course Highlights

- ▶ Hands-on design studio sessions that focus on critical and creative thinking
- ▶ Teaching through design projects, out-of-classroom site visits and sketching classes
- ▶ archiLAB, our student-centric agency, provides opportunities for you to participate in:
 - projects with real-life clients (which include MNCs and government agencies)
 - workshops with visiting professors from top architectural local and overseas universities
 - local and international competitions
- ▶ Overseas study trips
- ▶ Student exchange programmes (e.g. City University of Hong Kong and SUTD)

Scholarships Available

- BCA-Industry Scholarship / Sponsorship
- Kumpulan Scholarship
- LOOK Architects Design Award
- School of Architecture & the Built Environment Scholarship
- URA Award

CAREER OPTIONS

You could:

- Be an **Architectural Assistant** to support in design, development, documentation and presentation; or
- Be an **Architectural Technologist** to assist in technical aspects supporting micro design and detailing; or
- Be an **Architectural Coordinator** on building sites; or
- **Specialise in niche architectural areas** such as BIM, computational parametric design, sustainability or graphic visualization, leading to opportunities to take up senior or director positions in design, technical or project management within architectural firms; or
- Branch into **architectural or the built environment related careers**, such as construction management, building materials / finishes or architectural products specialists, and developing visualization or graphics skills for 3D animation and other creative services.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects	1 - 6

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

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

FURTHER STUDIES

Our students have received scholarships from organisations like Urban Redevelopment Authority and Far East Organization to study architecture at the National University of Singapore (NUS) and Singapore University of Technology and Design (SUTD). Our graduates have also continued their education at top universities around the world, including Royal Melbourne Institute of Technology (RMIT) University in Australia, Architecture Association (AA), The Bartlett (UCL) and Glasgow in UK, and Southern California Institute of Architecture (SCI-Arc) in the United States. The strength of your SP DARCH diploma will get you module exemptions and advanced standing in foreign universities.

DIPLOMA IN CIVIL ENGINEERING WITH BUSINESS

**DCEB
S68**

The Diploma in Civil Engineering with Business (DCEB) 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 is within the context of a business environment since a successful technologist or engineer should also possess good business sense. Our graduates build the world, literally speaking. They support civil engineers in the analysis, design, construction, upgrading and maintenance of all forms of infrastructure for better quality of life and sustainable economy.

Course Highlights

- ▶ Conceive-Design-Implement-Operate (CDIO) framework that prepares you to be life-ready, work-ready and world-ready
- ▶ Take part in competitions, seminars, overseas community service projects, study trips and humanitarian missions
- ▶ With both technical skills and strong business fundamentals, you will have a competitive edge

Scholarships Available

- SP Engineering Scholarship
- School of Architecture & the Built Environment Scholarship
- Yongnam Scholarship
- Singapore Structural Steel Society Scholarship
- BCA – Industry Scholarship / Sponsorship
- Yogarajah Scholarship and Bursary Fund
- Sarojini Devi Award
- LTA Engineering Award
- American Concrete Institute – Singapore Chapter Scholarship



I BELIEVE

SP has a wonderful and established ABE teaching team. The lecturers are dedicated and keep us thinking about how civil engineering is being applied to a real-life design. My knowledge from civil engineering helped me in the construction of a wooden jetty in an Indonesian village and an in-situ courtyard for a primary school in rural Vietnam. The internship programme broadens our exposure in civil engineering and expands our knowledge beyond our syllabus.”

- **Jonathan Peh Zhuang Sheng**, DCEB Gold Medallist and Lee Kuan Yew Award winner, class of 2015, who plans to pursue an overseas degree under the prestigious Land Transport Authority's Local / Overseas Undergraduate Scholarship

CAREER OPTIONS

- Technical Executive
- Assistant Engineer
- Assistant Project Manager
- Site Supervisor
- BIM Specialist
- Building Construction Safety Supervisor
- Resident Technical Officer
- Marketing Sales Executive
- CAD Engineer

FURTHER STUDIES

With your SP diploma, you can gain direct entry into the second year of civil engineering degree courses at the Nanyang Technological University or National University of Singapore as well as a Civil Engineering degree at Singapore Institute of Technology (SIT). Or you can pursue a degree in Building & Project Management at the Singapore University of Social Sciences (SUSS) or a related degree in two years from Australian and British universities.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 19 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

DIPLOMA IN FACILITIES MANAGEMENT

DFM
S95



I BELIEVE

"My course has equipped me with industry relevant skills and I was able to apply them during my 22-week internship with CapitaLand Limited. My role as an intern has taught me how to solve problems and mitigate difficult situations. I also liked how I have gained soft skills such as managing customers and developing empathy."
- **CHONG SUI JEEN**, DHLFM (now known as DFM) Gold Medallist, Class of 2017, who is now pursuing Bachelor of Science (Project and Facilities Management) at NUS.

If your passion is in managing multi-million dollar properties and people, 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 for its intended purpose. The demand for facilities management services has grown exponentially, with the growing demand for building and infrastructure development and increased emphasis for cost-efficient and greener buildings. This course prepares you for an exciting facilities management career 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 Manager
- bizSAFE Level 2 (Risk Management)
- Supervise Construction Work for WSH

Course Highlights

Authentic learning through:

- ▶ Out-of-classroom projects and site visits
- ▶ 22-week Enhanced Internship Programme with reputable organisations
- ▶ Industry-linked projects
- ▶ Study trips

Scholarships Available

- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship
- SP Scholarship

CAREER OPTIONS

- Property Executive
- Facilities Executive
- Managing Agent
- Building Executive
- Project Coordinator
- Contracts / Procurement Executive
- Operations Executive
- Strata Executive
- Customer Service Executive
- Safety & Security Officer
- Fire Safety Manager

FURTHER STUDIES

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6

- Art / Art & Design *
- Biology
- Biotechnology
- Chemistry
- Computer Studies
- Design & Technology
- Design Studies *

- Fundamentals of Electronic
- Higher Art *
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

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

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

DIPLOMA IN INTEGRATED EVENTS & PROJECT MANAGEMENT

DEPM
S50



I BELIEVE

"Studying in the Integrated Events and Project Management course in SP allowed me to gain much exposure, experience, and self-realization of my potential to plan, organize and create events as small as the Alumni Homecoming to as big as the Singapore Polytechnic Open House which garnered over 31,000 visitors. Opportunities such as competing in Taiwan for the MICE Destination Marketing Contest in 2016 and being involved in numerous events allowed me to experience first-hand what goes into creating events and allowed me to meet and network with amazing people and partners. I truly believe that through my journey in SP, I have become well equipped with knowledge and both soft and technical skills to continue my next step in both university studies and the workplace."

- **MUHAMMAD ALFIZ BIN KAMBALI**,
DEPM Gold Medallist and Tay Eng Soon Gold Medallist, Class of 2017.

It's never a dull day in the life of an event or project manager. The Diploma in Integrated Events & Project Management (DEPM) course trains you to be a professional in the rapidly growing events industry which grossed more than \$3 billion in revenue in recent years. You are given authentic experiences through opportunities to conceptualise, plan and execute live events with our various industry partners.

- ▶ Industry-linked projects such as National Achievers Congress, Anti-Drug Abuse Campaign, Halloween @ Toa Payoh Central Community Club and Olympic Day Celebrations.
- ▶ 22-week Enhanced Internship Programme with overseas exposure opportunities
- ▶ Site visits and overseas trips

Course Highlights

Authentic learning through planning and managing:

- ▶ School events

Scholarships Available

- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship
- SP Scholarships

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
<ul style="list-style-type: none"> ● Art / Art & Design * ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology ● Design Studies * 	<ul style="list-style-type: none"> ● Fundamentals of Electronic ● Higher Art * ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

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

- | | |
|---|--|
| <ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Creative 3D Animation ● Design & Technology | <ul style="list-style-type: none"> ● Food & Nutrition ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry) |
|---|--|

CAREER OPTIONS

- Event Manager / Executive
- Operations / Project Manager / Executive
- Client Experience Manager / Executive
- Event Marketing & Sales Manager / Executive
- Conference Manager / Executive
- Exhibition Manager / Executive
- Sponsorship Sales Manager / Executive

FURTHER STUDIES

You can gain entry to a relevant degree course in local and overseas universities. Among others, we have graduates pursuing degrees in Events & Facilities Management, Hospitality Business (Events), Business, Economics, and Project & Facilities Management. The strength of your SP DEPM diploma will get you module exemptions and advanced standing in established foreign universities.

DIPLOMA IN LANDSCAPE ARCHITECTURE

DLA
S94

Landscape architects design and enhance our environment and surrounding spaces with fresh perspectives. It's a design discipline that is concerned with the quality of our surrounding environment and spaces.

The Diploma in Landscape Architecture (DLA) course prepares you to become a landscape designer who will be able to assist in transforming our world into a conducive, interactive, educational and experiential place. It involves the study of existing social, ecological, and geological conditions and processes in the environment, and the responses needed to achieve the desired landscape (indoor / outdoor) space design.



Course Highlights

- ▶ Dynamic, project-based learning that develops investigative, analytical and open-minded thinking skills for application to landscape design
- ▶ Personalised consultations with tutors in design studios
- ▶ Three-month structured / enhanced internship programme with private companies and key players like National Parks Board
- ▶ Collaborative learning approach which allows you to learn about other disciplines such as water technology and architecture
- ▶ Exploring the use of Plant Palette as materials for Spatial Design Proposal
- ▶ Simulation of Real Landscape Firm Operation / Processes – Client > Research > Design Proposal > Presentation > Documentation

- ▶ Case studies & site visits as part of outdoor activities

Scholarships Available

- Singapore Garden Society Scholarship / Sponsorship
- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship

CAREER OPTIONS

- Landscape Architect Assistant
- Landscape Designer
- Landscape Contractor
- Parks & Recreation Officer
- Town Council Estate Officer
- Landscape Product Specialist

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 18 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects	1 - 6

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

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



I BELIEVE

"The Diploma in Landscape Architecture's unique personalised consultations with tutors in design studios have always been an intriguing approach to learning for me. DLA has transformed me to be competent in not just the design and theory but in the management, practice and technicality of landscape architecture. The DLA programme emphasises on the integrated design approach to landscape architecture with a good balance between horticulture and ecological awareness. Now, I will be heading straight to the industry to further explore the world of landscape before pursuing a landscape architecture degree in Australia."

- **INDRA FARIDZUAN BIN RUNZI**,
DLA Gold Medallist and Tan Kay Yong Gold Medal winner, Class of 2014, who plans to pursue an overseas degree after national service

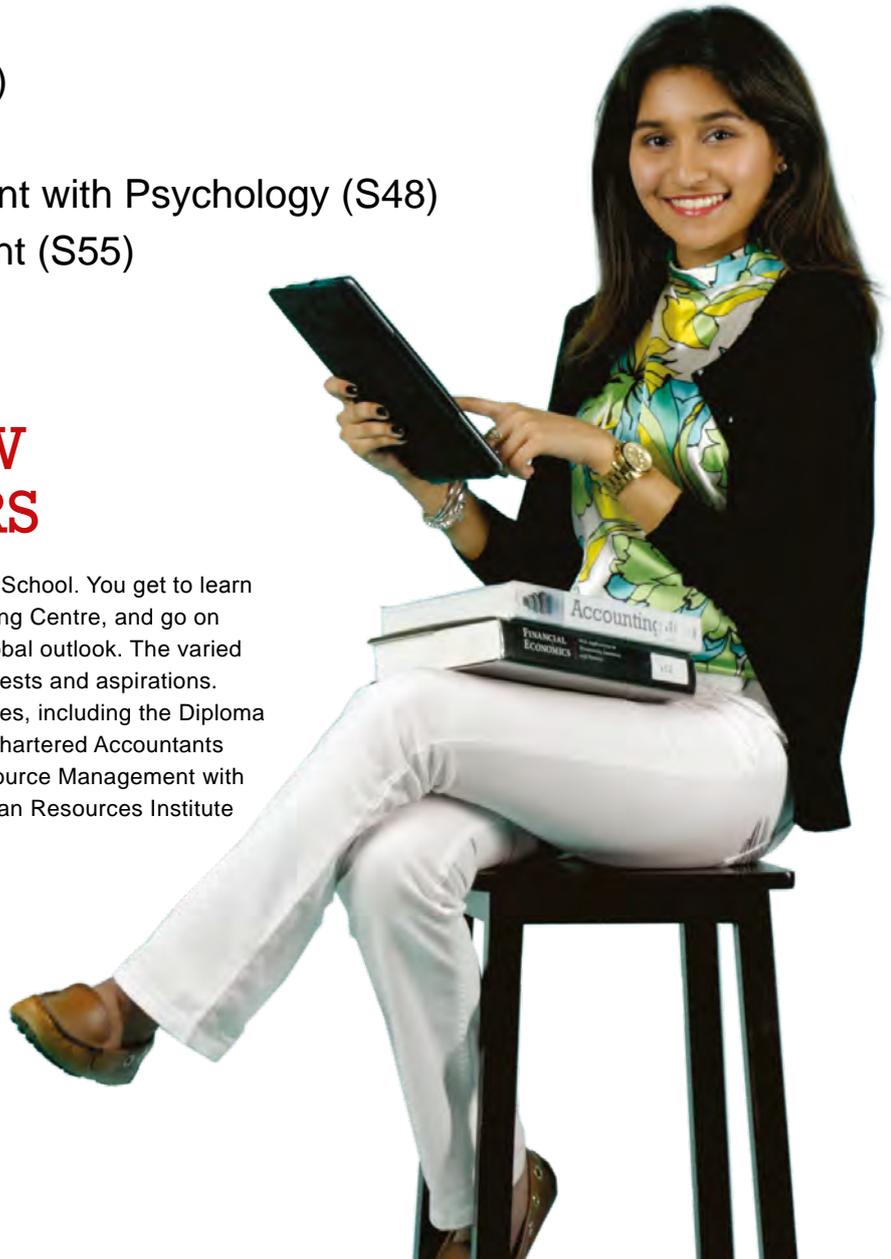
FURTHER STUDIES

You can gain direct entry into first or second year of landscape or architectural degree courses at local and overseas universities.

- Accountancy (S75)
- Banking & Finance (S76)
- Business Administration (S71)
- Financial Informatics (S46)
- Human Resource Management with Psychology (S48)
- Tourism & Resort Management (S55)

I CAN.... VENTURE INTO NEW BUSINESS FRONTIERS

You can venture and find your success in the Business School. You get to learn in unique facilities such as the UOB Kay Hian-SP Dealing Centre, and go on overseas study trips and internships to expand your global outlook. The varied courses allow you to choose a path that suits your interests and aspirations. Many courses are also recognised by professional bodies, including the Diploma in Accountancy which is accredited by the Institute of Chartered Accountants in England and Wales, and the Diploma in Human Resource Management with Psychology which is recognised by the Singapore Human Resources Institute and the Institute for Human Resource Professionals.



SP+HENNA

Diploma in
Banking and Finance

WHY SP BUSINESS SCHOOL?

SP Business School provides you with:

- Firm foundation in business competencies
- Immersion in the world of Business
- Right attributes to succeed
- Selection of choice courses
- Track record and reputation built up by our successful graduates



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

SP Business School Tel: (65) 6775-1133 Fax: (65) 6772-1952 Email: contactus@sp.edu.sg www.sp.edu.sg/sb

DIPLOMA IN ACCOUNTANCY

DAC
S75



If you have set your heart and mind on a career that involves public or corporate accounting, consulting or financial services, choosing the Diploma in Accountancy (DAC) will pave the way to your success! No business can thrive without a team of competent accounting and finance professionals. Pursuing a Diploma in Accountancy is the first step you can take towards becoming an accounting professional or a Chartered Accountant (CA). Furthermore, with the government's commitment to promote Singapore as a financial hub, accounting and finance professionals are in high demand to keep up with our country's growing economy. The DAC equips you with leadership skills, critical thinking skills and a strong sense of social responsibility, which are essential for you to become an exemplary leader in the future.

Experience an Exciting Learning Journey

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

In the DAC, ample opportunities are available for you to gain deeper insights and greater exposure to businesses. You can look forward to overseas programmes, community service projects and networking sessions which open doors for you to gain contacts and develop skills for your future career in the accounting world.

Our unique and interactive pedagogies through simulated cases, flipped classroom and team-based learning allow you to acquire key technical skills and essential soft-skills such as communication, teamwork, problem-solving and life-long learning skills. You will also have the flexibility to choose from various electives to further broaden and deepen your knowledge and skills. In the final year of study, you will undergo a 22-week practice industry work experience through local and overseas internships with our reputable and varied industry partners.

Enjoy Strong Industry Support

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

You will also receive generous exemptions from the abovementioned professional bodies should you wish to further your studies with them.

There are also numerous networking and skills development sessions for you to meet with industry practitioners. These collaborations open up many doors for you to develop professionally on an accelerated basis.



I BELIEVE

"DAC has a dedicated team of lecturers who are always innovating teaching content and the delivery of lessons. With flipped classroom, online teaching tools and incorporation of real-life corporate case studies into lessons, concepts were easier to understand and more applicable in real life.

Other than technical capability, DAC plays a huge role in preparing students for the working world with industry networking sessions, internship opportunities and talks given by industry partners and alumni.

Lastly, the collaborative learning environment helps to forge stronger bonds among students and makes learning more vibrant! I am proud to be part of this awesome family!"

- **PHILBERT LIM SIN PING**,
DAC Gold Medallist and Class of 2016.

CAREER OPTIONS

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

- Accountancy
- Auditing
- Banking
- Finance
- Taxation

FURTHER STUDIES

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

You will also receive generous exemptions from professional bodies such as the Institute of Chartered Accountants in England and Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA) should you wish to further your studies with them.

