THE CHOICE OF 180,000

THE Right CHOICE

SP+U OPEN HOUSE 2013
5, 7 & 8 JANUARY

Pick the RIGHT COURSE

50 EXCITING DIPLOMA COURSES

JAE 2013
Your Guide to join Singapore's 1st Poly
YOU FORESEE YOUR FUTURE
SP ENABLES IT

You want to be equipped for the world, to look forward to a future that shines. With real world opportunities and hands-on skills, we’ll get you to where you want to be.

With SP, it’s so possible.

Visit aspirations.sg for more.

SP+U
OPEN HOUSE 2013
SP+U
OPEN HOUSE 2013
5, 7 & 8 JANUARY
11am to 6pm

Open House Highlights

Course Counselling @ SP Convention Centre
5, 7 & 8 Jan, 11am to 6pm
Course counselling is also available from 11am to 6pm
during the JAE application period which is right after
the release of GCE ‘O’ level results. Our dedicated staff will
answer all your questions about SP courses, scholarships,
JAE and admission matters.

Life@SP at Open Plaza
Get a life! Get to know SP’s CCA Clubs with live demos
and performances. Try your hand at archery, paintball
and slacklining. Grab some good bargains at the
Bazaar. Awesome goodie bags while stocks last!

Campus Tours
Take a ride on our campus tour bus for quick access to
the key facilities at SP. You’ll enjoy the inviting allure of
greenery all around our eco-friendly campus - winner of
the President’s Award for the Environment.

Parents’ Forum @ Lecture Theatre 1A
5 Jan (Saturday) 10.30am and 2.30pm
Help your child choose the right course. The forum will cover
the changing poly landscape, admission and further education
opportunities. An education expert will guide your child to make
an informed choice based on his/her interest.

Course and Career Seminar @ SP Auditorium
11 Jan (Friday) 7.30pm & 8.30pm
Featuring talks on SP diploma courses, career opportunities and
scholarships to help you make the right choice. Lecturers and
students will be on site to answer your questions.

Visit aspirations.sg or
scan this code for details
on SP Open House 2013.

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youtube.com/singaporepolytechnic
www.sp.edu.sg

Singapore Polytechnic: 500, Dover Road, right next to Dover MRT Station
Creative concept by The Student Agency, SP Design School
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The Polytechnic reserves the right to alter the information in this publication. Information is correct as at 1 January 2013.
WHY I CHOOSE SP

ONG CLINTON – CLASS OF 2010
DIPLOMA IN BUSINESS ADMINISTRATION

It was during my secondary school days at Anglican High School that I was first exposed to business operations. I had the opportunity to lead a team of student councillors in the Recreation and Enterprise Committee to run a shop that sells ice-cream and rents push carts. The experience sparked my interest in business. I was only a 16-year-old then but already had a strong desire for business knowledge and skills. Therefore, I made the decision to pursue a polytechnic education despite having grades that were good enough to land me a spot in one of the top junior colleges. Singapore Polytechnic’s (SP) reputation as an excellent educational institution and its wide array of diploma courses offered were some of the compelling reasons why I chose SP as my first choice. I opted for the Diploma in Business Administration course because I believed it would give me the opportunity to take up modules that encompass different aspects of business operations such as accounting, marketing, human resource management and law.

My SP journey was extremely enriching and fulfilling. I benefitted from the rigour and flexibility of the SP’s learning system. The diploma courses at SP are demanding; it’s wrong to think otherwise. SP is always challenging its students to apply theoretical knowledge to real-life scenarios. Apart from projects and tests, SP also provides other platforms such as competitions and internships for students to put what they have learnt in classrooms to practical use. This is now known as authentic learning. I had the privilege to intern at the Ras Al Khaimah Free Trade Zone Authority in the United Arab Emirates as part of my industrial training requirement. Doing an internship overseas not only put to test the skills that I have learnt from core modules such as Marketing Research and Statistics, but it also gave me the chance to relate modules such as Understanding Cross Cultural Diversity to the real world.

The flexibility in SP’s timetable allowed me to join CCAs and work part-time during my free periods. As the Vice-president of the SP Business School Club, I had the chance to organise events such as the Freshmen Orientation Camp and the Annual Dinner and Dance for students. In addition, as all clubs and societies in SP are entirely student-run, I had the chance to draw up proposals for new events, work out budgets, collaborate with corporate clients for sponsorship deals and widen my social network.

That was not all. There were also events such as the Pre-University Seminar and Polytechnic Forum that provided opportunities for me to discuss local issues and propose solutions together with students from junior colleges and the other polytechnics. To complete my holistic journey at SP, I embarked on a two-week Overseas Service Learning Project in Cambodia where my team taught conversational English to the natives and helped with the construction of roads and sports facilities.