Should you choose to start working after your diploma, you may wish to pursue the part-time Specialist Diploma in Professional Accounting offered by SP to deepen your knowledge and prepare yourself for higher appointments in professional accounting. The Specialist Diploma also equips students with the relevant technical knowledge to seek external certifications with the professional bodies and work towards becoming a Chartered Accountant. You may also consider the Advanced Diploma in Accountancy offered under the SkillsFuture's Earn and Learn Programme (ELP) to progress to the Singapore CA Programme to attain the Chartered Accountant of Singapore designation.

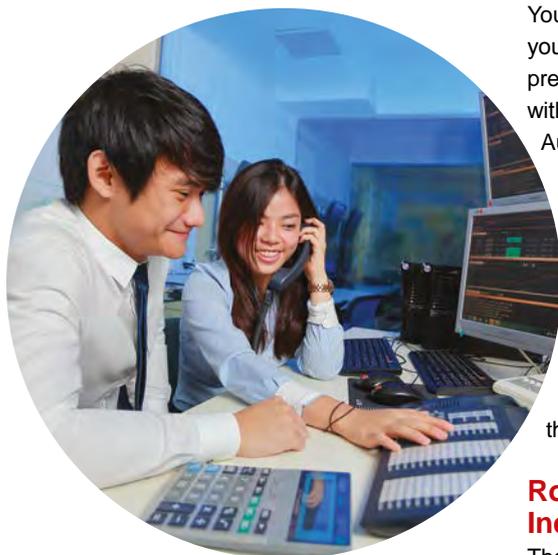
ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-B

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 6
c) Any three other subjects	1 - 6

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

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



If you have the desire to excel in the financial sector and acquire specialist knowledge and skills related to banking, monetary and financial operations, the Diploma in Banking and Finance (DBKF) course is your perfect choice. DBKF gives you a head start in being a **responsible and insightful wealth creator**.

Experiential “Hands On Learning” Journey

The programme will develop you to be **future finance professionals** with the mastery of both theory and skillsets that are needed to navigate the evolving world of finance.

“Hands-on learning” is fundamental to the DBKF experience. There will be opportunities for you to acquire real-life experience through a variety of local and overseas programmes. Beyond the technical competencies, future skills such as Financial Technology (FinTech) and Data Analytics are embedded in the programme.

You will go on a 22-week internship in your final year. Depending on your career preference, you may choose an internship with financial institutions, such as Monetary Authority of Singapore, HSBC, OCBC, DBS and other leading organisations. Beyond the classroom, you have the opportunity to work on industry/data analytic projects, excel in competitions, network at seminars and during job shadowing, go on field trips and volunteer for overseas social innovation projects that let you have an impact on the wider world.

Robust Curriculum with Industry Support

The 3-year full-time DBKF programme, designed in consultation with the banking and finance industry, builds upon 3 pillars crucial to the finance industry – namely, (1) Corporate and Wealth Advisory, (2) Risk and Compliance, and (3) Financial Management.

The DBKF course is guided by 3 main pillars:

1) Corporate and Wealth Advisory

Solid knowledge of financial products and risks to provide customer-centric solutions.

2) Risk and Compliance

Equipped with crucial knowledge of regulatory compliance and risk monitoring to ensure sound financial business practices and sustainable business models.

(3) Financial Management

Equipped with skills in financial management, encompassing but not limited to interpreting financial statements, analysing financial ratios, budgeting, managing working capital, preparing financial projections, and implementing basic hedging strategies.



I BELIEVE

“SP has been integral in transforming my education. In SP, I didn’t just learn to be better at my trade. I was given great opportunities to explore beyond my field of study and develop skills that made me ready for working life and further education. The dedicated lecturers at SP are also genuinely concerned for my well-being beyond academic success. This is the place to learn how to be a world-ready leader.”

- **LEONG BOON HUAT**, DBKF Gold Medallist, Class of 2017

CAREER OPTIONS

DBKF graduates can attain fulfilling careers in areas such as:

- Credit and Marketing
- Fund Management
- Operations
- Private Banking
- Regulatory Compliance and Operations
- Research
- Retail and Corporate Banking
- Risk and Compliance
- Sales and Marketing
- Trade Finance
- Treasury / Investment
- Wealth Advisory / Financial Planning

FURTHER STUDIES

DBKF graduates can also work in the finance department of any company. Almost 90% of DBKF graduates found jobs, 3 months after graduation last year, according to the Graduate Employment Survey 2016. More than 80% of these graduates found permanent jobs related to their field of study. If you are interested in further studies, the DBKF course is recognised by leading financial institutions, reputable universities and professional bodies.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-B

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 6
c) Any three other subjects	1 - 6

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

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

DIPLOMA IN BUSINESS ADMINISTRATION

DBA
S71

Set yourself up for a challenging career in business! Step into the world of business, ready and able to contribute! Sharpen your mind to deal with tough situations and find the best way out! The Diploma in Business Administration (DBA) is designed to prepare you for an exciting career by providing you with the essential knowledge, skills, practices and insights that will enable you to effectively deal with the complexities of today's global business environment. DBA develops thoughtful leaders, entrepreneurs and industry captains who create value for their organisations and their communities.

Experience an Exciting Learning Journey

We aim to bring you beyond textbooks and classrooms to broaden your learning experiences! We provide innovative venues and platforms for you to learn, such as our simulated workplace teaching facilities, Thinkcubators and the Enterprise Hub.

In your first year, you will build a strong foundation in business studies taught through engaging pedagogies such as design thinking and case-based analysis. At the end of your first year, you will have the freedom to choose from three options, each dealing with a broad base of industries. In your second year, you will deepen your skills and expertise in your chosen area whilst enhancing your business fundamentals and developing sought-after skills in business analytics, financial analysis and management, business operations and design thinking. Your third year is when you thrive. You will work on applied industry projects and

embark on exciting internships with our industry partners who are passionate about grooming talent.

Enjoy Strong Industry Support

We have partnered with a select group of industry partners and alliances to enable you to be work ready! Our DBA students have worked with our esteemed industry partners such as The Mentholatum Company, NETS Singapore, Mandom Corporation (Gatsby), Mott's Snapple International, The Neo Garden Group, and many more in projects. These projects in their curriculum will help students in applying knowledge and learning to real-life business projects. Furthermore, field trips, guest-speaker series and seminars with industry experts will give professional insights on industry trends and developments.



I BELIEVE

"DBA provides students with the perfect avenue to discover their interests. In the second year of studies, besides gaining more in-depth business fundamentals, students will start specialising in their chosen option – be it Marketing, Operations or Entrepreneurship. In the final year of studies, we gain practical skills and industry insights through working on our final year projects and internships. DBA gave me the skills and attitude necessary to become an adept individual in today's business environment."

- **LAURA ANNE LAU**, DBA Gold Medallist, Class of 2016, who is currently a Lee Kong Chian Scholar at the Singapore Management University

CAREER OPTIONS

The skills gained upon completion of DBA will allow you to develop in your career. Many career opportunities await you! With the advantage of a broad-based curriculum, DBA prepares you for exciting careers in business which may stretch across any sector or industry. Your career options are therefore boundless. Jobs directly related to your diploma include:

- Business Development
- Marketing
- Operations Management
- Logistics and Supply Chain Management

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-B

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 6
c) Any three other subjects	1 - 6

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

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

FURTHER STUDIES

You can apply for further studies with local or foreign universities. Enjoy generous advanced standing with foreign universities where you can enrol in the second year of various degree programmes. Many of our DBA graduates have clinched scholarships to pursue business-related degrees in local and foreign universities.



“Want to understand the ups-and-downs of operating a company or a bank? Want to make sense of all sorts of business data and draw powerful insights?”

Join the Diploma in Financial Informatics (DFI)! DFI prepares you for exciting and rewarding careers in risk management and business analytics, which are professions in high demand. DFI also develops your expertise in financial intelligence and extends your analytics skillsets to embrace the multi-disciplinary real-life working environment.

Experience an Exciting Learning Journey

Various bonding events await you as you kick off your journey with DFI! The course embraces active-learning and we believe that hands-on learning and out of-classroom experiences create an

exciting learning journey. Among many others are the Fintech experiential trips, global immersion programmes and client-based business analytics projects. You will gain exposure to global financial markets through authentic learning experiences at Financial Informatics Lifelong Learning Space (FILLS). You will certainly be excited to gain first-hand experience with the latest industry analytics tools.

Enjoy Strong Industry Support

You will benefit from DFI's strong partnership with the industry by getting excellent internships and industry mentorship from client-based projects. We have worked with clients such as OCBC, DBS and Keppel that will hone your core competencies and work skills. There are also plenty of opportunities to network and get connected from the many industry networking sessions and forums!



I BELIEVE

“I benefited most from DFI's versatile curriculum that really widened my choices for further studies and career options. Now that I have gone through my polytechnic internship and have entered university, I realise that the modules that I have taken, such as Risk Management and Business Analytics, are very relevant and useful! I have many options to choose from for my specialisation as well. I also like the opportunity to experience new things, such as overseas programmes that truly shaped my perspective. Thumbs up DFI!”

- **YANG ZIHUI**, DFI Gold Medallist, Class of 2016

CAREER OPTIONS

As Singapore positions itself as an international financial centre and analytics hub, an array of promising career opportunities awaits DFI graduates! DFI graduates will be able to select their preferred career options in the areas of:

- Analytics & Business Intelligence
- Financial Management
- Product Control & Compliance
- Project Management
- Risk Management & Assessment
- Technology & Operations

FURTHER STUDIES

DFI graduates can pursue further studies in a spectrum of disciplines in Business Administration, Finance, Accounting, Quantitative Finance, Business Analytics and Information System.

In addition, DFI graduates will gain partnership and accreditation advantages from local and foreign universities; and also professional bodies such as Institute of Chartered Accountants in England and Wales (ICAEW) and Association of Chartered Certified Accountants (ACCA).

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects	1 - 6

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

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

DIPLOMA IN HUMAN RESOURCE MANAGEMENT WITH PSYCHOLOGY

DHRMP
\$48



I BELIEVE

"My three year journey in SP's DHRMP has been absolutely amazing. The lecturers have been very dedicated in imparting their knowledge – they are always there for us, providing necessary guidance and help, while empowering us to take charge of our own learning at the same time. The course provides us with the relevant exposure and trains us to be industry-ready, so that we can apply what we have learnt during our internship stint. This course has also equipped us with essential practical skills which can be put to good use in the corporate world, like being able to work well in teams. Overall, it has been a really inspiring three years for me, in which I have been able to realise my potential. I am really proud to be part of SP's DHRMP family!"

- **PRISCILLA BEE**, DHRMP Gold Medallist, Class of 2017



Be Inspirational Be Motivational

Would you like to make a tangible impact in your company by harnessing the power of human capital? Would you like to use your knowledge of psychology to enhance the effectiveness of both the individual and the organisation?

SP is the first polytechnic to offer a full-time Diploma in Human Resource Management with Psychology (DHRMP). Practical and applied areas of human resource (HR) management are combined with psychology to develop you into a successful HR professional for the global, fast-changing and complex business environment.

Experience an Exciting Learning Journey

SP's DHRMP course has infused Emotional Intelligence and Positive Psychology into the curriculum, equipping you with effective interpersonal skills. Our innovative and unique Human Resource Learning Studio provides you with a conducive environment to acquire HR-related skills in communication, presentation, interviewing, counselling and negotiation. Students also receive hands-on training throughout this highly engaging course, which culminate in

a final-year client-based project. With this comprehensive programme, SP's DHRMP students also consistently win top awards in national HR competitions. This learning journey is further enhanced through school-wide leadership programmes and overseas immersion experiences.

Enjoy Strong Industry Support

Singapore Polytechnic has been appointed as "Sector Lead" for HR among the polytechnics and the Institute of Technical Education (ITE). This further strengthens our relationships with the HR community. Industry collaborations such as industry talks and field trips provide first-hand experience on HR and how HR teams function.

You will also gain real-world experience through the 22-week internship with varied industry partners, and participate in HR events such as the Singapore HR Congress, HR Summit and Asia Pacific Federation of Human Resource Management Conference. Prestigious DHRMP scholarships from leading organisations are also offered to students with academic excellence, CCA achievements and exemplary conduct.

CAREER OPTIONS

Exciting job prospects await you in a wide spectrum of industries covering:

- Career Coaching
- Employee and Industrial Relations
- HR Business Partnering
- HR Technology
- Learning and Development
- Talent Management
- Talent Sourcing and Acquisition
- Total Rewards Management

FURTHER STUDIES

As SP's DHRMP graduate, you will receive generous advanced credit standing from reputable universities should you decide to further your studies. You could gain direct entry into the second year of a three-year degree programme at reputable foreign universities. Our DHRMP graduates have gained admission into prestigious local and overseas universities in Business (HRM), Psychology, Sociology and Social Work programmes.

If you choose to start your HR career after graduation, you could further deepen your learning through on-the-job work experiences, SkillsFuture's Earn and Learn Programme for HR, or SP's Specialist Diploma in Enhanced HR Skills. The Specialist Diploma is designed to support the Ministry of Manpower's direction in maximising people's potential, enhancing human capital development and raising the overall standards of the HR profession in Singapore.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-B

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 6
c) Any three other subjects	1 - 6

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

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

DIPLOMA IN TOURISM & RESORT MANAGEMENT

DTRM
S55



I BELIEVE

"Tourism is ever-changing and evolving. The best way to truly experience it is to be in the field and on the job. And that is exactly what SP's DTRM has provided me with."
- **LOW ZHENG MING**, DTRM Gold Medallist, Class of 2017

CAREER OPTIONS

Your career options include working in:

- Integrated Resorts
- Singapore Tourism Board
- Travel Agencies
- Tourist Attractions
- Hotels
- Airlines
- Spas
- Events Management companies
- Cruise Lines
- Service-related companies such as Call Centres and Customer Service

FURTHER STUDIES

You can pursue further studies at local or foreign universities.

Enter the exciting world of tourism and learn about the intricacies of this industry that celebrates service excellence and going the extra mile for guests. The Diploma in Tourism and Resort Management (DTRM) course will help you gain insights into how people from various cultures and traditions work hand in hand to exceed guests' expectations and to build guest loyalty.

- Travel agencies
- Airlines
- Events Management companies

You will also get a chance to meet major industry players and participate in exclusive events. Scholarships from the top companies in the industry such as Fairmont and Swissotel Hotels, Chan Brothers Travel and Marina Bay Sands are available.

Experience an Exciting Learning Journey

You will receive valuable real-life experience both from the perspectives of service providers and guests through the course's integrated applied learning approach, exciting study trips, regular field trips and experiential learning trips.

Enjoy Strong Industry Support

DTRM will help you build an industry network through a steady stream of local visits and guest speakers' engagements. Furthermore, you will be provided with real world experience through your internship at:

- International hotels
- Resorts
- Attractions

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-B

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 6
c) Any three other subjects	1 - 6

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

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

SEE FURTHER WITH **SP BUSINESS SCHOOL**

SP aims to nurture students into well-rounded individuals through learning both inside and outside the classroom. Business students are given opportunities to participate in local and overseas competitions and community services which provide them with different perspectives on life in and beyond Singapore.





- Applied Chemistry (S64)
- Biomedical Science (S98)
- Biotechnology (S72)
- Chemical Engineering (S70)
- Food Science & Technology (S47)
- Nutrition, Health and Wellness (S44)
- Optometry (S67)
- Perfumery & Cosmetic Science (S38)

I CAN.... ENHANCE THE QUALITY OF LIFE

At the School of Chemical & Life Sciences (CLS), you can unlock the mysteries of science and create wonders to better life. The 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.

SP+ SITTI NURARFAZIRAH

Diploma in
Biomedical Science

In CLS, we pride ourselves on optimising the human factor.

Our lecturers are well trained in teaching pedagogies and richly experienced in their respective fields. Most importantly, they are passionate in their shared purpose to mould you into competent adults ready for the world.

We have graduates who are now award-winning scientists and others who are doing their PhDs.

Our graduates have also been admitted to study chemical engineering, chemistry, dentistry, life sciences, medicine and pharmacy at various universities, both locally and overseas. Our graduates do not just excel in the academic field. Some have gone on to become successful entrepreneurs, having benefitted from being exposed to numerous industry-related projects and collaborations during their studies.

Do not simply take our word for it. Read on to find out exactly what our graduates think of our courses and lecturers.

**WHY
CLS?**

DIPLOMA IN APPLIED CHEMISTRY

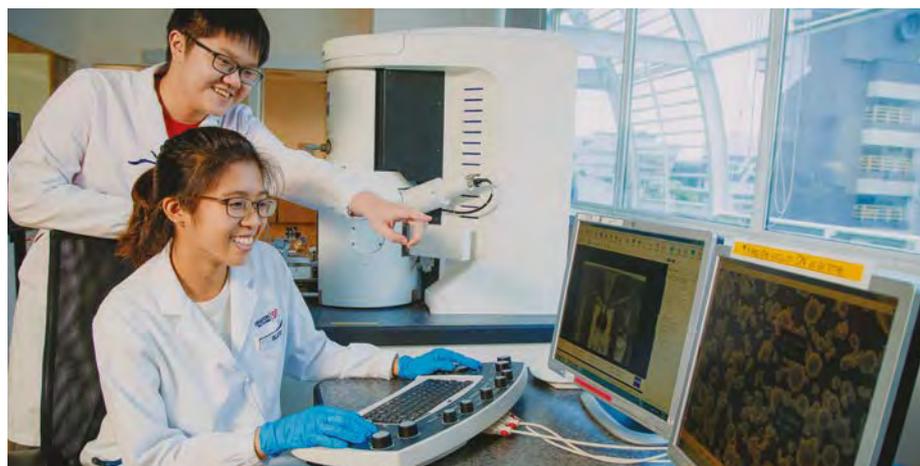
DAPC
S64



I BELIEVE

"I have always been intrigued by the mysterious and captivating properties of materials. This course has benefited me a lot and it provided the answers to the mysteries behind the different materials and how they are applied to improve lives. The interesting learning journey has helped to develop both my technical competency and my outlook for the future. We owe a lot to our lecturers who have made their lessons engaging and easy to understand by bringing in real life examples and applications. I will always cherish the care and concern shown by my lecturers and course mates."

- HUANG JIEMIN, DACM Gold Medallist, Class of 2015, who is now pursuing Materials Engineering degree at Nanyang Technological University



Discover the mysterious and captivating properties of chemicals, drugs and materials through an exciting application-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 the learning environment for you to conduct research, synthesise and test 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 a 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 are 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 skills.

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

Course Highlights

- ▶ Only course in Singapore on Applied Chemistry
- ▶ Specialise in one of the four options: Medicinal Chemistry Research, Pharmaceutical Science, Industrial Chemistry, or Materials Science
- ▶ 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 or dedicated research experience with local and overseas institutions

Scholarships Available

- Singapore Polytechnic Scholarships
- A*STAR Science Award
- Mitsui Chemicals Scholarships
- MOH Holdings Scholarships

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 & Marketing Executive
- Teacher Trainee
- Technical Specialist

FURTHER STUDIES

You can gain direct entry into second and third year of degree programmes in local and overseas universities.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 10 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
● Biology	● Physics
● Biotechnology	● Science (Chemistry, Biology)
● Chemistry	● Science (Physics, Biology)
● Food & Nutrition	● Science (Physics, Chemistry)





Biomedical Science is all about science that “saves lives” – from the science of human functionality to research activities for knowledge and development of diagnostic tools and finally to medical testing for diagnosis, management and prevention of diseases. Our students can choose from three exciting specialisation options: Medical Technology, Cardiac Technology and Biomedical Research.

The only curriculum in Singapore recognised by international accreditations:

- American Society for Clinical Pathology (ASCP) USA
- Institute of Biomedical Science, (IBMS) UK.

Course Highlights

- ▶ Internships at top-notch clinical laboratories or premier research laboratories including A* STAR Institutes and top-ranked universities in US

- ▶ Training partnerships with National Heart Centre Singapore for Cardiac Technology option for an authentic learning experience
- ▶ Opportunities to work with prominent local and international research scientists and clinicians on current research projects
- ▶ Fantastic network of students and alumni
- ▶ Opportunity to expand interests through elective modules in Forensic Biology, Cytogenetics, Pharmacology or Bio-entrepreneurship

Scholarships Available

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 7 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
<ul style="list-style-type: none"> <li style="width: 50%;">● Biology <li style="width: 50%;">● Physics <li style="width: 50%;">● Biotechnology <li style="width: 50%;">● Science (Chemistry, Biology) <li style="width: 50%;">● Chemistry <li style="width: 50%;">● Science (Physics, Biology) <li style="width: 50%;">● Food & Nutrition <li style="width: 50%;">● Science (Physics, Chemistry) 	

I BELIEVE



“The clinical-based curriculum was comprehensive coupled with a plethora of well-designed practical sessions providing us with a strong foundation in the biomedical sciences and laboratory competencies. In addition, internships have greatly broadened our horizons in hospital medical laboratories and research facilities. Our Final-Year Projects equipped us with appropriate skills that enabled us to carry out scientific investigation and experiments independently.”

- ERIC ONG JIA YONG, DBS Gold Medallist, Class of 2017

CAREER OPTIONS

- Teacher Trainee
- Administrator (Medical Industry)
- Clinical Research Coordinator
- Phlebotomist
- Cardiac Technologist
- Medical Technologist
- Research Assistant
- Sales and Marketing Executive
- Technical Specialist

FURTHER STUDIES

A high percentage of our graduates is offered admission to local universities. You can also be granted direct entry into the second or third year of degree programmes in Australian and British universities. You also have the flexibility to pursue other disciplines such as Medicine at the National University of Singapore (NUS) or Nanyang Technological University (NTU), Dentistry and Pharmacy at NUS, as well as Biomedical Sciences and Chinese Medicine at NTU.

DIPLOMA IN BIOTECHNOLOGY

DBT
S72



An inquiry-focused curriculum for bio-enthusiasts who love to learn through self-discovery.

The diploma focuses on translational and life sciences, research and the bio-pharmaceutical industries. Fun and interactive modules in the first year form a foundation in biosciences. This is further enhanced in the second year through an integrated approach to encourage life-long learning. Structured internships in the final year reinforce fundamental and applied knowledge.

Opportunities are available for students to expand their interests through elective modules in Forensic Biology, Cytogenetics, Bio-entrepreneurship, Bioremediation Technologies or Agrobiotechnology.

Biotechnology is the science for this century and SP is the pioneer in offering the Diploma in Biotechnology (DBT). With Singapore's positioning as a Bio-Hub, the rapidly expanding biosciences and biologics industries will open the door to many career possibilities.

Course Highlights

- ▶ Hands-on training in specialised laboratories on campus and through internships and research projects
- ▶ Opportunity to work with prominent scientists and researchers in local and overseas top-ranked universities and research institutions during internships
- ▶ A career in R&D, biologics, bio-pharmaceuticals, commerce, food or as biosafety coordinators
- ▶ Extensive Alumni Network

Scholarships Available

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



I BELIEVE

"The comprehensive curriculum which places great emphasis on hands-on and applied learning has equipped me with the relevant skills needed in my journey beyond Singapore Polytechnic. The recently implemented Final Year Project system, with its emphasis on self-exploration, has imparted me with a sturdy foundation in research and data analysis. The 30-week internship at A*STAR has built my confidence as a work ready researcher and most importantly, a world ready individual!"

- DON LOI XU,

DBT Gold Medallist and Lee Kuan Yew Award Winner, Class of 2017

CAREER OPTIONS

- Assistant Biotechnologist
- Assistant Quality Control Laboratory Analyst
- Clinical Trial Coordinator
- Laboratory Biosafety Coordinator
- Microbiologist
- Laboratory Technologist
- Research Assistant
- Sales and Marketing Executive
- Teacher Trainee
- Technical Specialist

FURTHER STUDIES

Many of our graduates gain direct entry into second or third year biological science degree programmes in local and overseas universities. You also have the flexibility to pursue other courses such as biomedical science, pharmacy, medicine, dentistry, environmental science and biomedical science with traditional Chinese medicine at local universities such as National University of Singapore and Nanyang Technological University.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 9 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6

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

DIPLOMA IN CHEMICAL ENGINEERING

DCHE
S70



Chemical engineering is the discipline where sciences are combined with applied mathematics and engineering principles. It takes laboratory ideas and turns them into value added products using cost-effective, safe and cutting-edge processes for the chemical industry.

Some famous chemical engineers in history include John Mckeen, who designed the first industrial-scale production of penicillin that saved thousands of soldiers' lives during World War II; Carl Bosch who invented the Haber-Bosch process to produce ammonia, a critical ingredient in synthetic fertilisers that enable us to produce enough food to feed the Earth's growing population.

Join us if you aspire to be like the above prominent chemical engineers who make real, significant impacts in improving our world for a better tomorrow!

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
- ▶ Thrice-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

Scholarships Available

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6

- Biology
- Biotechnology
- Chemistry
- Design & Technology

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



I BELIEVE

"The rigorous DCHE curriculum in SP which is recognised by the industry and tertiary institutions worldwide has been beneficial to my academic and personal development. CDIO, Design Thinking and Flipped Classrooms are integrated in various modules to make learning more dynamic for me. An internship at the University of Canterbury exposed me to an overseas educational and research environment. A local industrial attachment at Solvay Specialty Chemicals allowed me to apply theoretical knowledge and practical skills gained from the course to develop and optimise existing processes and systems. In short, the experiential learning in DCHE has prepared me to meet future challenges."

- LIEW ZHENG JIE,
DCHE Gold Medallist and Lee Kuan Yew Award Winner, Class of 2017

CAREER OPTIONS

- Business Development Executive
- 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
- Project Management Engineer
- Quality Assurance / Control Engineer
- Sales and Marketing Engineer

FURTHER STUDIES

Each year, more than half of our graduates are successfully accepted into well-established local and overseas universities. Many of them are also offered module exemptions or direct entry into the second or third year of their university degree programmes.

Our graduates can also apply for either a 2.5-year degree programme in chemical engineering that is offered by Technical University of Munich (TUM), Germany and Singapore Institute of Technology (SIT) or a 2-year degree programme in chemical engineering that is offered by Newcastle University (NU), United Kingdom and SIT.

DIPLOMA IN FOOD SCIENCE & TECHNOLOGY

DFST
S47

Be part of the team that designs food to excite the taste and imagination through food science and technology. Come join the ranks of food scientists and technologists to launch innovative new products to meet the needs of today's ever curious and adventurous consumers!

Through Design Thinking, innovative teaching and industry-linked projects, you will discover the world of food – from raw materials to ingredients, processes and packaging to finished consumer products! As a food scientist or technologist, you can play an important role in making our foods more appealing yet healthier and safer! Come journey through DFST on a D.I.E.T (Discover, Integrate & Express with Technology) by honing your skills through basic science modules and uncovering the mysteries of food in Year 1.

In Year 2, you will integrate your food science knowledge through opportunities in ideating food concepts, formulating prototypes and performing sensory evaluation to transform raw materials into consumer focused end-products.

In Year 3, you develop processes, design food packaging and conduct shelf-life studies that reduce food wastage and achieve sustainability of future products. You can do this by choosing to continue with the D.I.E.T journey or through actual experience by taking a B.I.T.E* in commercial projects.

With so many choices, what's holding you back from choosing DFST?

*Business design Infused with Technology Experience.

Course Highlights

- ▶ Well-equipped facilities such as the Food Creation Lab, Dough & Roll Studio, Food Analysis Lab, Biotransformation Lab and Food Processing & Packaging Lab

- ▶ Work with the Food Innovation & Resource Centre (FIRC) at SP – a one-stop centre that provides integrated consultancy advice and training for food companies
- ▶ Successful commercialisation of a portfolio of food products including the Lemon & Kalamansi drink, Two-ply Noodles, XO Kaya, Yamie Rice, Rainbow Rice, as well as low Glycemic Index (GI) cupcakes, brownies and noodles
- ▶ This course is internationally recognised by IUFOST (International Union of Food Science & Technology). The certificate is awarded to Food Science & Technology programmes which have met international standards and guidelines
- ▶ Acquire a more global perspective on research, product development and food operations through overseas internship or learning journey

Scholarships Available

- Singapore Polytechnic Scholarships
- A*STAR Science Award
- BASF Scholarship
- MOH Holdings Scholarship
- SFMA – Pek Cheng Chuan Scholarship
- SIFST Best Student Award cum Rintoul Memorial Scholarship
- Tai Hua Scholarship

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
- Teacher Trainee



I BELIEVE

"DFST has provided me with abundant opportunities to explore my interests through experiential learning. These experiences have allowed me to hone my technical and soft skills, and build meaningful connections within the industry. I feel immensely thankful for our dedicated lecturers who made me realise that education is not rooted in individual success, but it is entrenched in the belief that this could be used for the betterment of my community."

- MAGDALENE TAN QIAO HUI, DFST Gold Medallist, Class of 2017, who is pursuing a B. Sc. (Hons) Food Science & Technology at National University of Singapore, under the Rintoul Scholarship

FURTHER STUDIES

You can apply for related degree programmes at local or overseas universities such as the Bachelor in Science – Food Science and Technology at the National University of Singapore; or the Degree in Biological Sciences with a Second Major in Food Science and Technology or the Degree in Chemical and Biomolecular Engineering with a Second Major in Food Science and Technology or the Degree in Chemistry and Biological Chemistry with a Second Major in Food Science & Technology at Nanyang Technological University. You can also apply for admission to the Bachelor in Food Technology (Honours) programme or the Bachelor of Professional Studies in Culinary Arts Management offered by the Singapore Institute of Technology.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6

- Biology
- Biotechnology
- Chemistry
- Food & Nutrition

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

DIPLOMA IN NUTRITION, HEALTH & WELLNESS

**DNHW
S44**



You are a people person. You care about health and want to make a positive impact on the lives of people you meet. If you believe that good health comes from the inside, the Diploma in Nutrition, Health and Wellness (DNHW) is tailored just for you.

This course combines nutrition, health and wellness. The science-based curriculum will let you explore the factors that contribute to disease prevention and control; as well as the promotion and maintenance of good health.

Course Highlights

- ▶ Advanced facilities such as the Nutrition, Health and Wellness Centre

which houses the physical fitness and exercise physiology laboratories; food science, health food preparation and demonstration laboratories

- ▶ Participate in health and wellness outreach programmes
- ▶ A 17-week local or overseas internship programme

Scholarships Available

- Singapore Polytechnic Scholarships
- A*STAR Science Award
- BASF Scholarship
- MOH Holdings Scholarship

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 10 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6

- | | |
|---|---|
| <ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Food & Nutrition | <ul style="list-style-type: none"> ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry) |
|---|---|



I BELIEVE

"DNHW has moulded me into a T-shaped graduate. I learnt not only how to be work ready, but also life ready. I am definitely better equipped to face the different challenges life may throw at me."

– AMANDA CHIA, DNHW Gold Medallist and Toh Chin Chye Gold Medallist, Class of 2015, who is now pursuing a degree in Medicine at Yong Loo Lin School of Medicine, National University of Singapore

CAREER OPTIONS

- Assistant Nutritionist
- Corporate Wellness Coordinator
- Dietetic Assistant
- Fitness Instructor
- Health Promotion Executive
- Health Screening Assistant
- Lifestyle Coach
- Patient Service Associate
- Personal Trainer
- Rehabilitation Assistant
- Sales & Marketing Executive
- Teacher Trainee

FURTHER STUDIES

You can pursue further education at local and overseas universities, offering courses in nutrition and dietetics, medicine, physiotherapy, health promotion, sports science, education as well as in other disciplines. Graduates can also gain direct entry into the second year of some related degree programmes in Australian and British universities.

DIPLOMA IN OPTOMETRY

DOPT
S67



I BELIEVE

"The enthusiastic and passionate SP lecturers enabled me to have a fun-filled three years during my diploma course. SP Optometry Centre's clinical sessions have shaped me to become a responsible and knowledgeable individual to make important decisions on how to manage our community's eye care needs, and prevent blindness through early detection of some diseases. With the optometry diploma that I have obtained, I hope to contribute more towards primary eye care to tackle the challenges associated with ageing community and myopia epidemic."

- HAN XUETING, DOPT Gold Medallist, Class of 2017



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 eye care.

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).

Our three-year Diploma in Optometry (DOPT) course aims to produce professionally competent optometrists who are in good demand. Due to the high prevalence of myopia in children and a rapidly ageing population, quality optometrists are highly sought after.

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 the subsequent years
- ▶ Excellent clinical and laboratory facilities and SP Optometry Centre provide you with hands-on experience using state-of-the-art precision instruments and equipment

- ▶ Register as a qualified optometrist with the Optometrists and Opticians Board when you graduate
- ▶ Regular Industrial attachments at hospitals, optometric practices, contact lens or ophthalmic lens companies to widen your scope and experience in optometry
- ▶ Four-month continuous internship in the eye care industry is a key component
- ▶ Opportunities for overseas exposure via community service projects or attachments to optometry schools and research institutions abroad

Scholarships Available

- Singapore Polytechnic Scholarships
- MOH Holdings Scholarships

CAREER OPTIONS

- Independent Optometrist at optical outlets
- Optometrist at Hospitals and Eye Clinics
- Research Optometrist
- Lens Consultant
- Professional Affairs Executive
- Marketing and Customer Development Executive

FURTHER STUDIES

SP Optometry diploma allows direct entry into second or third year overseas optometry degree programmes. You are also eligible to apply for many non-optometry degree programmes at local universities, including Medicine at NUS and Biological Sciences at NTU.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Food & Nutrition 	<ul style="list-style-type: none"> ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

Applicants with severe vision impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Ministry of Health (MOH) website on "Fitness to Practice" for registered Optometrists.

DIPLOMA IN PERFUMERY & COSMETIC SCIENCE

DPCS
S38



I BELIEVE

"These three years in DPCS have been enriching and fulfilling. The comprehensive chemistry-based curriculum has provided me a strong scientific foundation. The well-designed practicum has also equipped me with the relevant skillsets for application in the personal care industry.

Furthermore, my year-long internship at Johnson and Johnson Asia Pacific has exposed me to real-life projects on new product launches. The exciting experience has expanded my horizon and I aspire to continue my lifelong learning in this field."

– **CHRISTINE NG LI TI**, DPCS Gold Medallist, Class of 2017, who is pursuing a BSc (Chemistry) at National University of Singapore under the NUS Undergraduate (Merit) Scholarship



If you have the passion to:

- ▶ formulate products that will give you age-defying looks;
- ▶ uncover the secrets of fragrance creation;

You are cordially invited 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 integrated learning experience where you will build a strong chemistry foundation and apply your knowledge in specific applications using your senses.

Your training with us will distinguish you from other local diplomas as SP is the only institute of higher learning that offers such training. Your skills will be highly sought after not just locally but internationally in the lucrative and recession resistant fragrance and cosmetic industries.