SP has indeed provided me with many opportunities to develop my personal skills and character. Its commitment to moulding individuals like me into all-rounded individuals has definitely paid off. I completed my national service a few months back and now I’m pursuing a law degree at University College London, United Kingdom under the Maritime and Port Authority of Singapore Scholarship.

Certainly, with SP, it’s So Possible!
Meaningful overseas experiences
Trips to countries like Japan, China, France and the USA to enrich your learning experience.

Diploma Plus
Get an additional certification that will make you more competitive when applying for jobs.

Design Thinking
You'll enjoy it. You'll be taught how to think like a designer.

Internships
Yes! At big brand companies or even world class universities like Harvard, MIT and Yale.

Pursue my passion in music
Why not? There are more than 120 CCA clubs!

Scholarships
Of course! And SP scholars are groomed under a special SP Outstanding Talent programme.

Nice green campus
SP has never been nicer. Brand new and exciting learning spaces in lush greenery.

MRT to SP
So easy. Dover MRT at the doorstep. You can also change train at Buona vista if coming by Circle Line. Rain or shine, no sweat!

Fun at SP
Pool, gym, skate park, jamming rooms, dance studio, rock-climbing wall, even a bowling alley.

Food at SP
Five foodcourts, Burger King, Kentucky, McDonalds, Starbucks, Ya Hin, Subway. Burp!!

University after SP
If the seniors can do it, I'm sure you can too.

More...
Follow SP on Facebook and YouTube.

www.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 2012 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 located at the SP Convention Centre after you have received your results. Have a chat with the lecturers who will be your course counsellors. They will provide valuable advice on what each diploma course is about.
- 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 Admission Exercises**

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

- **Joint Polytechnic Special Admissions Exercise (JPSAE).** This is also for those who sat for the 2012 GCE 'O' Level examinations at the MOE secondary schools who apply based on their special talents beyond their 'O' level results, such as arts, sports, leadership or community service. Those who are applying for courses with specific requirements can also apply under this exercise. JPSAE applicants must at the same time also apply for admission under the JAE.

- **Joint Polytechnic Admissions Exercise (JPAD)** is for holders of IITE 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.

- **Direct Polytechnic Admission (DPA).** This is for final-year secondary school students to apply for and confirm a place in a polytechnic course of their choice before sitting for the GCE 'O' Level exam. Application period is usually in July.

More details on the various admission exercises are available on SP website.
HOW TO MAKE THE RIGHT CHOICE AT JAE

Admission to polytechnic courses is based on meeting the Minimum Entry Requirements (MER) and the Course Cut-Off Point (COP – refer to page 15) and is subject to available vacancies. Your aggregate score is computed based on your GCE ‘O’ Level results for English Language, two Relevant subjects and your Best two other subjects, otherwise known as ELR2B2.

CCA Points
Your CCA points can get you bonus points and they are included in the computation of the net aggregate during posting. They are not taken into consideration in determining whether you are eligible for specific courses under the JAE. An ‘A’ Grade CCA will get you 2 bonus points and ‘B’ and ‘C’ Grades will earn you 1 bonus point. For example, if your ELR2B2 aggregate score is 10 points and your CCA grade is ‘A’, your net aggregate score becomes 8 points.

Cut Off Points (COP)
Each SP diploma course has a COP. You can use this as a guide to see if you stand a chance of getting into your desired course. Remember to use this as a guide only. You should still apply for your favourite SP diploma course if your aggregate score of ELR2B2 subjects is close to the COP.

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

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:

Note: All details on JAE application are given in the JAE Booklet.
LET US SHOW YOU AN EXAMPLE

Jack Tan has an aggregate score of 12 points for his ELR2B2. He is interested to do a business diploma in SP. Here are his top six choices:

<table>
<thead>
<tr>
<th>Choices</th>
<th>Diploma Course</th>
<th>COP (2012)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>SP - Business Innovation &amp; Design</td>
<td>11</td>
</tr>
<tr>
<td>2nd</td>
<td>SP - International Business</td>
<td>7</td>
</tr>
<tr>
<td>3rd</td>
<td>SP - Banking and Finance</td>
<td>11</td>
</tr>
<tr>
<td>4th</td>
<td>SP - Accountancy</td>
<td>12</td>
</tr>
<tr>
<td>5th</td>
<td>SP - Business Administration</td>
<td>12</td>
</tr>
<tr>
<td>6th</td>
<td>SP - Financial Informatics</td>
<td>13</td>
</tr>
</tbody>
</table>

His first choice is SP’s Diploma in Business Innovation and Design (DBID) and the COP for this course in 2012 was 11. Even though his aggregate score is 1 point outside of the COP, he still puts the DBID course as his first choice as he is very interested in the course.