Course Highlights

- ▶ Specialisation in Chemistry, Perfumery and Cosmetic Science
- ▶ Get trained in our state-of-the-art Perfumery and Cosmetic Science Centre
- ▶ Collaborations with industry partners to commercialise the only local student formulations: the Romance Singapore series of perfumes as well as various types of room scents

- ▶ Real and exciting experiences in making perfumes and cosmetic products, producing fragrance raw materials through organic synthesis and distilling essential oils from plant extracts
- ▶ Internship with perfumers, chemists, product formulators or dermatologists at chemical or cosmetic companies or fragrance and flavour houses
- ▶ Be awarded with a training certificate in 'Analytical Instrumentation and Laboratory Technique' accredited by the Royal Society of Chemistry (RSC), UK

Scholarships Available

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

CAREER OPTIONS

- Chemist
- Formulator
- Fragrance Evaluator
- Procurement Executive
- Product Application Chemist
- Product Development Specialist
- Quality Control / Assurance Chemist
- Regulatory and Product Safety Personnel
- Sales / Business / Marketing Executive
- Trainee / Assistant Perfumer

FURTHER STUDIES

You can gain direct entry into second or third year of degree programmes in prestigious local and overseas universities.

ENTRY REQUIREMENTS

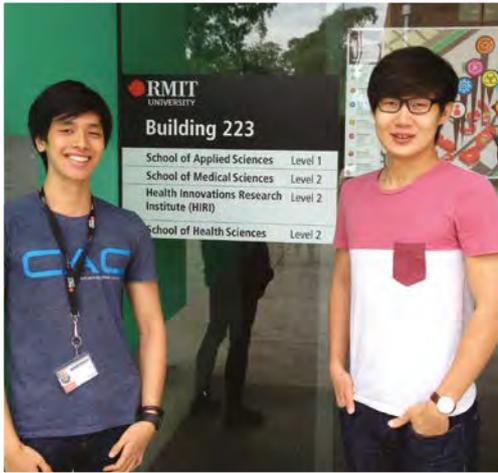
2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects:	1 - 6
● Biology	
● Biotechnology	
● Chemistry	
● Food & Nutrition	
● Physics	
● Science (Chemistry, Biology)	
● Science (Physics, Biology)	
● Science (Physics, Chemistry)	



MY WORLD, MY SP

Overseas exposure gives fresh perspectives of the world. Students from the School of Chemical and Life Sciences travel far and wide to gain overseas experience. From providing eye screening in a remote village in Myanmar to working alongside research scientists in prestigious universities like Harvard, they have been there, done that.



- Applied Drama & Psychology (S43)
- Creative Writing For TV & New Media (S41)
- Media & Communication (S86)

I CAN.... TAKE STORIES TO A HIGHER LEVEL

You can curate a story into an impactful communication campaign, a meaningful theatre experience or a moving documentary. The real-world learning spaces present an authentic learning environment for you to dream and imagine. Your lecturers – all industry experts – will nurture your ability to change the way the world thinks. When you graduate, you can become a confident communication professional, a creative writer or a compassionate community worker / drama educator. You can be certain that you can take your story to a higher level.



SP+WILFRED

Diploma in
Applied Drama and Psychology

As a CASS grad, you will stand out and be ready to take on the world. Here's why:

- Singapore's most comprehensive mass communication diploma, with emphasis on Singapore's most comprehensive mass communication diploma, with emphasis on producing online content and managing social media to executing multi-market campaigns - Diploma in Media and Communication (DMC)
- Asia's only inter-disciplinary diploma that combines applied drama and psychology – Diploma in Applied Drama and Psychology (DADP).
- Singapore's only writing diploma – Diploma in Creative Writing for TV and New Media (DTVM).
- Innovative learning spaces, such as DMC's The Agency, which simulates the workings of a real-life communication agency; DTVM's The Writers' Room, a unique space for dreaming and writing; and DADP's BlackBox, the space for drama.
- Exciting internships with major media companies, advertising agencies, public relations firms, and private and government organisations.
- Exclusive and prestigious Batey Talent Programme for DMC students.

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

School of Communication, Arts and Social Sciences Tel: (65) 6775-1133 Fax: (65) 6772-1955 Email: contactus@sp.edu.sg www.sp.edu.sg/cass

DIPLOMA IN APPLIED DRAMA & PSYCHOLOGY

DADP
S43



USING STORIES TO TRANSFORM

Do you want to help others share their stories? How can you create transformative encounters when these stories are told? Can stories change lives or influence communities for the better, and if so, how?

The Diploma in Applied Drama and Psychology journeys beyond performance, integrating the tools of drama with an understanding of psychology. The result is a powerful engine for education, social intervention and change.

At DADP, authentic learning means extending the boundaries of the classroom. Your assignments will give you the chance to work with different communities, from children to the elderly.

Course Highlights

In this course, you will:

- ▶ Draw on the expertise of leading dramatists through our Artist-in-Residence scheme and master classes. Learn from international practitioners in drama / social service/ psychology fields.
- ▶ Work with communities from a wide range of settings, such as schools and social / community services. Intern with local drama companies, schools, government agencies and social / community service organisations.
- ▶ Bring different stories to life in BlackBox, our drama space with unlimited potential to transform itself, its players and its audience.

**JOIN US – COMBINE YOUR
DRAMATIC FLAIR WITH THE HEART
TO MAKE A DIFFERENCE IN SOCIETY.**

CAREER OPTIONS

- Drama Educator
- Drama Facilitator
- Assistant Teacher
- Social Work Assistant
- Community Worker
- Psychology Assistant
- Project Coordinator

DADP graduates enjoy immediate employment with organisations in the social/community services, educational services and governmental sectors. Some DADP graduates have been offered prestigious scholarships by the National Arts Council, Yayasan MENDAKI and Nanyang Technological University.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-A

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 7
c) Any three other subjects:	1 - 6

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

- Art / Art & Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese / English)
- Music



I BELIEVE

"I've always been passionate about working with people and youths in particular. DADP provided the framework to curate art with scientific depth. The combination of applied drama and psychology showed me how to engage youths in creative ways in my work as a Training and Development Executive with Halogen Foundation Singapore."
– VANESSA YAP RU, Class of 2013, who is now working as a Training and Development Executive with Halogen Foundation Singapore.

FURTHER STUDIES

You may further your academic pursuits in Theatre Studies, Applied Drama, Psychology, Social Work, Early Childhood/Special Education or Arts and Social Sciences.

DADP graduates are accepted into degree programmes at local and foreign universities. Some of these universities grant generous exemptions and advanced standing to our graduates.

DIPLOMA IN CREATIVE WRITING FOR TV & NEW MEDIA

DTVM
S41



I BELIEVE

"I have always loved writing since young and DTVM has helped me pursue my passion. Besides creative writing, I was also exposed to production work and have found my career in it. My internship with Big 3 Media was such an eye opening and fruitful experience that I decided to work full-time after graduation to build up my industry experience." –

TAN HUI TIAN ESTHER, Tan Kay Yong Gold Medallist, Class of 2017, currently working at Big 3 Media Production as an Assistant Producer

WRITING STORIES THAT INSPIRE

How do words combine with picture, video and sound to make good stories? How will you mesmerise and challenge your audience?

The Diploma in Creative Writing for TV and New Media develops students' ability to find, shape and realise their stories, fine-tuning them into polished content for various media platforms such as print, television and transmedia.

Students learn to ideate and create stories, put them into words and visuals and present them to the audience. This is done through children's stories, news articles, documentary, TV drama and comedy as well as content for website and mobile applications.

Course Highlights

In this course, you will:

- ▶ Be inspired. Find your muse in The Writers' Room, our unique space for dreaming and writing. Through our master classes, network with seasoned journalists, scriptwriters, filmmakers, animators, comic strip artists and other media professionals from Singapore and around the world.
- ▶ Leave the classroom. Record your news, drama, comedy, reality show or documentary in a studio setting or the outdoors. Travel overseas to film a documentary as an assignment.
- ▶ Pitch your programmes to industry experts and, if selected, watch them come alive on TV.

CAREER OPTIONS

- Writer for Web, Radio and TV
- Journalist
- Content Producer
- Research Writer
- Assistant Producer
- Assistant Director
- Transmedia Producer

DTVM graduates get job offers even before they graduate and some have been awarded prestigious scholarships by the Nanyang Technological University, Ministry of Education, IMDA (Info-communications Media Development Authority of Singapore) and Singapore Industry Scholarship (SgIS).

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-A

Subject	Grade
a) English Language	1 - 4
b) Mathematics (Elementary / Additional)	1 - 7
c) Any three other subjects:	1 - 6

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

- Art / Art & Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese / English)
- Music

FURTHER STUDIES

You may pursue a degree in arts and social sciences, journalism, mass communication, new media communication and other related degrees.

DTVM graduates are accepted into degree programmes at local and foreign universities. Some of these universities grant generous exemptions and advanced standing to our graduates.

DIPLOMA IN MEDIA & COMMUNICATION

DMC
S86



I BELIEVE

“During my three years in DMC, I was given the opportunity to produce short films and partner with non-governmental organisation, Migrant Workers’ Centre, to execute social media campaigns. All these realistic working experiences were invaluable and have nurtured my passion for communication.” –

CHONG HAN LYN, Low Guan Onn Gold Medallist, Class of 2017



CREATING STORIES THAT CONNECT

What’s the role of social media like Twitter and Instagram in marketing a product or service? How do you use research to better understand an audience? Does knowing about psychology really give you an edge?

The Diploma in Media and Communication is a comprehensive mass communication course with emphasis on digital content creation, integrated communications and research. Learn to create brand stories by integrating different marketing communication tools (such as advertising and public relations) and delivering them through different media platforms - print, video, digital media.

At DMC, authentic learning means you get to work closely with our industry partners to nurture your aspirations in the wide spectrum of media and communication. You will also get to apply Singapore Polytechnic’s Design Thinking methodology to real world projects.

Course Highlights

In this course, you will:

- ▶ Create real-world and award-winning campaigns at The Agency, an exclusive, integrated communication facility on campus. Hold media conferences and get your research work published by national and regional media. Our students have won accolades in national competitions such as the Crowbar Advertising Challenge.
- ▶ Nurture your talents and aspirations and build your portfolio in SPACE Agency, an out-of-classroom incubator where students work with clients to develop campaigns for them.
- ▶ Learn from the best in the media and communication industry through our master classes, networking sessions and mentorship programme. Branding legend Ian Batey, who was behind icons such as Raffles Hotel and Singapore Girl, will personally mentor recipients of the prestigious Batey Talent Programme.

CAREER OPTIONS

- Advertising Executive
- Public Relations Executive
- Social Media Marketing Executive
- Event Coordinator
- Branded Content Producer
- Media Planner

DMC graduates are highly employable, draw competitive salaries and some have been offered prestigious scholarships by the IMDA (Info communications Media Development Authority of Singapore), Nanyang Technological University and National University of Singapore.

FURTHER STUDIES

You may pursue a degree in communication, business, arts and social sciences and other related courses.

DMC graduates are accepted into degree programmes at local and overseas universities. Some of these universities grant generous exemptions and advanced standing to our graduates.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-A

Subject	Grade
a) English Language	1 - 4
b) Mathematics (Elementary / Additional)	1 - 7
c) Any three other subjects:	1 - 6

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

- Art / Art & Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese / English)
- Music

- Experience and Product Design (S51)
- Games Design & Development (S56)
- Interior Design (S89)
- Visual Communication & Media Design (S93)

I CAN.... DESIGN WONDERS

At the SP Design School, your creativity will be developed through rigorous pedagogical methods ranging from studio-based learning environment to out-of-classroom learning activities.

Your learning journey begins with an exciting fun-filled semester-long Common Foundation that will develop and cultivate your design vocabulary in 2D and 3D visualisation, design fundamentals, graphic communications and course-specific skills like programming, model-making and software programmes.

In semester two, you will delve into your design courses that are designed to develop your design skills and competencies to prepare you for the industry.

SP Design School has, through collaborations with industry partners and academic institutions, established and paved the path of opportunities for you to partake in master classes and workshops to hone your craft and skill-deepening.

Welcome to SP Design School!

SP+SITI HANA

Diploma in
Experience and Product Design



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

SP Design School Tel: (65) 6775-1133 Fax: (65) 6775-1581 Email: contactus@sp.edu.sg www.sp.edu.sg/sd

DIPLOMA IN EXPERIENCE & PRODUCT DESIGN

**DXPD
S51**



I BELIEVE

“Before SP, I was a part-time student at Nanyang Academy of Fine Arts studying jewellery design. During SP Open House, the displays for the DXPD course caught my eye as the products created were aesthetically beautiful and the user experience was well thought out. Thus, I decided to enrol in the course. I enjoyed my internship experience at a local design studio, as well as my group projects ranging from designing a 2-seater bench to coming up with design concepts for innovating healthy snacks targeted at youths. This course has inspired me to create great products and experiences that benefit the community.”

- **KWEK AI LING**, DXPD Gold Medallist and Toh Chin Chye Gold Medallist, Class of 2016, who is now pursuing a degree in Industrial Design at National University of Singapore (NUS), under the NUS Global Merit Scholarship



If you are hands on, love to make things and imagine wonders, you are the innovative one we want.

This course teaches you to design meaningful experiences through a range of industry relevant skills from model making to design research, ideation and presentation techniques.

Our programme ensures you get exposure to the various facets of experience and product design. You will enjoy an exciting learning journey that ranges from food, product, furniture, digital app to service design. Over the years, we have fostered close working relationships with award-winning designers and the industry, connecting our students to opportunities in the world of design.

Join us for a fulfilling and immersive learning journey that sets out to develop professional designers well-versed in creating meaningful design experiences and products.

Course Highlights

In this course, you will:

- ▶ Partner with various renowned organisations to design and create new and wonderful customer experiences.
- ▶ Embark on experiential learning journeys with overseas trips, immerse in new cultures and learn design crafts.
- ▶ Have the opportunity to showcase your works in design exhibitions, gaining exposure in the design industry.
- ▶ Attend workshops by award-winning local and international designers.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 18 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects:	1 - 6

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

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

CAREER OPTIONS

- Design Researcher
- Industrial Designer
- Multi-disciplinary Designer
- Product Designer
- User Experience Designer
- User Interface Designer

FURTHER STUDIES

DXPD graduates have gained admission to the following universities:

LOCAL:

- National University of Singapore
- Nanyang Technological University
- Singapore Institute of Technology
- LASALLE College of the Arts
- Singapore Institute of Management

OVERSEAS:

- Central St Martins, College of the Arts, UK
- Design Academy, The Netherlands
- The Glasgow School of Art, UK
- Carleton University, Canada
- National Taiwan University of Science and Technology

DIPLOMA IN GAMES DESIGN & DEVELOPMENT

DGDD
S56



If you are enthusiastic and keen to create games to engage and entertain, you are the creative energy we want.

The course guides you to explore the different pathways in the games industry with game design as the core. You get to learn and experience the different aspects of game development such as game design, level design, user interface design, character illustration, 3D modelling, animation, gameplay programming and game project management. Discover your talent as you go through the course.

The games industry is fast-growing and games are changing the ways we interact with the world. In fact, games are not just designed for entertainment purpose; they are also designed to aid in education, therapy and other applications as well.

The Diploma in Games Design and Development will help you gain a foothold into the games industry as you learn how

to design and develop different types of fun and engaging games.

Join us now and embark on the quest in creating your own games in the Diploma in Games Design and Development.

Course Highlights

In this course, you will:

- ▶ Experience exciting collaborations with established game studios and research labs. Learn to design and develop games on platforms such as iPad and Android tablets.
- ▶ Work with virtual reality, augmented reality and other game-changing technologies.
- ▶ Be immersed in a studio environment that provides realistic team-based game development experiences. A wide range of professional software and hardware supports the learning process and the development of game projects. Software tools include Unity, Unreal, Maya, 3DS Max, ZBrush, Adobe Creative Suite, and Unreal Engine.



I BELIEVE

“Aside from the array of technical skills and proficiencies that I was taught during my time in the game design course, the one thing I really appreciated was the amazing atmosphere that I was able to be a part of. With the combination of a positive learning environment, determined classmates and incredible lecturers, I was able to push myself further than I could have anywhere else. The challenges I faced have shaped me into a better team player, and a more balanced and disciplined person. The satisfaction of completing a project and celebrating with my classmates, lecturers and friends forged memories that I will never forget.”

- **CHRISTOPHER PANG**, DGDD Gold Medalist, Class of 2016. He plans to study Game Design in DigiPen Institute of Technology, United States, after national service

CAREER OPTIONS

- 2D Artist
- 3D Artist
- Animator
- Concept Artist
- Game Designer
- Game UI / UX Designer
- Gameplay Programmer
- Game Quality Assurance Tester
- Level Designer

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

FURTHER STUDIES

Relevant undergraduate degrees include Design-related and IT-related programmes at NUS, NTU and other local universities. DigiPen Singapore, under Singapore Institute of Technology (SIT) offers degree programmes for professions in the games industry.

DIPLOMA IN INTERIOR DESIGN

DID
\$89



I BELIEVE

“SP Design School wasn’t in my plans during the JAE application. However, I later realised that being in SP Design School was probably the best blessing in disguise as this was where I finally discovered my passion – spatial design. Thanks to the guidance and encouragement of the dedicated lecturers, I started to gain confidence and do well from the second year onwards even though initially I was struggling. My internship at an architecture and interior design firm gave me an opportunity to assist in large-scale projects. Witnessing what the architects and designers do to their end products has greatly spurred my interest in spatial design.”

- **YIP JING WEI**, DID Gold Medallist, Class of 2016, who is now pursuing a degree in Architecture at National University of Singapore (NUS)



If you are passionate about the design of space, transforming the experience of everyday living and have a curious mind to experiment with materials – you are the budding designer we want.

The course is developed to prepare students for the design industry, equipping graduates with relevant design knowledge and skills.

Our programme focuses on spatial experimentation with materials, lighting and colour. You will also be trained in design methods and processes to develop exciting ideas to create meaningful interior space, as well as the means to communicate them.

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

Course Highlights

In this course, you will:

- ▶ Develop strong research grounding with an emphasis on experimentation to push the boundaries of your design ideas.
- ▶ Gain broad exposure to design trends by participating in workshops conducted by local and international designers.
- ▶ Take part in regional study trips, international competitions and industry projects gaining valuable experience.
- ▶ Participate in globally situated studio programmes with overseas design institutions.

CAREER OPTIONS

- Design Executive (Sales)
- Exhibition Designer
- Interior Designer
- Perspective Artist
- Spatial Planner
- Stage-set Designer
- Visual Merchandiser
- Walk-through Animator

FURTHER STUDIES

You can gain direct entry into various undergraduate degree programmes offered by local and other overseas 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.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 16 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects:	1 - 6

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

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



DIPLOMA IN VISUAL COMMUNICATION & MEDIA DESIGN

DVMD
S93



If you are intrigued by graphic design and advertising that engage your senses, and are passionate about experimenting with emerging media – you are the fearless one we want.

Students are prepared for a fast-evolving creative industry landscape, with the knowledge to apply ideas and communicate across many media platforms. Our comprehensive programme exposes you to the many facets of visual communication and media design – graphic design, advertising, branding, digital photography, illustration, video production and interaction design. You will be immersed in a dynamic environment, exposed to multiple media skills, enabling you to discover and develop your personal strengths.

Join us in our inspiring design programme that incorporates a rigorous curriculum from exploratory projects to exciting collaborations with the industry.

Course Highlights

In this course, you will:

- ▶ Experience a robust integrated curriculum that opens up many pathways for students to explore print, digital and interactive media.
- ▶ Gain insights into professional practice through engagement of renowned practitioners and guest speakers from the industry.
- ▶ Have opportunities to gain recognition through our “exhibit and publish” culture, and to be mentored to win competitions.
- ▶ Be part of a student-run integrated design agency, which provides opportunities for students to work on industry projects.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 6
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects:	1 - 6

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

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



I BELIEVE

“When I consulted one of the DVMD lecturers during SP Open House, I realised that the list of things I can do at the course is unlimited and diverse – from publications and advertisements to videography, photography and branding. I could also choose to take up new media and creative imaging as my electives. Thus, DVMD course became my first choice. The lecturers taught us the ropes of design and were willing to go the extra mile to help us when we needed help. Being part of The Student Agency as designer and later as the art director, I had the opportunity to work on several client-based projects, such as SP Open House 2015 and 2016 where the team did the creative concept, direction and design. Through my internship with a digital design agency, I also got to work on web design and came up with creative concepts, graphic works and electronic direct mailers. The combination of hands-on learning and dedicated lecturers undoubtedly sparked my passion for design.”

- **ATIKA ALISA BINTE MAHAT**, DVMD Gold Medallist, Class of 2016, who is now pursuing a BA(Honours) in Graphic Communication at Nanyang Academy of Fine Arts

CAREER OPTIONS

- Editorial Designer
- Graphic Designer
- Junior Art Director
- Packaging Designer
- Interaction Designer
- Photographer
- Videographer

FURTHER STUDIES

Most local and overseas universities with design and communication programmes grant direct admissions to DVMD graduates.

The SP Design School houses four design diplomas under one roof. Lessons are conducted in customised studios that boast ample space for design students to stretch and display their creativity, be it visual, game, interior or product designs.



- Digital Animation (S35)
- Music & Audio Technology (S97)
- Visual Effects & Motion Graphics (S39)
- Business Information Technology (S82)
- Infocomm Security Management (S54)
- Information Technology (S69)

I CAN.... REALISE MY DREAMS

The School of Digital Media and Infocomm Technology is a place where your dreams can turn into reality.

You can create animation, music and visual effects fit for films. You can use technology to improve lives, help businesses and make cyberspace a safer place. The different learning styles, such as apprenticeship and scenario-based learning, help unlock your potential. Spaces like the Media-Art Design (M.A.D.) Studios help you find your creative soul, and the Cyber Wargame Centre allows you to learn the skills to defend against hackers.

When you graduate, you will be able to harness technology to make a difference to people's lives.



SP+YU XIN

Diploma in
Visual Effects and Motion Graphics



Digital media and information technology have become an integral part of our lives.

Whether it is business or communication, education or entertainment, infinite possibilities abound with the fusion of digital media and IT.

INNOVATIVE TEACHING APPROACH

We offer an unparalleled approach to teaching, through apprenticeship, scenario-based and studio-based learning. Coupled with the integration of soft skills into these teaching approaches, you will be highly engaged, challenged and inspired.

INSPIRING LEARNING SPACES

We design learning spaces to draw out the creative genius in every student. This includes our Cyber Wargame Centre, M.A.D. Studios, Social Media Listening Centre and Yellow Submarine.

IMMERSIVE DMIT EXPERIENCE

We make dreams more real by putting students in the mix with the who's who in the industry.

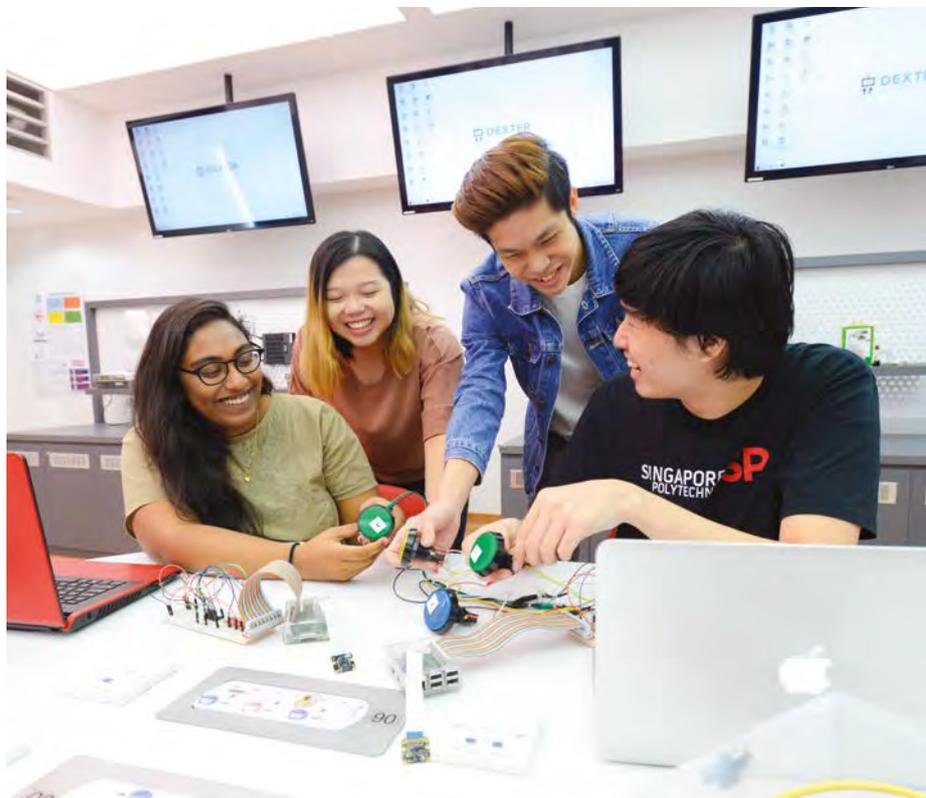
We put students on the cutting edge of the field through high-level competitions, industry certifications and real-life work experience. So let us unfold your dreams to make it reality!

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

School of Digital Media and Infocomm Technology Tel: (65) 6775-1133 Fax: (65) 6772-7912 Email: contactus@sp.edu.sg www.sp.edu.sg/dmit

DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY

**DBIT
S82**



A successful business engages four key areas to influence consumer behavior in their favour – having a social media presence, making use of mobile application technology, utilising business analytics tools to analyse market trends and possessing an entrepreneurship spirit.

At Diploma in Business Information Technology (DBIT), we have incorporated these four areas into our curriculum, all tightly integrated across the modules, to empower you to create business success!

Course Highlights

► Four Integrated Approaches to Creating Business Success

- Social Media
- Business Analytics
- Web and Mobile Applications
- Entrepreneurship

► Social Media Listening Centre

- Listen, analyse, strategise and influence business trends at our Social Media Listening Centre.

Scholarships Available

- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Industry Preparation for Pre-graduate (iPREP) Programme
- Infocomm Polytechnic (iPoly) Scholarship
- Singapore Polytechnic (SP) Scholarships



I BELIEVE

"DBIT provides you with a platform to pick up IT and business concepts quickly, and with confidence. DBIT also provides you the flexibility and versatility to choose the IT domain that interests and inspires you."

- **AUGUSTIN CHAN**, Class of 2006, who was the recipient of the IDA National Infocomm Scholarships, is responsible for acquiring new business clients for Oracle Corporation.

CAREER OPTIONS

- Entrepreneur
- IT Business Analyst / Developer
- IT Project Specialist
- Web Analyst
- Social Media Analyst
- UX / GUI Designer
- Web Application Designer / Developer
- Mobile Solutions Analyst / Developer

FURTHER STUDIES

Our curriculum gives you the flexibility to pursue either an IT or Business degree in both local and overseas universities with advanced standings.

Our graduates have also won scholarships and studied in local universities like NUS, NTU and SMU, and overseas universities like University College London.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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



Chill, relax and work in a personal workspace that you can decorate on your own – a place that you call home. Bring fantasy to reality in our M.A.D. Studios, where dreams come alive through art and animation. Let Diploma in Digital Animation (DDA) take you places where one can only go in their wildest imagination. Create worlds so entertaining and appealing people will want to remain in them forever!

Course Highlights

► Personalised Workspace

Our M.A.D. (Media-Art-Design) Studios is a fully-equipped production studio that not only offers you a personalised workspace, but also a place where you can bounce ideas off peers and lecturers.

M.A.D. Studios emulates the real-life workplace, giving you the creative environment to let your ideas run wild.

► Mentorship with Industry Gurus

Our unique mentorship programme links you with industry gurus from companies such as Lucasfilm and Ubisoft. Learn from the people who make things happen!

► Internship

Gain a foothold in the industry through our minimum 17-week internship programme at top animation companies. It is an opportunity offered to all DDA students!

► Immersion Programme

You will have the opportunity to join a 2-week immersion programme to create your very own anime with Digital Hollywood University in Japan!

Scholarships Available

- Singapore Polytechnic (SP) Sports and Arts Scholarship
- Singapore Polytechnic (SP) Scholarships

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 11 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects:	1 - 6

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

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



I BELIEVE

"I love the home-based studio that we work in because it bonds the course mates. Despite the overwhelming amount of work and tight deadlines, everyone works hard and finishes their work together by helping one another. Most importantly, through numerous projects, I have learnt the importance of communication and teamwork among group members because it is not enough that each member does their best at their individual roles; we must also work together as a team."

- CHAN YAN MIN, DDA Gold Medallist, Class of 2014.

CAREER OPTIONS

- 2D / 3D Animator
- 3D Modeler / Rigger
- Character Designer
- Storyboard Artist
- Digital Lighting Artist
- Illustrator
- Layout Artist
- Rendering Artist
- Concept Artist
- Texture Artist

FURTHER STUDIES

You can pursue further related degree programmes at both local and overseas universities. We have graduates enrolled locally at the School of Art, Design and Media at Nanyang Technological University and DigiPen Institute of Technology.

We also have graduates who were offered places at overseas institutions such as Ringling College of Art and Design (USA), School of Visual Arts (USA), Bournemouth University (UK), University of Glasgow (UK), University of Hertfordshire (UK), Savannah College of Art and Design (HK) and Vancouver Film School (Canada).

DIPLOMA IN INFOCOMM SECURITY MANAGEMENT

DISM
S54

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 such realistic scenarios to prepare you for the REAL cyberthreats!

Technology is ever-present in our everyday activities, 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 a real-time practice and learning environment through Cyber Wargame exercises – launch cyber-attacks, build cyber defences and delve into the world of forensics investigation.

▶ NUS-Poly Preparatory Programme

Gain discretionary admission to the Bachelor of Computing (Information Security) course in NUS upon the successful completion of the NUS-Poly Preparatory Programme.

▶ 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 Available

- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Industry Preparation for Pre-graduate (iPREP) Programme
- Infocomm Polytechnic (iPoly) Scholarship
- Singapore Polytechnic (SP) Scholarships
- Singtel Cyber Cadet Scholarship
- DSO National Laboratories (DSO) Diploma Scholarship



CAREER OPTIONS

- Associate Security Analyst / Consultant
- Incident Investigator / Forensic Investigator
- Security / Systems Administrator
- Cyber Risk Analyst
- IT Auditor
- Security Engineer
- Applications Developer with IT security solution providers, auditing and consultancy firms, banking and financial institutions, public and private organisations that require IT security services.



I BELIEVE

"The DISM course has provided me with a holistic approach to manage cyber security, and a plethora of opportunities - both within the institution and in the industry - to explore and advance my technical arsenal beyond the syllabus and develop essential soft skills. Working closely with industry partners, I can graduate with industry relevant certifications and experiences."

- DANIEL HO, Class of 2016, DISM Gold Medallist, recipient of the Lee Kuan Yew Award 2016, and currently a Public Service Commission scholarship holder.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 11 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

FURTHER STUDIES

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

DIPLOMA IN INFORMATION TECHNOLOGY

DIT
\$69



I BELIEVE

"I've always had a passion for IT, and being able to study the subject I loved made the journey fun and engaging. In DIT, I was taught solid skills and was mentored by lecturers who went above and beyond. My achievements are not my own, but a culmination of the guidance and work put in by the lecturers."

- AZEEM ARSHAD VASANWALA,
Class of 2017, Toh Chin Chye Gold Medallist Institution Award, IMDA Gold Medallist, Microsoft Imagine Cup 2016 Winner, Singapore Computer Society IT Youth 2017 Finalist Award



Information Technology (IT) is the driving force behind many digital transformations we see and use today, including the Smart Nation vision. In Singapore, there continues to be a strong demand for IT professionals who are proficient in developing mobile apps to facilitate Smart Mobility; engineering software systems to provide for Smart Living; covering needs from consumer games to industrial applications.

Course Highlights

► Flexible Course Of Study

Choose any one of the five most in-demand areas in IT to focus on.

- Game Development
- Information Security
- Interaction Design
- Software Design
- Data Science

► Awesome Opportunities

We open doors for you to work with leading industry companies such as Microsoft, Accenture, GovTech, CrimsonLogic, KPMG, Singtel and Ubisoft Singapore through internship opportunities and project collaborations.

► Gain A Head Start for Local Universities

Diploma in Information Technology (DIT) offers an Advanced Math programme that will prepare you for your university

programme. At DIT, you can also earn advance credits for your future degree programme at DigiPen, or get exposure to Singapore Management University. You can do all of these, as a DIT student in SP!

Scholarships Available

- Centre for Strategic Infocomm Technologies (CSIT) Diploma Scholarship
- Infocomm Polytechnic (iPoly) Scholarship
- Industry Preparation for Pre-graduate (IPREP) Programme
- Singapore Polytechnic (SP) Scholarships

CAREER OPTIONS

- Analyst Programmer
- Computer Graphics Programmer
- Game Level Designer
- Game Programmer
- IT Business Analyst
- IT Consultant
- IT Executive
- Mobile Apps Developer
- Quality Assurance Tester
- Software Engineer
- Web Application Developer

FURTHER STUDIES

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

DIPLOMA IN MUSIC AND AUDIO TECHNOLOGY

DMAT
S97



I BELIEVE

"I always knew I wanted to do something related to music, but could never place a finger on how or what exactly I could do. DMAT's broad curriculum gave me the opportunity to discover the different facets of music production, eventually allowing me to hone in on the skills needed as a Sound Engineer and Producer."

- ROBIN WONG, Class of 2013, currently working as a Producer / Sound Engineer



The Diploma in Music and Audio Technology (DMAT) prepares you to be a music industry professional, producing musical content for the media and entertainment industry.

Our course enables you to integrate the different processes involved in the creation and production of musical content. You will be immersed in processes such as arranging, songwriting, performing, recording and mixing. Our blend of fun learning experiences, vibrant student environment and highly-experienced lecturers ensure that you will become an all-rounded music and industry professional.

Course Highlights

- ▶ **Creative and Vibrant Environment**
Immerse yourself in a creative and

vibrant environment. Participate in performances, events, social activities and immersion programmes.

▶ Highly-Experienced Lecturers

Exciting opportunities to work with our team of highly experienced lecturers on real-life music production projects under the Master-Apprenticeship model.

Our lecturers are actively engaged in industry projects and their knowledge of industry practice and excellence in teaching will provide you with a quality education.

Scholarships Available

- National Arts Council Scholarship
- Singapore Polytechnic (SP) Scholarships
- Singapore Polytechnic (SP) Sports and Arts Scholarship

CAREER OPTIONS

- Arts and Media Promoter/Manager
- Live Sound Engineer
- Music Arranger/Publisher/Producer/Composer
- Music Educator
- Recording Engineer
- Sound Designer

There are many career opportunities available with recording studios, game development companies, advertising agencies, educational institutions, broadcasting corporations and Internet / new media companies that require music and audio as part of their operations.

FURTHER STUDIES

Pursue further studies at reputable local or foreign universities. Many universities grant direct entry into the second or third year of relevant undergraduate degree courses. Graduates of DMAT have also been awarded local and overseas scholarships, and have studied in universities such as the National University of Singapore, Griffith University, University of Queensland, Keele University, Lancaster University, Berklee College of Music, California Institute of the Arts and Full Sail University.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

DIPLOMA IN VISUAL EFFECTS AND MOTION GRAPHICS

DVEMG
S39



I BELIEVE

"The time I spent in SP felt relatively short because I enjoyed most of it. DVEMG was the kickstarter of my career because it gave me an opportunity to partake in an internship with University of California Los Angeles (UCLA) during my final year. The internship not only opened my eyes to the industry but also sparked my interest in motion graphics."