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 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, remember, the published COP is 2012’s COP.

The aggregate score of the last applicant posted into a course in 2013 will determine the 2013 COP.

Making optimal use of the 12 choices:
- Use COP as a guide
- Do not rule out a course if your ELR2B2 aggregate score is outside the previous year’s COP
- Rank your choices – course / institution
- Include a course that you stand a good chance of getting into
- Use your 12 choices wisely and realistically

Remember, the 2012 COP is only a guide as it depends on the performance of each cohort.

If for example, there is one last place in the Diploma in Business Administration, Jack would be given priority over another applicant with an aggregate score of 15 who puts this course as his first choice as selection is based on merit first, then choice order.

Applying under JPSAE

Let’s say Jack has done a business entrepreneurship subject competition. Or he is strong in a particular sport and is a member of the national team in tennis or dragonboat. Jack can also apply for the SP diploma courses that he likes and demonstrate to the selection panel his talents in these areas via his application in JPSAE even though he did not meet last year’s COP. The JPSAE will open an additional door to help those with special talents or achievements to get their dream course despite not meeting the COP.

I must make the RIGHT CHOICE!
What is the basis of selection in the Joint Admissions Exercise (JAE)?
Selection is based first on merit (which means your ELR2B2 aggregate score) and then according to the line-up of choices as listed in your JAE submission. Applicants 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 put down as your third choice SP’s Diploma course in Biomedical Science which has a COP of 8, you stand a better chance than your classmate who has 8 points but puts it as first choice.

Will the order of choices as listed determine whether I get 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 your first choice, failing which it will be the second choice and so on.

If I list a particular course, for example the Diploma course in Biotechnology as my third choice, but another applicant lists the same course as his first choice, will this applicant then take precedence over me for entry to this course, despite have a worse aggregate score then me?
No. You will still have precedence if your ELR2B2 aggregate score is better (as you have mentioned) than the other applicant. Therefore, if you are unsuccessful for entry to your first and second choice of courses, you will be posted to the Diploma course in Biotechnology as this is 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 as you are not eligible. However, you may apply through SP’s Direct Admissions Exercise (DAE), provided you fulfill 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 advised to also apply for the courses that you are eligible for under the JAE.

If I did not take subject ‘X’ 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 offered this subject?
As long as you meet the Minimum Entry Requirements, it makes no difference which third subject you have taken in the examinations.

What is the Cut-Off point (COP) of a course?
The COP for a course is 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 2012 has a ELR2B2 aggregate score of 10, this will be the COP for the course. This means those before him have an aggregate score that is either better than or the same as his aggregate score.

What is the likely cut-off point for a particular course for this intake?
Each year’s COP depends on the number and quality of students applying for each course and the corresponding number of course vacancies.

What are my chances of getting into a particular course if my aggregate score is higher than the previous year’s COP for the course?
We are unable to advise your chances of getting into the course of your choice. Even though your aggregate score does not meet last year’s COP, you should still list the course that you are very interested in as your top few choices. You never know what this year’s COP 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 the course after studying in SP for a few months?
You cannot change course 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.
About 70% of SP graduates in the past five years proceed to join a university either locally or overseas. Besides the local established universities, namely Nanyang Technological University, National University of Singapore and the Singapore Management University, SP graduates have also gained admission into the newly set-up Singapore Institute of Technology and the Singapore University of Technology and Design. Many of them also clinched university scholarships as well.

That’s not all. Many made their parents proud by clinching scholarships to study at prestigious universities overseas such as Cambridge, Harvard, Imperial College, King’s College, Massachusetts Institute of Technology and Purdue. Overseas universities, such as those in Australia and United Kingdom, give generous advanced standings to our graduates, allowing them to complete their degree programmes in two years.

You name it, they are there. Our graduates are in various disciplines in the universities—Architecture, Accountancy, Business, Dentistry, Design, Engineering, Humanities, Information Technology, Law, Liberal Arts, Life Science, Media, Social Science—The list goes on.

Whether it is for work or further education, with SP, it’s So Possible!

“\textit{I used to work as an art director/photographer at The Student Agency during my SP days. This is an ad agency run by design students. During that time, I had the opportunity to experience industry practice through my engagement in live projects such as the SP Open House Campaigns, design for beverage product Anything Can and other branding projects. I am still working at The Student Agency today while waiting to further my studies in Australia.”} — \textsc{Justin Tan}

\begin{flushright}
\textsc{Justin Tan}\hfill
\textsc{Diploma in Visual Communication and Media Design, Class of 2009}\hfill
Currently pursuing a degree in Communication Design at RMIT, Melbourne, under a scholarship from DesignSingapore Council.
\end{flushright}
“The engineering knowledge and relevant technical skills I picked up from SP have helped me in my university education. Not only is the system of conducting lectures and tutorial classes similar, the online portals and tools are also similar to that in SP. Moving on to university after SP has been a smooth transition because poly grads are already accustomed to the tertiary education system.”