- SCOTTIE LIM, Class of 2012, Motion Designer at Click 3X

ART LIVES HERE

We make superheroes whiz across the clouded skies, add a rainbow just for your eyes.

We create places not found on Earth and stories with plot device.

We are the unsung heroes that forge visual harmony, spawn wounds that have no pain.

We are different, but not insane.

We are DVEMG. ART lives here.

Course Highlights

- ▶ Your own workspace. Make it look your own!
- ▶ A powerful workstation packed with everything you need to unleash that creativity.
- ▶ Most importantly, experienced lecturers who are just as passionate as you are in visual effects and motion graphics.

Scholarships Available

- Singapore Polytechnic (SP) Scholarships
- Singapore Polytechnic (SP) Sports and Arts Scholarship

CAREER OPTIONS

- 3D Modeller
- Composer
- Digital Artist
- Digital Matte / Texture Painter
- Effects Animator
- Matchmoving / Camera Tracking Artist
- Motion Capture Artist
- Motion Graphics Designer
- Rotoscope Artist

FURTHER STUDIES

LOCALLY:

- Singapore Institute of Technology
- Digipen Institute of Technology
- Nanyang Technological University

OVERSEAS:

- Australia National University
- Savannah College of Art and Design

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-D

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 7
c) Any two other subjects:	1 - 6

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

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



1.

Students from the diploma courses offered by the School of Digital Media & Infocomm Technology (DMIT) have lots of overseas opportunities to stretch their minds. Among the exciting study and immersion trips they embarked on were in London (photo 1), Wellington (photo 2) and Seoul (photo 3).

Our graduates have also done well! Daniel Ho (photo 4) received the Public Service Commission scholarship to pursue an information security degree at National University of Singapore. Alvin Lee (photo 5) became the first Singaporean to be admitted to the very prestigious Beijing Film Academy to study film directing. Crystal Wong (photo 6) was hired by renowned video game publisher, BANDAI NAMCO Studios Singapore, upon completing her internship with them.



2.



3.



4.



5.



6.

- Aeronautical Engineering (S88)
- Aerospace Electronics (S90)
- Bioengineering (S58)
- Common Engineering Programme (S40)
- Computer Engineering (S53)
- Electrical & Electronic Engineering (S99)
- Energy Systems & Management (S45)
- Engineering with Business (S42)
- Engineering Systems (S33)
- Mechanical Engineering (S91)
- Mechatronics & Robotics (S73)

I CAN.... CHANGE MY WORLD

Everything around us is an engineering feat. Smartphones laptops and transport networks are masterpieces of engineers.

Join us and play a role in society that has never been more important than it is today!

At SP Engineering, you will harness your curious mind and translate ideas into creative solutions to better lives and shape the world around you; be it futuristic energy sources, robots with advanced intelligence, cutting-edge healthcare equipment or even complex aeronautical technology.

SP+KEITH

Diploma in
Aerospace Electronics

WHY SP Engineering?



You will be imbued with a combination of creativity, leadership and communication skills through the internationally recognised teaching methods in SP. You can seek viable solutions to the latest engineering challenges when you go on overseas or local attachments and internships in notable engineering firms and universities.

When you graduate and join our 35,000 strong engineering alumni, you know that you are at the start of a fulfilling career.

With SP Engineering, it's So Possible.



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

School of Electrical & Electronic Engineering Tel: (65) 6775-1133 Fax: (65) 6772-1974 Email: contactus@sp.edu.sg www.sp.edu.sg/eee
School of Mechanical & Aeronautical Engineering Tel: (65) 6775-1133 Fax: (65) 6772-1975 Email: contactus@sp.edu.sg www.sp.edu.sg/mae

DIPLOMA IN AERONAUTICAL ENGINEERING

**DARE
S88**



I BELIEVE

"My time at SP gave me the opportunities to learn more about real-life planes under the supervision of passionate lecturers.

My incredible internship at Xiamen also opened my eyes to the booming aerospace industry. Looking back, I am glad to have pursued Aeronautical Engineering at SP."

- **LOW HOCK AN**, DARE Gold Medallist, Class of 2017

CAREER OPTIONS

- Aeronautical Engineering Technologist
- Air Traffic Controller
- Air Transport Operators
- Aircraft Maintenance Engineer
- 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
- Planning Executive

FURTHER STUDIES

The Singapore Institute of Technology (SIT) and University of Glasgow have accredited the DARE course and allow its graduates to complete the Bachelor of Engineering (Honours) in Aeronautical Engineering and Bachelor of Engineering (Honours) in Aerospace Systems within two years at the Singapore Polytechnic campus.

During the three years of your DARE course, you can choose to complete three modules offered by SIM University to qualify for its two-year through-train degree programme in Bachelor of Engineering (Honours) in Aerospace Systems.

Qualified DARE graduates gain direct entry into Aeronautical and Mechanical Engineering degree courses. Local and overseas universities offering advanced standing of up to two years include:

- Nanyang Technological University
- National University of Singapore
- Singapore University of Technology & Design
- Embry-Riddle Aeronautical University, USA
- University of New South Wales, Australia
- Imperial College, UK



Our state-of-the-art laboratories simulate real working environments. Training facilities include an RSAF A4SU fighter jet, twin-engine general-purpose aircraft and helicopter as well as a full-motion 6DOF (Degree-of-Freedom) flight simulator developed and built in-house.

SP is the first to launch a Diploma in Aeronautical Engineering (DARE) course in Singapore. DARE has remained one of the most sought after Engineering diplomas since its inception in 2002. It 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 is not limited to, the Republic of Singapore Air Force, Singapore Airlines Engineering Company, Singapore Technologies Aerospace, Pratt & Whitney and Bombardier Aerospace Services Singapore.

Course Highlights

This course offers:

- ▶ A new AERO HUB to facilitate specialised training on aircraft, R&D on unmanned flying machines, flight simulation, propulsion systems, composite materials and operations of various aircraft systems.
- ▶ Alignment to Singapore Airworthiness Requirements (SAR 66).
- ▶ The opportunity to sit for the SAR 66 Basic Examinations for licensing Aircraft Maintenance Engineering while still in SP.
- ▶ Overseas Industrial Attachment Programmes at aerospace companies or universities.
- ▶ A semester-long project with aviation companies.
- ▶ A chance to obtain additional certification in Aviation Management.
- ▶ An optional 10-week concurrent course in "Commercial Airline Pilot Theory" which can bring you closer to realise your aspiration to become a pilot as well.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 12 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

It should be noted that applicants, particularly those who wish to pursue a career as a Licensed Aircraft Engineer (LAE), who have severe colour vision deficiency, uncontrolled epilepsy and hearing deficiency may encounter difficulties meeting the course requirements and expectations. Those with mild deficiencies in these areas are advised to contact Singapore Polytechnic for consultation.

DIPLOMA IN AEROSPACE ELECTRONICS

DASE
S90



You are excited about Fast Jets, Unmanned Aerial Vehicles, Unconventional Flying Objects or a career in the aerospace industry. The Diploma in Aerospace Electronics (DASE), the first aerospace diploma in Singapore, is your choice.

The knowledge and project development skills that you acquire from the course will prepare you well to work in a booming aerospace industry and further studies. If you aspire to be a pilot, with an optional 10-week concurrent course in "Commercial Pilot Theory", you can bring yourself closer to realising your dream.

Course Highlights

This course offers:

- ▶ A new AERO HUB that houses four aircraft where students can learn to conduct specialised functional and operational tests on aircraft avionic systems. There are also many laboratories and workshops for maintenance training as well as R&D work on unmanned machines.
 - ▶ A curriculum aligned to the "Singapore Airworthiness Requirements Part 66" (SAR 66) specified by the Civil Aviation Authority of Singapore (CAAS) for licensing of Aircraft Maintenance Engineer.
- ▶ An ability-driven course that offers optional certificate programmes such as Aviation Management and Advanced Modules programmes in addition to the DASE course to further prepare you for work and further studies.
- ▶ A curriculum that follows the CDIO (Conceive-Design-Implement-Operate) education framework, which is adopted in top engineering universities in the United States, Europe and Australia.
- ▶ Training facilities include a full-sized Airbus A320 cockpit to provide realistic maintenance and flight simulation.
- ▶ Advanced standing with 1 or 2 years of exemption for further studies in local and overseas universities.



I BELIEVE

"As a child, I was interested in engineering and made up my mind to pursue an aerospace related diploma at Singapore's first poly. With SP's state-of-the-arts facilities, I am provided with relevant and effective training by dedicated and experienced teaching staff. I am now one step closer to my dream of becoming an engineer."

- TAN YI XUAN, DASE Gold Medallist, Class of 2017 and recipient of the Singapore University of Technology scholarship.

CAREER OPTIONS

- Air Force Engineer (Maintenance)
- Assistant Engineer (Training and Simulation Systems)
- Assistant Engineer (Unmanned Vehicle System Design)
- Assistant Sales Engineer (Aerospace)
- Assistant Systems Integrator (Avionics)
- Flight Operations Officer
- Licensed Aircraft Maintenance Engineer
- Quality Assurance Officer (Aircraft Systems)

FURTHER STUDIES

You can gain advanced standing of one or two years of exemption in Aerospace Engineering, Electrical & Electronic Engineering or Computer Engineering degree courses in local and overseas universities.

The Singapore Institute of Technology (SIT) and University of Glasgow have accredited the DASE course for a two years exemption in their "Bachelor of Engineering (Honours) in Aerospace Systems" or "Bachelor of Engineering (Honours) in Aeronautical Engineering" degree programme.

The Singapore University of Social Sciences (SUSS) offers DASE graduates an accelerated part-time training path leading to a Bachelor of Engineering Degree (Honours) in Aerospace Systems.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6

- Biology
- Biotechnology
- Chemistry
- Computer Studies
- Design & Technology

- Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

It should be noted that applicants, particularly those who wish to pursue a career as a Licensed Aircraft Engineer (LAE), who have severe colour vision deficiency, uncontrolled epilepsy and hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with mild deficiencies in these areas are advised to contact Singapore Polytechnic for consideration.

DIPLOMA IN BIOENGINEERING

DBEN
S58



I BELIEVE

"The course has exposed me to a wide range of subjects and biomedical aspects related to the healthcare industry. The dedicated lecturers have also imparted relevant knowledge and taught me specific skills that prepare me well for a career in the Biomedical Engineering industry. With DBEN, I can pursue my dream to be a physiotherapist!"

- MUHAMMAD SHAFIEQ BIN MUHAMMAD NIZAM, DBEN Silver Medallist, Class of 2015, who will be pursuing a Degree in Physiotherapy under a Healthcare Merit Award Scholarship after his national service.



The Diploma in Bioengineering (DBEN) is a multi-disciplinary course providing students a solid foundation for a promising career in the biomedical sciences and healthcare sectors. The balanced grounding in Mechanical Engineering, Electrical Engineering and Life Sciences is instrumental in developing skills to arrive at viable bioengineering solutions. Our graduates are valuable assets to the rapidly advancing bioengineering industry that constantly churns out innovative equipment and procedures. They collaborate with engineers, doctors and scientists to upgrade health standards and improve the quality of life. Our graduates are valuable assets for the rapidly advancing biomedical sciences industry that constantly churn out ground breaking equipment and innovative procedures!

Course Highlights

This course offers:

- ▶ Multi-disciplinary training in Engineering, Regulations, and Biology
- ▶ Certificate in healthcare innovation for further exposure to multi-disciplinary teamwork and entrepreneurial skills.
- ▶ Attachment to local and overseas hospitals, universities, leading medical technology companies, and research institutes for collaborative industrial projects.
- ▶ R&D projects for first-hand knowledge in areas such as Human Interface Technology and Assistive Technology.

CAREER OPTIONS

Bioengineering graduates can look forward to a wide range of career options in:

- Manufacturing, testing and quality control of biomedical products
- Maintenance and commissioning of biomedical equipment and systems
- Design and development of biomedical devices

Prospective employers include medical technology manufacturers, pharmaceutical companies, hospitals, research institutes and even corporations not directly related to bioengineering.

Some possible jobs include:

- Bioengineering Technologist
- Medical Device / Equipment Application Assistant Engineer
- Medical Device Design Assistant Engineer
- Medical Equipment Technologist
- Quality Control / Assurance Assistant Engineer
- Regulatory Affairs Specialist

FURTHER STUDIES

Nanyang Technological University has accredited DBEN with 2nd year direct entry to:

- Bioengineering
- Mechanical Engineering
- Materials Engineering

And with module exemptions for Biological Sciences degree.

Examples of local and overseas universities offering either module exemptions or advanced standing up to two years include:

- National University of Singapore
- Sheffield University (UK)
- University of Adelaide (Australia)
- University of Western Australia (Australia)

Our DBEN graduates have also been accepted into prestigious universities such as Imperial College and University of Edinburgh.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
● Biology	● Fundamentals of Electronics
● Biotechnology	● Physics
● Chemistry	● Science (Chemistry, Biology)
● Computer Studies	● Science (Physics, Biology)
● Design & Technology	● Science (Physics, Chemistry)

COMMON ENGINEERING PROGRAMME

DCEP
S40

The Common Engineering Programme has a specially crafted curriculum for those passionate about Engineering but need guidance on the discipline to specialise in.

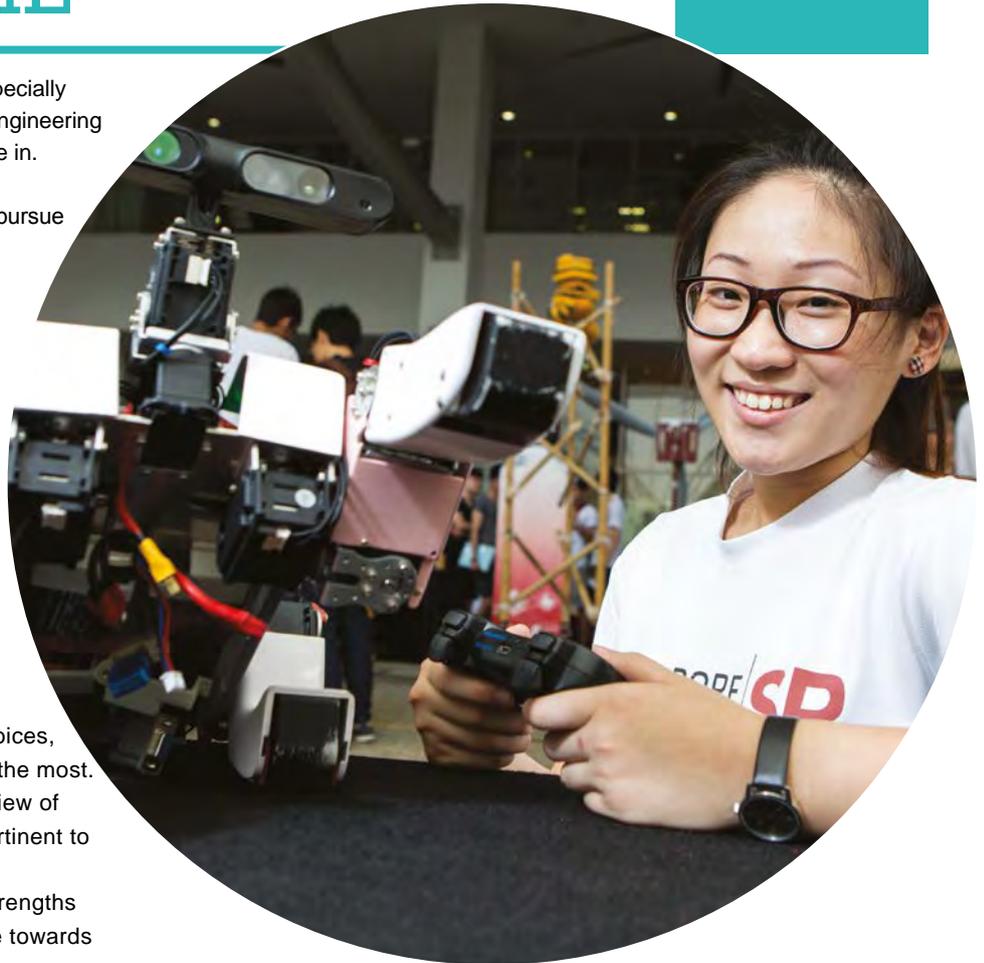
After the first semester, the student chooses to pursue one of nine established engineering diplomas offered by the School of MAE and EEE:

- Aeronautical Engineering (S88)
- Aerospace Electronics (S90)
- Bioengineering (S58)
- Computer Engineering (S53)
- Electrical and Electronic Engineering (S99)
- Engineering Systems (S33)
- Energy Systems and Management (S45)
- Mechanical Engineering (S91)
- Mechatronics and Robotics (S73)

Course Highlights

This programme:

- ▶ Offers you a wide range of engineering choices, giving you an insight to what interests you the most.
- ▶ Begins with a semester that gives an overview of the skills, competencies and equipment pertinent to various technologies.
- ▶ The comprehensive exposure ascertains strengths and interests leading to an informed choice towards the intended career path.



ENTRY REQUIREMENTS

2017 JAE ELR2B2: 15 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6

- | | |
|--|--|
| <ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology | <ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry) |
|--|--|

I BELIEVE

"The experience and exposure enabled me to discover my interests and strength. DCEP has shown me the course that leads to my aspiration after one semester."

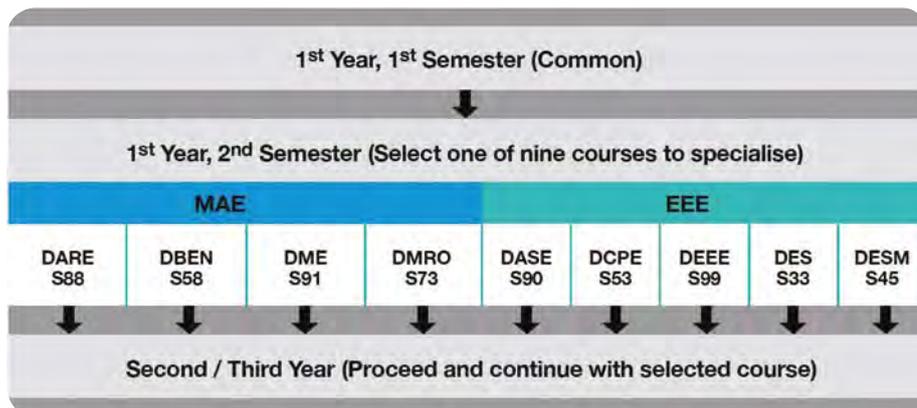
- ZHANG RUNZE, DCEP Student, Class of 2014.

CAREER OPTIONS

To be streamed into one of the engineering courses listed after one semester in SP.

FURTHER STUDIES

Depending on your specialisation, you can continue to pursue an engineering degree programme at local or foreign universities.





Course Highlights

This course offers:

- ▶ 40 SingTel Engineering Cadet Scholarships for DCPE students, covering tuition fees, monthly allowance and laptop allowance during Year two and three of the course.
- ▶ A wide variety of specialisation options in Computer Applications, Cyber Security, Cloud Computing, Smart City Technologies (Internet of Things and Data Analytics) and Infocomm Technologies.
- ▶ Alignment with industrial certifications such as CCNA, RHCSA, CompTIA Cloud Essentials, CCNA Security / CompTIA Security+ to enhance your career prospects.
- ▶ An edge in the Cloud Computing technology, via hands-on experiential learning opportunities in our Cloud Computing Centre (the only one of its kind in Singapore).
- ▶ Generous credit exemptions from local and overseas universities for Computer Science / Engineering, Infocomm Engineering, and Electronic Engineering degree courses.
- ▶ Semester-long internship opportunities at reputable companies for exposure to various aspects of computing, networking and research.
- ▶ The opportunity to develop your full potential through our Engineering Academy programme.

Computer Engineering is a discipline about the hardware and software aspects of computer science. Computers are unarguably the heart of any modern, high-tech systems, be it “Smart City”, fighter planes, medical instruments, automobiles, public transportation systems, 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, Computer Hardware – Software Integration, Cloud Computing, Computer Programming and Mathematics, empowering you to meet the challenges of the digital world.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 17 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6

<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)
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I BELIEVE

“During my internship at the Defence

Science Organization (DSO), I did research on machine learning and data mining in the aspect of computer networks and cyber security. This allowed me to understand how technology can help improve many aspects of our livelihood, from defending the nation to solving real world problems in an innovative and exciting way.”

- BENEDICT LEE WEI ZHENG,
DCPE Gold Medallist and Lee Kuan Yew Award winner, Class of 2017

CAREER OPTIONS

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

FURTHER STUDIES

There are plenty of degree programmes that DCPE graduates may apply for. You can gain direct entry into the second year of local universities to pursue a degree in Electrical & Electronic Engineering and/or advance placements in Computer Engineering. You will be eligible for advance placements in Computer Science / Engineering, Network Engineering, Information Systems Engineering and Electrical & Electronic Engineering in universities in Australia, New Zealand and United Kingdom.

DIPLOMA IN ELECTRICAL & ELECTRONIC ENGINEERING

DEEE
S99



I BELIEVE

"Having gone through SP's DEEE course, the one thing I can say is that my lecturers always relate their teaching to real life scenarios and practical applications. This has helped me develop a logical approach to problem solving which has benefited me in my past projects and I am sure, it will benefit me in future projects as well."

- Pavan Singh Gill, DEEE Gold Medallist, Class of 2016.

The Diploma in Electrical & Electronic Engineering (DEEE) is an established engineering course with a history of more than 50 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 & overseas). Our DEEE course will prepare you to be a competent and a much sought after technologist and give you the opportunities to participate in the creation of new and vital technologies which are antidotes to most problems in future.

This broad-based course includes the making of the semiconductor chips for smartphones, handling of cutting-edge healthcare equipment and huge power generation plants. DEEE graduates are in high demand with numerous career opportunities from an extensive scope of industries such as: aerospace, biomedical, automation, telecommunication, electrical engineering, microelectronics and more.

Course Highlights

This course offers:

- ▶ A flexible curriculum with a choice of 7 double-specialisation tracks (Aerospace + Communication, Biomedical + Robotics & Control, Computer + Communication, Microelectronics + Nanoelectronics, Microelectronics + Robotics & Control, Power + Control and Rapid Transit Technology + Communication).
- ▶ A 12-week or 22-week enhanced internship programme at reputable companies to deepen your skills and provide you with exposure to real world projects.
- ▶ The option to complete the academic programme in six semesters that includes a 12-week internship & final year project or in five semesters and use the last semester to go for a 22-week internship.
- ▶ Generous credit exemptions from local and overseas universities for Electrical and Electronic Engineering degree courses.
- ▶ A curriculum that follows the CDIO (Conceive- Design- Implement-Operate) framework, which is used in top universities in the United States, Europe and Australia.

CAREER OPTIONS

Some possible careers include:

- Assistant Electrical Engineer
- Assistant Electronics Engineer
- Assistant Process Engineer
- Assistant Project Engineer
- Assistant Quality Engineer
- Assistant Test Engineer
- Aircraft Maintenance Engineer
- Biomedical Equipment Service Engineer
- Field Service Assistant Engineer
- IT Support Engineer
- Maintenance Assistant Engineer
- Material Planner
- Technical Officer (Control & Instrumentation)
- Technical Officer (Power Distribution System)

Your diploma is recognised by Energy Marketing Authority (EMA) for the application of Electrical Technician License if you want to specialise in Power + Control Engineering.

If you take a specialisation in Aerospace + Communication Engineering, you can have a competitive edge when taking the SAR 66 examinations conducted by the Civil Aviation Authority of Singapore for Licensing of Aircraft Maintenance Engineers

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 18 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

It should be noted that applicants, particularly those who wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), with colour vision deficiency may encounter difficulties meeting the course requirements and expectations, as normal colour vision is required by the Energy Market Authority (EMA) of Singapore. Those with mild colour deficiency are required to undergo an in-house test. Interested applicants with this condition are highly encouraged to contact Singapore Polytechnic for more information.

FURTHER STUDIES

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

DIPLOMA IN ENERGY SYSTEMS & MANAGEMENT

DESM
\$45



Energy is the main driver of Singapore's economy and it is with us everywhere, all the time. Energy systems secure the operation of our daily life gadgets, household appliances, commercial centres, transportation system and water supply system.

With fossil fuels like coal, oil and gas depleting, and the increasing threat of global warming, there is a pressing need to optimise the energy system and manage the supply of energy efficiently.

The Diploma in Energy Systems and Management (DESM) will train you in three energy areas:

Clean energy, power engineering and, energy efficiency and management.

DESM will give you the knowledge and technical skills to tackle the energy-related challenges of the future, and to ensure the energy sustainability of the Singapore economy.

Energy demand to sustain Singapore's economic growth is expected to increase over the years, creating high quality jobs.

The DESM course will transform you into a new generation technologist, managing the energy systems in sustainable ways.

Course Highlights

This course offers:

- ▶ Pioneering research in clean energy, as the first polytechnic to set up a solar and wind energy system in Singapore.
- ▶ Overseas industrial training programmes in Germany, Australia, Japan, China and Thailand.
- ▶ Six-month internship in leading industrial companies.

- ▶ Eligibility to apply for the Professional Electrical Licence issued by Energy Market Authority (EMA).
- ▶ Deep understanding in Power Engineering, Energy Efficiency and Management, Clean Energy Technologies, Energy Storage and Smart Grid Technology.
- ▶ Greater prospects for further studies; graduates of this course have been awarded with scholarships from EMA, A*STAR, SPRING Singapore, BCA-Industry, Singapore Power, Hitachi Asia, Senoko Energy, NUS, NTU and SUTD.

CAREER OPTIONS

- Assistant Electrical Engineer
- Assistant Engineer (PV System)
- Assistant Field Services Engineer
- Electrical Service Assistant Engineer
- Energy Audit Assistant
- Facilities Management Assistant Engineer
- Technical Officer (Power Distribution System)



I BELIEVE

"I used to think that clean energy alone can improve the environment. However my perspective changed when I enrolled in DESM and learnt that energy management is just as crucial.

In DESM, I picked up critical skills and knowledge including the different types of renewable energy sources and how cities are powered through its power transmission and distribution systems. I was even exposed to smart technologies that help us monitor our systems.

I am now well equipped with the knowledge and practical skills needed for me to further my studies as well as my career in this industry."

- Joanna Lum Jia Min, DESM Gold Medallist, Class of 2017

FURTHER STUDIES

You can pursue a degree in engineering at most local universities including National University of Singapore (NUS); Nanyang Technological University (NTU); Singapore University of Technology & Design (SUTD) and Singapore Institute of Technology (SIT).

You can also pursue an energy-related degree offered by the following prestigious overseas universities: University College of London (UCL) (UK); University of Southampton (UK); University of Manchester (UK); University of Edinburgh (UK); Australian National University (Australia), University of New South Wales (Australia), University of Sydney (Australia), Murdoch University (Australia), University of Western Australia, the Munich University of Applied Sciences (Germany) and Swiss Lucerne University of Applied Science and Art.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 21 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

It should be noted that applicants, particularly those who wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), with colour vision deficiency may encounter difficulties meeting the course requirements and expectations, as normal colour vision is required by the Energy Market Authority (EMA) of Singapore. Those with mild colour deficiency are required to undergo an in-house test. Interested applicants with this condition are highly encouraged to contact Singapore Polytechnic for more information.



I BELIEVE

"The Diploma in Engineering with Business (DEB) is without a doubt, an innovative course as it provided me with numerous learning opportunities to build and market my own prototype. Under the guidance of experienced lecturers, I was exposed to up-to-date technology which includes 3D printing, laser cutting and marketing intelligence software. DEB has definitely prepared me to be a business savvy engineer!"

- VINCENT CHIN, DEB Gold Medallist, Class Of 2016, who received the National University of Singapore Merit Scholarship to read Electrical Engineering under the Global Engineering Programme

In this constantly changing world, conducting business without a good understanding of new technologies is a challenge. Similarly, a good engineer should have knowledge and skills in business.

The Diploma in Engineering with Business gives you the best of both worlds and will train you to be a business-savvy engineer. Get ready to be the entrepreneurial engineer.

If you are interested in mathematics, science and technology, but aren't sure about pursuing a pure engineering course, this is the right choice for you!

In this course, you will acquire knowledge and skills in electrical and mechanical engineering principles and enabling technologies. You will spend a third of your time learning and applying business concepts to engineering products and businesses.

Course Highlights

This course offers:

- ▶ The opportunity to learn from three SP schools – School of Electrical & Electronic Engineering, School of Mechanical and Aeronautical Engineering and SP Business School.
- ▶ Integration of engineering and business knowledge with a strong focus on technopreneurship.
- ▶ A semester-long internship programme in world-class companies.
- ▶ First-hand experience in foreign business and work culture through overseas programmes.
- ▶ A proven track record with students admitted to NUS, NTU, SMU, SUTD and SIT.

CAREER OPTIONS

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

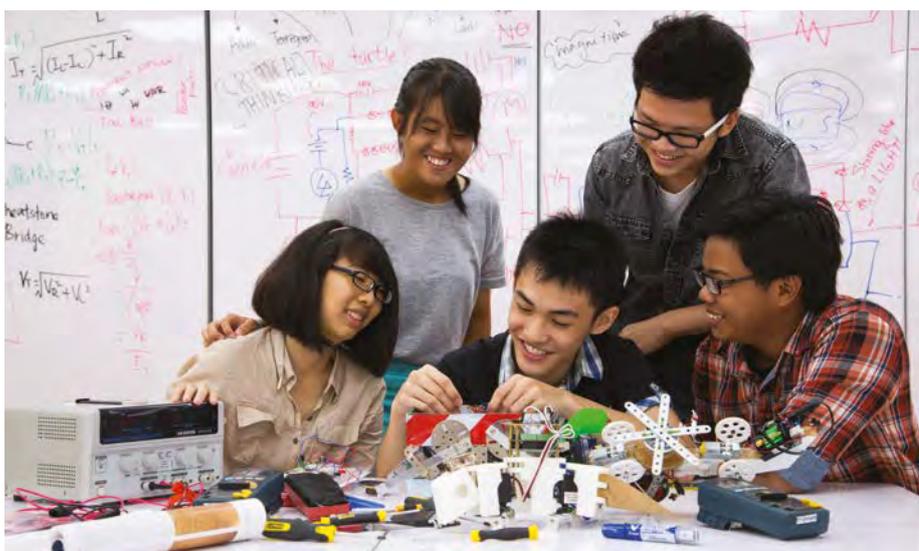
ENTRY REQUIREMENTS

2017 JAE ELR2B2: 14 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

FURTHER STUDIES

You have the flexibility to further your studies in engineering, business or similar inter-disciplinary programmes in both local and overseas universities. You can get advanced standing when you take up engineering or business degree programmes.



The Diploma in Engineering Systems (DES) course is a multidisciplinary course imparting knowledge and skills in mechanical, electrical, electronic and computer engineering and enables students to conceptualise, design, develop and integrate engineering products and systems.

The knowledge and skills acquired through the course will be relevant and aligned with the needs of a Smart Nation.

Course Highlights

This course offers:

- ▶ The course curriculum develops students to be independent learners having the skills to design and build innovative engineering products and systems.
- ▶ A curriculum developed alongside the industry to provide authentic learning and develop relevant skill sets.
- ▶ Two final year specialisations to meet the manpower demands in smart systems and urban transport.
- ▶ The course received strong endorsement from renowned companies and organisations such as LTA, SMRT, SBST, PSA etc.
- ▶ Hands-on practical engineering experience during the semester-long Internship Programme that is based on industry and / or research collaborations.
- ▶ Prestigious scholarships by external organisations (eg. A*STAR Science Award, SMRT Scholarship and etc.) and SP (eg. SPOT and etc).

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 21 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> ● Biology ● Biotechnology ● Chemistry ● Computer Studies ● Design & Technology 	<ul style="list-style-type: none"> ● Fundamentals of Electronics ● Physics ● Science (Chemistry, Biology) ● Science (Physics, Biology) ● Science (Physics, Chemistry)

It should be noted that applicants, particularly those who wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), with colour vision deficiency may encounter difficulties meeting the course requirements and expectations, as normal colour vision is required by the Energy Market Authority (EMA) of Singapore. Those with mild colour deficiency are required to undergo an in-house test. Interested applicants with this condition are highly encouraged to contact Singapore Polytechnic for more information.



I BELIEVE

"DES combines different disciplines and created an amazing combination that is highly relevant to the industry. The DES modules nurtured my interest in Engineering over time."

The course encourages self-exploration, with possibilities of making new discoveries in the world of Engineering. My internship at SICK Product Center Asia Pte Ltd showed me how important and relevant it is in the industry to be multi-disciplined. Completing this course has opened a new world of possibilities for me."

- NOVEN LEE, DES Gold Medallist, Class of 2017

CAREER OPTIONS

- Assistant Application Engineer
- Assistant Product Development Engineer
- Assistant Project Engineer
- Assistant System Engineer
- Assistant Engineer (Automation)
- Assistant Engineer (Application Development)
- Assistant Engineer (System Integration Management)

FURTHER STUDIES

You may further your studies in Engineering with a major in Engineering Product Development or Engineering Systems and Design at the Singapore University of Technology and Design (SUTD) or pursue an Engineering degree at the National University of Singapore (NUS) and Nanyang Technological University (NTU). You may also get advanced standing when you pursue Engineering Programmes in Australia, UK and USA.

DIPLOMA IN MECHANICAL ENGINEERING

DME
S91



I BELIEVE

"I had an enriching time in the DME course and never regretted choosing it. Mechanical Engineering is the basis for almost every other engineering fields and the strong foundation I have built here will serve me in good stead."

- CHIN GUAN WEI, DME Gold Medallist and Lee Kuan Yew Award winner, Class of 2015 who will be pursuing a Degree in Mechanical Engineering at Nanyang Technological University under the Nanyang Scholarship after his national service.



This is Singapore's first Engineering course, offered since 1958, and it has since remained the island's de facto first-choice Mechanical Engineering diploma course.

We are constantly reinventing 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 final year, you will be streamed in one of six technology options. Many graduates have built successful careers in Engineering. Some are leading large corporations or have started their own business.