ANDREW ONG
DIPLOMA IN AERONAUTICAL ENGINEERING, CLASS OF 2008
Currently pursuing a Degree in Mechanical Engineering at the National University of Singapore under the NUS Global Merit Scholarship.

“I received more than just a solid engineering foundation at SP. My lecturers and the lab technicians also helped me to excel in my studies. The extensive resources and facilities on campus also supported my achievements for academic as well as non-academic pursuits. SP is not just a place to get an education. It is also a living community for us to thoroughly enjoy ourselves while in it.”

TERENCE LEE
DIPLOMA IN ACCOUNTANCY, CLASS OF 2011
Offered a scholarship by Singapore Management University to pursue a Degree in Accountancy after his national service.

“SP was my first choice. I did not even visit their Open House because I already knew what I wanted. To be honest, my father helped me make the decision. He’s professionally trained in accountancy and a strategic thinker. He did a comparison of the accountancy courses in the polyis and decided that SP’s the best with well-rounded modules. My brother also graduated from SP in the same course. He did well and got a place at the Singapore Management University (SMU) too.”

JOY TAN
DIPLOMA IN BUSINESS ADMINISTRATION, CLASS OF 2011
Currently pursuing a degree in International Business, Finance and Economics at the University of Manchester, United Kingdom under a Public Service Commission scholarship.

“Through its various learning programmes, SP has opened many doors for me, allowing me to develop into a more confident, risk-taking and go-getting individual who can adapt well in different environments and circumstances. I believe these will help me greatly when studying abroad.”

FARHANA Binte JA’AFAR
DIPLOMA IN DIGITAL MEDIA, CLASS OF 2010
Currently pursuing a Degree in Fine Arts at the Nanyang Technological University under a scholarship from the Media Development Authority.

“It was a memorable experience to chair the graduation showcase at Sinema Old School back in 2009, and to do it with friends that I love, no less. For some strange reason, everyone I knew in SP played an important part in my poly life. They are like bits and pieces of a jigsaw puzzle that form a complete and meaningful picture when put together.”

CATHLEEN CHEONG
DIPLOMA IN CIVIL AND STRUCTURAL ENGINEERING, CLASS OF 2008
Currently pursuing a Degree in Engineering at the Massachusetts Institute of Technology with a scholarship.

“Strangely, after getting my Diploma in May 2009, I still feel incomplete. After SP, I wake up every day wanting to read something new, learn something new or do something new, in order to feel complete. It’s probably the SP education that always makes me thirsty for more and more. This is the mystique of an SP Diploma - take it at your own risk! And it is precisely the SP Diploma that opens the doors to Harvard for me!”

KURIKIN ZENG
DIPLOMA IN ELECTRONICS, COMPUTER AND COMMUNICATION ENGINEERING, CLASS OF 2008
Currently pursuing an undergraduate programme in Harvard University under the Harvard scholarship.
SP offers scholarships to those who have done well at the ‘O’ level exams. 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 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, Media Development Authority, Public Service Commission, Singapore Armed Forces, Urban Redevelopment Authority, Harvard University and many more.

**The SP Scholar**
- Open to the best and brightest 1st year students.
- Includes bond-free tuition fee sponsorship, and notebook allowance.
- Participation in the SP Outstanding Talent programme (refer to next page).

**The SP Engineering Scholar**
- Open to the best and brightest 1st year students with a passion for Engineering.
- Includes bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SPOT* programme.
- Participation in R&D programmes and engineering conferences locally and overseas.

**The SP-ITE Scholar**
- Since 2011, SP offers scholarships for outstanding ITE graduates taking full-time diploma courses at SP.
- Includes bond-free tuition fee sponsorship and notebook allowance.
- Participation in the SPOT* programme.

**SP Music, Arts and Sports Scholarship**
- If you excel in Music, Arts and Sports at national, combined schools or higher level, SP offers a special scholarship worth $1,700 per year.

**Other Scholarships**
Besides SP scholarships, there are other scholarship schemes offered by external organisations that you can apply for. These include companies and organisations like the newly-launched A*STAR Science Awards, Land Transport Authority, Dairy Farm and Motorola. In 2012, SP students recently clinched 23 of the 48 Integrated Infocomm Scholarships offered by the Infocomm Development Authority to polytechnic students.
If you join SP with outstanding ‘O’ level results and have aspirations to be a leader, you can be selected for the SP Outstanding Talent (SPOT) programme. SPOT is a talent development programme designed to shape academically bright SP students into tomorrow’s Humanitarians, Innovators, Communicators and Leaders.