Course Highlights

This course offers:

- ▶ CDIO (Conceive-Design-Implement-Operate) framework and Design Thinking methodology.
- ▶ Streaming into one of the following technology options: Aerospace Technology, Energy Systems, Facilities Management, Machine Design, Precision Engineering, Product Realisation.
- ▶ Internships with reputable organisations and exposure to real-world projects.
- ▶ An opportunity to obtain additional certification in:
 - Aviation Management
 - Design Thinking
 - Business

CAREER OPTIONS

- Assistant Aircraft Maintenance 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 Mechanical Engineer
- Assistant Project Engineer
- Assistant Quality Engineer
- Assistant R&D (Research & Development) Engineer
- Assistant Tooling Engineer

FURTHER STUDIES

You can gain advanced standing of up to two years in mechanical engineering degree courses at local and overseas universities, such as:

- Nanyang Technological University
- National University of Singapore
- Singapore University of Technology & Design
- Singapore Institute of Technology (University of Glasgow and Newcastle University)
- Imperial College
- University of Manchester
- University of Birmingham
- University of New South Wales
- RMIT University

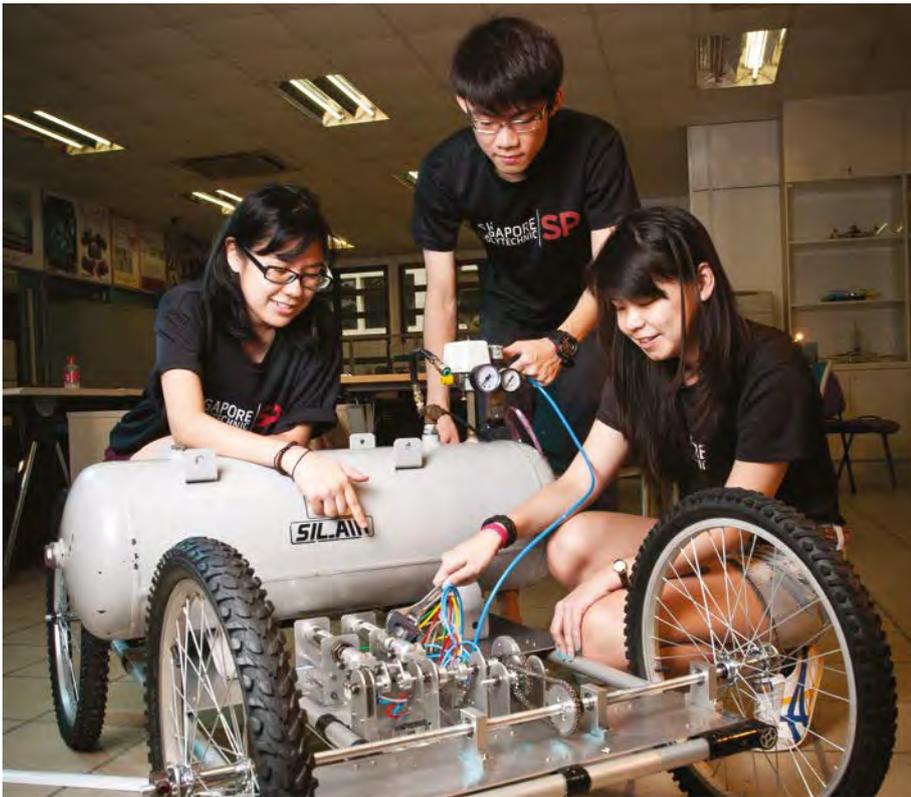
ENTRY REQUIREMENTS

2017 JAE ELR2B2: 16 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6

- Biology
- Biotechnology
- Chemistry
- Computer Studies
- Design & Technology

- Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)



SP launched Singapore's first Diploma in Mechatronics and Robotics (DMRO) course in 1991 to meet the niche demand for cross disciplinary Engineers in precision engineering work. We have since diversified to meet the increasing demand for multi-disciplinary Engineers especially in the emerging fields of Automotive, Nanotechnology and Space. Training has gone beyond the core areas of Mechanical Engineering and Electronics to include a plethora of skills in IT, programming and design.

As a DMRO student, you will work with renowned industry partners during the Internship Programme and participate in high-profile robotics competitions locally and internationally.

Course Highlights

This course offers:

- ▶ The chance to branch out into other fields of Engineering.
- ▶ Multi-skills and knowledge that cover Mechanical Engineering, Electronics and Computer Technology.
- ▶ Real and relevant first-hand work experience and engaging projects with reputable organisations.
- ▶ The opportunity to obtain additional certification in Aviation Management, Business, Digital Media Creation, Design Thinking and also Software Programming & Applications.



I BELIEVE

"The hands-on curriculum of the DMRO course gave me not just excellent engineering fundamentals but also hands-on capabilities. DMRO is a unique course that combines traditional engineering disciplines like Mechanical, Electrical, Electronic and Programming.

This allows graduates like myself to be versatile in the ever-changing world of engineering. My most memorable experience was my Final Year Project where I worked with one of the world's leading sensor company, SICK AG Pte Ltd.

We designed and fabricated a concept prototype of an indoor autonomous robotic mobility vehicle for airports. This experience helped me to develop my technical abilities like designing and fabricating and soft skills like leadership, team work and communication skills that will help me in my future studies and career."

- PHEH JING JIE, DMRO Gold Medallist, Class of 2017

CAREER OPTIONS

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 13 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6

- Biology
- Biotechnology
- Chemistry
- Computer Studies
- Design & Technology

- Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

FURTHER STUDIES

DMRO graduates gain direct entry into the second year of related Engineering degree courses at local and overseas universities such as:

- Nanyang Technological University
- National University of Singapore
- Singapore University of Technology & Design
- Singapore Institute of Technology
- Newcastle University
- Technische Universität München
- University of Glasgow
- DigiPen Institute of Technology

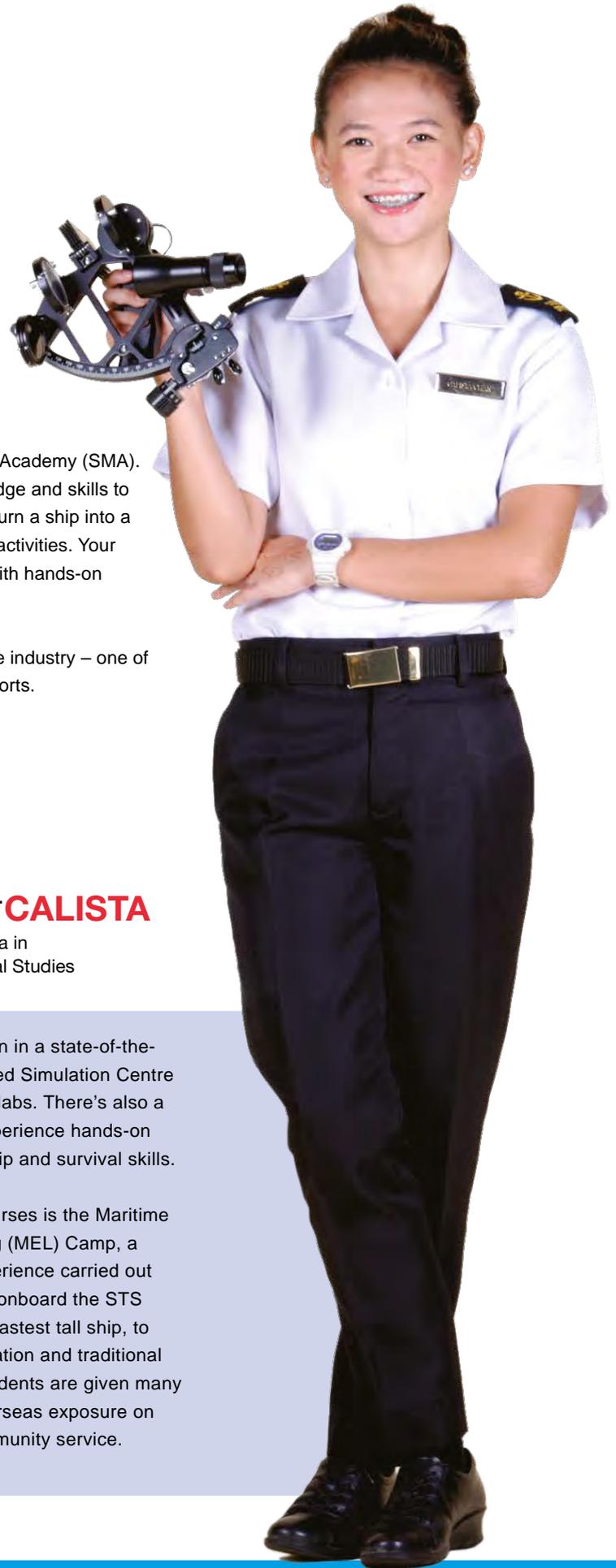
- Marine Engineering (S63)
- Maritime Business (S74)
- Nautical Studies (DAE)

I CAN....

CHOOSE MY OWN ADVENTURE

Go on an adventure and ride the waves with the 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 growing maritime industry – one of the world's busiest seaport and one of the world's largest container ports.



WHY
SMA?



SP+CALISTA

Diploma in
Nautical Studies

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

A highlight of our courses is the Maritime Experiential Learning (MEL) Camp, a floating campus experience carried out onboard a ship. Sail onboard the STS Pallada, the world's fastest tall ship, to learn practical navigation and traditional sailing skills. Our students are given many opportunities for overseas exposure on study tours and community service.

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

Singapore Maritime Academy Tel: (65) 6775-1133 Fax: (65) 6772-1958 Email: contactus@sp.edu.sg www.sp.edu.sg/sma

DIPLOMA IN MARITIME BUSINESS

DMB
S74



I BELIEVE

"SP's DMB course was my first choice as I knew that I will be learning in a robust and dynamic environment. The knowledgeable and engaging lecturers shared their rich experiences and exposed us to the realities of the Maritime industry. It has truly been an enriching time at SP for me."

- **AARON GOH**, DMB Gold Medallist and Chua Chor Teck Gold Medal winner, Class of 2015, who plans to pursue a business degree with a local university or pursue a maritime degree at the University of Plymouth (UK) under the Singapore Maritime Foundation Scholarship after his national service.



If you are looking for a challenging and rewarding career in the maritime industry without having to go to sea, take the Diploma in Maritime Business (DMB).

As the world's busiest seaport and one of the world's 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

On graduation, DMB graduates are highly sought after for appointments as junior executives in organisations running ship owning/management; ship broking/chartering; ship/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\$2000

FURTHER STUDIES

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

With our strong collaboration with foreign universities, you may gain direct entry into a number of maritime programmes offered by overseas universities such as into the third year of a four-year programme at Chung-Ang University in South Korea or the State University of New York (SUNY) Maritime College in the United States for graduates who obtain more than 3.0 GPA. They may also gain direct entry into the third final year of the Plymouth University in the United Kingdom maritime degree programme.

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 18 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

DIPLOMA IN MARINE ENGINEERING

**DMR
S63**

The Diploma in Marine Engineering (DMR) course encompasses various engineering disciplines that is required to make you 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 they would require in the workplace, be it onboard a ship or a shore-based establishment.

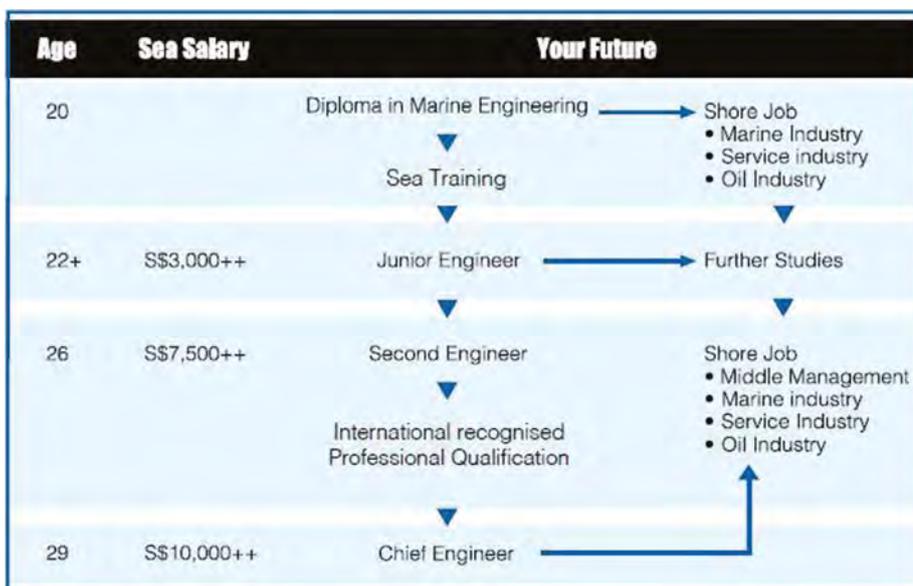
You will have the special opportunity to choose between a sea-going or shore-based route during your third year.



I BELIEVE

"The DMR course has prepared me for the challenges of working on board a ship or in a shore based establishment. With real-life experiences from my internship, I am now determined to make my mark as a marine engineer."

- ALISTAIR TEO GUO HAO, DMR
Gold Medallist, Class of 2017



ENTRY REQUIREMENTS

2017 JAE ELR2B2: 17 Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) One of the following 3rd relevant subjects	1 - 6
<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Design & Technology • Fundamentals of Electronics 	<ul style="list-style-type: none"> • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)

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

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 options and opportunities await our graduates. Our graduates are 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.

FURTHER STUDIES

You can gain direct entry into related engineering degree programmes in NUS, NTU and overseas 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).

DIPLOMA IN NAUTICAL STUDIES

DNS – DAE

(Offered under Direct Admissions Exercise)

"Today, more than ever, seafaring is a job that demands highly trained and qualified personnel. Modern ships are designed and built to the highest technical standards and require crew members with a high level of professional competence. To operate them safely and efficiently is a stimulating job in a truly hi-tech workplace. But more than that, a successful seafaring career also holds the promise of a rewarding career ashore, after retiring from the sea." Mr. Kitack Lim, Secretary-General, International Maritime Organisation.

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

Course Highlights

- ▶ A double award programme that awards you both a diploma and the internationally recognised professional Class 3 Certificate of Competency (CoC) qualification that allows you to sail as a certified sea-going officer worldwide
- ▶ Attractive incentives and pay-out offered by the Maritime and Port Authority of Singapore on completion of internship and attaining your Class 3 CoC
- ▶ An extensive programme that prepares you to be versatile, equipping you with competencies to sail in any type of ship of any size worldwide
- ▶ A 12-month sea training phase which gives you first-hand experience in working on board a vessel
- ▶ Attractive salaries and great career advancement prospects - a junior officer's salary starts at \$3,000



I BELIEVE

"America, Europe, China and the Middle East are some of the countries I visited during my one-year internship with international shipping firm APL. As a member of the ship's crew, I learnt to maintain a ship and navigate the seas. It has been a challenging yet enriching experience that I will never forget."

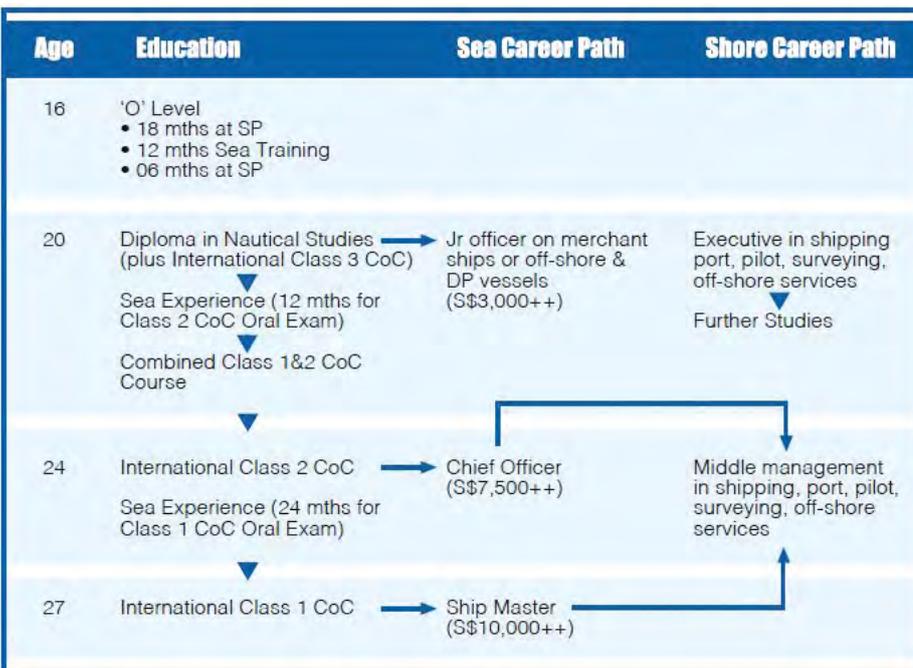
- AMELIA SUE PICKERING, DNS Gold Medallist, Class of 2017

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.

FURTHER STUDIES

With a DNS diploma, you can gain direct entry into relevant degree courses overseas. If you are considering a sea career, you can pursue a Bachelor degree in Navigation & Maritime Science offered by the University of Plymouth (UK).



ENTRY REQUIREMENTS

2017 JAE ELR2B2: N.A. Aggregate Type: ELR2B2-C

Subject	Grade
a) English Language	1 - 7
b) Mathematics (Elementary / Additional)	1 - 6
c) Any two other subjects:	1 - 6

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

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

- Applicants must ensure that they have good eyesight (i.e. visual acuity unaided of 6/60 in both eyes and with visual aids of 6/6 in the better eye and at least 6/9 in the other eye). Applicants must show proof of having passed the Maritime and Port Authority of Singapore (MPA) Sight Test which is conducted at the Singapore Polytechnic Optometry Centre or by General Practitioners.
- All applicants must pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).
- All applicants must be sponsored by a Singapore shipping company. Shortlisted candidates will be required to attend an interview conducted by the Singapore Maritime Academy. International students are required to find a Singapore shipping company of their choice that is prepared to offer them an internship for phase 2 of this course.

I can **stay ahead** of the curve

The opportunities
I get at SP are bountiful.

With my experiences,
I am better prepared for my future.

With **SP**, it's So Possible



SP Open House 2018

4-6 JAN 10AM to 6PM



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Get all the details at openhouse.sp.edu.sg. SP is located at 500 Dover Road, right next to Dover MRT Station.



SP Open House 2018

4-6 JAN 10AM to 6PM

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Polytechnic
Open House
2018!



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- Financial Assistance
- Student Fee Enquiry (Full-Time Diploma)

Tel: 67751133

Email: contactus@sp.edu.sg

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