The programme starts from the first year of your journey in SP. You will take up modules in current affairs and attend enrichment workshops and leadership camps where you will be trained in public speaking and interpersonal skills. You will also be nominated for youth awards and prestigious scholarships.

You will also get opportunities to take part in dialogues with Ministers and shadow Members of Parliament (MP) at their walkabout sessions. There will also be interesting overseas programmes such as the annual Model United Nations Conference held at Harvard and Princeton universities.

**SPOT Highlights**
- Specially-designed General Education modules in Year 2.
- Opportunities to meet with political and industrial bigwigs.
- Overseas research trips.
- Diverse range of seminars and workshops to maximise your potential.
- Preparation for scholarship and university applications.

**EXPERIENCE GROWTH IN FOUR KEY AREAS:**

**As A Leader**
- Learn effective strategies of self and team leadership in a unique overseas leadership camp.
- Initiate and execute projects that you are passionate about and enthuse your peers to join you.
- Engage and serve the 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.
- Interact with local and international students and hone your negotiation skills at the Youth Model ASEAN Conference (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.
- Acquire skills to plan and execute local community service projects for causes you are passionate about.
- Experience authentic learning in overseas community service trips.
- 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 scholarship interviews and psychometric tests.
- 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.

“**SPOT** is like an exciting roller-coaster ride with many thrilling elements. It launches one high up into the skies to explore the world from different perspectives; it dives deep into the ground for an authentic experience of reality, and gives one a full spectrum of exposure along the breathtaking ride. Being a SPOT student goes beyond achieving stellar academic results, flying around the globe or attending high-profile conferences. It is about embarking on an enriching journey to learn and be nurtured as a well-rounded leader with a keen sense of empathy. The unique, holistic approaches of the SPOT programme have molded me into a confident, sharp and fun individual.”

**SHAMUS LEE TAI LIN** | a SPOT Programme student who graduated from the Diploma in Biotechnology in 2012. He also received the National Youth Achievement Award Gold Medal, the highest honour for Singaporean youth.

“**SPOT** has been the hallmark of my time in SP. Before joining the SPOT programme, I was clueless about the world around me, trapped in my own bubble as a 16-year-old teenager. SPOT has really opened my eyes to a world beyond the four walls that we are so accustomed to seeking comfort in. From undergoing the SPOT camp in beautiful Telunas, to representing SP as a keynote speaker and poet in the 2010 Polytechnic Forum and going all the way to the USA for the Princeton Model United Nations Conference, SPOT has been one whirlwind ride of experiences, knowledge and friendships.”

**SHAH MALINDA** | a SPOT Programme student and Graduate from the Diploma in Media & Communication in 2012.
FINANCIAL ASSISTANCE @ SP

Your role as a SP student is to study hard and enjoy the SP experience through participation in CCA’s 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, Singapore 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 his/her guarantor to apply for this loan scheme.

- MOE Study Loan
  Full-time students may also apply for a study loan to help pay up to 25% of their tuition fee and some money for living expenses. To apply for the Study Loan, students should have taken up either one of the above three schemes.

- Post Secondary Education Account (PSEA)
  Funds left in Edusave accounts are transferred to PSEA when he is 16 years old or when he leaves Secondary School / Junior College. This fund can be used to pay students’ 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: $1800- $2800/ year

- CDC/CCC-Polytechnic Bursary
  A government-funded bursary for Singaporean students.
  Award: $1800/ year

- MOE Bursary
  A government-funded bursary for Singaporean students.

- Notebook PC Financial Assistance Schemes
  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 household Per Capita Income. More details on these schemes and application procedures are available at www.sp.edu.sg/financialassistance.
# 2012 JAE Cut-off Points (COP)

The 2012 JAE COP, that is, the net ELR282 aggregate score of the lowest ranked students who were admitted to these courses through the 2012 Joint Admissions Exercise (JAE), are meant as a reference for applicants applying to these courses and do not constitute the admission scores for the subsequent admission exercises.

<table>
<thead>
<tr>
<th>SP Diploma Course</th>
<th>Course Code</th>
<th>Cut-Off-Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy (DAC)</td>
<td>S75</td>
<td>12</td>
</tr>
<tr>
<td>Aeronautical Engineering (DARE)</td>
<td>S88</td>
<td>12</td>
</tr>
<tr>
<td>Aerospace Electronics (DAE)</td>
<td>S90</td>
<td>14</td>
</tr>
<tr>
<td>Applied Chemistry with Pharmaceutical Science (DACP)</td>
<td>S64</td>
<td>12</td>
</tr>
<tr>
<td>Applied Drama and Psychology (DADP)</td>
<td>S43</td>
<td>12</td>
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<tr>
<td>Architecture (DARCH)</td>
<td>S66</td>
<td>14</td>
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<tr>
<td>Banking &amp; Finance (DBKF)</td>
<td>S76</td>
<td>11</td>
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<tr>
<td>Bioengineering (DBEN)</td>
<td>S58</td>
<td>14</td>
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<tr>
<td>Biomedical Science (DBS)</td>
<td>S98</td>
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<tr>
<td>Biotechnology (DBT)</td>
<td>S72</td>
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<tr>
<td>Business Administration (DBA)</td>
<td>S71</td>
<td>12</td>
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<tr>
<td>Business Information Technology (DBIT)</td>
<td>S82</td>
<td>15</td>
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<tr>
<td>Business Innovation and Design (DBID)</td>
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<tr>
<td>Chemical Engineering (DCHE)</td>
<td>S70</td>
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<tr>
<td>Civil Engineering with Business (DCEB)</td>
<td>S68</td>
<td>18</td>
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<tr>
<td>Clean Energy (DCEG)</td>
<td>S45</td>
<td>18</td>
</tr>
<tr>
<td>Common Engineering Programme (DCEP)</td>
<td>S40</td>
<td>16</td>
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<tr>
<td>Computer Engineering (DCPE)</td>
<td>S53</td>
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<tr>
<td>Creative Writing for Television and New Media (DTVM)</td>
<td>S41</td>
<td>11</td>
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<tr>
<td>Digital Animation (DDA)</td>
<td>S35</td>
<td>15</td>
</tr>
<tr>
<td>Electrical &amp; Electronic Engineering (DEEE)</td>
<td>S99</td>
<td>20</td>
</tr>
<tr>
<td>Engineering Systems (DES)</td>
<td>S33</td>
<td>New course for 2013</td>
</tr>
<tr>
<td>Engineering with Business (DEB)</td>
<td>S42</td>
<td>15</td>
</tr>
<tr>
<td>Environmental Management &amp; Water Technology (DEWT)</td>
<td>S52</td>
<td>15</td>
</tr>
<tr>
<td>Experience and Product Design (DXPD)</td>
<td>S51</td>
<td>17</td>
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<tr>
<td>Financial Informatics (DFI)</td>
<td>S46</td>
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<tr>
<td>Food Science &amp; Technology (DFST)</td>
<td>S47</td>
<td>14</td>
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<tr>
<td>Games Design &amp; Development (DGDD)</td>
<td>S56</td>
<td>16</td>
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<tr>
<td>Hotel &amp; Leisure Facilities Management (DHLFM)</td>
<td>S95</td>
<td>14</td>
</tr>
<tr>
<td>Human Resource Management with Psychology (DHRMP)</td>
<td>S48</td>
<td>12</td>
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<tr>
<td>InfoComm Security Management (DISM)</td>
<td>S54</td>
<td>14</td>
</tr>
<tr>
<td>Information Technology (DIT)</td>
<td>S69</td>
<td>18</td>
</tr>
<tr>
<td>Integrated Events &amp; Project Management (DEPM)</td>
<td>S50</td>
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<tr>
<td>Interior Design (DID)</td>
<td>S89</td>
<td>17</td>
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<tr>
<td>International Business (DIB)</td>
<td>S36</td>
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<tr>
<td>Landscape Architecture (DLA)</td>
<td>S94</td>
<td>17</td>
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<tr>
<td>Marine Engineering (DMR)</td>
<td>S63</td>
<td>16</td>
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<tr>
<td>Maritime Business (DMB)</td>
<td>S74</td>
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<tr>
<td>Materials Science (DMLS)</td>
<td>S37</td>
<td>15</td>
</tr>
<tr>
<td>Mechanical Engineering (DME)</td>
<td>S91</td>
<td>18</td>
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<tr>
<td>Mechatronics and Robotics (DMRO)</td>
<td>S73</td>
<td>22</td>
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<tr>
<td>Media and Communication (DMC)</td>
<td>S86</td>
<td>13</td>
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<tr>
<td>Music &amp; Audio Technology (DMAT)</td>
<td>S97</td>
<td>12</td>
</tr>
<tr>
<td>Nautical Studies (DNS) – offered under the Direct Admissions Exercise (DAE)</td>
<td>DNS</td>
<td>-</td>
</tr>
<tr>
<td>Nutrition, Health &amp; Wellness (DNHW)</td>
<td>S44</td>
<td>13</td>
</tr>
<tr>
<td>Optometry (DOPT)</td>
<td>S67</td>
<td>13</td>
</tr>
<tr>
<td>Perfumery and Cosmetic Science (DPCS)</td>
<td>S38</td>
<td>13</td>
</tr>
<tr>
<td>Tourism and Resort Management (DTRM)</td>
<td>S55</td>
<td>12</td>
</tr>
<tr>
<td>Visual Communication and Media Design (DVMD)</td>
<td>S93</td>
<td>14</td>
</tr>
<tr>
<td>Visual Effects and Motion Graphics (DVEMG)</td>
<td>S39</td>
<td>17</td>
</tr>
</tbody>
</table>
Creating A Sustainable Future

The School of Architecture and the Built Environment is the most established school in Singapore dedicated to the training of professionals in the built environment. We are the only school that offers a comprehensive range of built environment programmes, from architecture to events management.

Our hands-on diploma courses incorporate design, technology and media, hence allowing you to propel imaginative ideas into reality. The lectures and tutorials are conducted with great flexibility and freedom. The curriculum is explorative, unconventional and creativity-driven, allowing you to acquire a strong foundation in the professional practices of the built environment. Your experiential learning is conducted in excellent laboratory facilities and design studios.

The learning journey goes beyond our shores. In 2011, ABE students went to Stanford University in USA for a study trip, and a batch of Architecture students went to Italy for a real look at building designs there.

So, are you ready to transform your living space and turn it into a sustainable environment?
I BELIEVE

“Part of building a strong foundation is broadening one’s knowledge and understanding people, life, and self through experiencing different environments and interacting with people. This was achieved through integrated programmes like industrial training programme, field trips and numerous design competitions. The course definitely equipped me well with the latest design tools and software, allowing me to explore different means to express design ideas effectively.”

- Quak Chun Ming, DARCH Graduate 2010
DIPLOMA IN CIVIL ENGINEERING WITH BUSINESS (DCEB – S68)

A successful engineer should also possess good business sense. The Diploma in Civil Engineering with Business (DCEB) is a broad-based course that covers a wide field of study. It provides you with training in civil engineering within the context of a business environment.

ือน Our uSPs

- Conceive-Design-Implement-Operate (CDIO) framework that prepares you to be work-, life- and world-ready.
- Modules allow you to be exempted from Part 1 of the Engineering Council (UK) Examinations.
- Take part in competitions and community service projects that include overseas attachments, study trips and humanitarian missions.
- With both technical skills and strong business fundamentals, you will have a competitive edge.

Entry Requirements

Cut-Off Point: 18  
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>b) Mathematics (Elementary/Additional)</td>
<td>1 - 6</td>
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<tr>
<td>c) One of the following 3rd relevant subjects:</td>
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<tr>
<td>Biology</td>
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<tr>
<td>Chemistry</td>
<td>✔</td>
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<tr>
<td>Design &amp; Technology</td>
<td>✔</td>
</tr>
<tr>
<td>Fundamentals of Electronics</td>
<td>✔</td>
</tr>
<tr>
<td>Physics</td>
<td>✔</td>
</tr>
<tr>
<td>Science (Chemistry, Biology)</td>
<td>✔</td>
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<tr>
<td>Science (Physics, Biology)</td>
<td>✔</td>
</tr>
<tr>
<td>Science (Physics, Chemistry)</td>
<td>✔</td>
</tr>
</tbody>
</table>

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
- LTA Engineering Award

BRIGHT FUTURE

It’s a new chapter of life after DCEB. Your diploma will open the door to a variety of career options and opportunities in the ever booming building and construction industry such as Assistant Project Manager; Assistant Structural Designer/ Draughtsperson; Construction Supervisor; Sub-Contractor Supervisor; Building Site Construction Safety Supervisor; Resident Technical Officer; and Marketing Sales Executive.

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. Or you can pursue a degree in Construction Management at SIM or a related degree in two years from Australian and British universities.

I BELIEVE

“SP provides a platform for individuals to explore and discover their own interests. The course has not only offered me an excellent learning environment, but also equipped me with a variety of hands-on skills. Furthermore, DCEB lecturers and lab technicians are both friendly and approachable. With the learning experience gained at SP, graduates can easily adapt to a new working environment. There is no doubt that the course has given me a solid engineering foundation that further prepared me in pursuing my engineering dream at the Massachusetts Institute of Technology.” - Cheong Mun Nehg, Class of 2008, now pursuing a Bachelor in Civil Engineering degree under Scholarship at the Massachusetts Institute of Technology.
To prepare our graduates to meet the challenges of the world today, the Diploma in Environmental Management and Water Technology (DEWT) offers a multi-disciplinary programme with possibilities of overseas exposures, from around Asia to the States.

Being a basic commodity, coupled with increasing urbanisation, there is now a growing global demand for water solutions. As Singapore aims to become a Global Hydro Hub, the local water industry is expected to triple to $1.7 billion, with jobs doubling to 11,000 by 2014.

**Our uSPs**

- Well-rooted programme: strong fundamental knowledge achieved through a key project that cuts across all 3 years.
- Living Lab: study of urban and natural environments within and beyond SP.
- Comprehensive curriculum: opportunity to acquire local and global experiences and apply the knowledge gained.

**Scholarships Available**

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

**BRIGHT FUTURE**

Public or private, the world is your oyster. From areas like water and wastewater reclamation to membrane technologies and desalination; and jobs that include Environmental Technologist, Water and Wastewater Treatment Specialist, and Marketing Executive, there is bound to be something for you.

**FURTHER STUDIES**

You not only have opportunities to gain direct entry to the second year of environmental or civil engineering at National University of Singapore or Nanyang Technological University, but also receive scholarships from these universities, as well as the Ministry of the Environment and Water Resources (MEWR) Singapore. Alternatively, you can pursue a related degree from universities in Australia, Canada and the UK.

**I BELIEVE**

“The DEWT course is not just about attending lectures and completing tutorials day after day. It’s filled with site visits and overseas study trips that provided me with a better understanding and an appreciation for what I’m learning. There were many opportunities available for me to excel beyond my academics. One such example is the Overseas Service Learning Project in Indonesia, where I was able to apply what I learned into practice. I represented Singapore with this project in an international social entrepreneurship competition in Berlin.” - Lim Renhui, Class of 2010, and PUB sponsorship awardee.
The Diploma in Hotel & Leisure Facilities Management (DHLFM) is the first of its kind that offers a unique blend of both the soft skills of hotel management and the technical skills of facilities management of hotels, resorts, commercial buildings, hospitals and other properties.

Whether your passion is in working with people or managing multi-million dollar properties, there’s something in this course for you! Besides the diploma, you will also be awarded the Fire Safety Manager Certificate.

✓ Our uSPs

- Real-life job training in hotels and mega events like the Formula 1 Singapore Grand Prix where you learn operations and management skills.
- Semester-long internship programmes with reputable organisations.

Entry Requirements

Cut-Off Point: 14  Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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</tr>
</tbody>
</table>
  - Art / Art & Design *  
  - Design & Technology  
  - Higher Art *  
  - Physics  
  - Science (Chemistry, Biology)  
  - Science (Physics, Biology)  
  - Science (Physics, Chemistry)

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

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

Teaching through out-of-classroom projects and site visits.
- Overseas trips (Stanford University, Switzerland, Star Cruises, Phuket, Indonesia) to broaden your horizon.

Scholarships Available

- Hilton Hotel Scholarship
- Fonda Global Engineering Pte Ltd Scholarship
- BCA-Industry Scholarship / Sponsorship
- Savills CKH Scholarship
- School of Architecture & the Built Environment Scholarship

BRIGHT FUTURE

For starters, lucrative and interesting openings are available in hotels, integrated resorts, clubs, leisure industry, commercial and industrial properties, private housing, hospitals, and even cruise liners. Job options include Hotel Facilities Manager; Front Office Manager; Rooms Division Manager; Conference Sales Executive; Catering Sales Manager; Operations & Logistics Manager; Property Facilities Manager; Contracts Manager; and Property Executive.

FURTHER STUDIES

You can gain direct access into related degree courses in local or overseas universities. You will be given generous advanced standing by universities in Australia, Switzerland and United Kingdom.

I BELIEVE

“The friends I’ve made and the knowledge I’ve gained of the hotel industry has been an eye-opener. Having travelled a lot last year for competitions, I now see a different and more complex side to how a hotel operates and I am eagerly looking forward to experiencing a different path that has been opened up to me, apart from my sport.” - Audrey Yong Pei Lin, class of 2012, Recipient of the Singapore Olympic Foundation - Peter Lim Scholarship
BRIGHT FUTURE

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 management industry which grossed more than $3 billion in revenue in recent years.

You are given authentic learning where you will have opportunities to birth, plan and execute live events with our various industry partners.

Our uSPs

› Authentic, experiential learning through planning and managing:
  • School events
  • Industry-linked projects such as Sentosa 4D Magix ‘Deadly Ever-After Haunted Trail’ Halloween event, Singapore Flyer Frightfest, YOUTHphoria by Singapore Discovery Centre and CNB Anti-Drug Abuse Campaign.
  • A 22-week internship programme with overseas exposure opportunities.
  • Site visits and overseas trips.

Scholarships Available

• Sentosa 4D Magix Scholarship
• Singapore Flyer Scholarship
• E Three 5 Scholarship
• BCA-Industry Scholarship / Sponsorship
• School of Architecture & the Built Environment Scholarship

I BELIEVE

“My most memorable challenge was to take on the role of Team Leader for Halloween Horrors 2011 at Night Safari as my Final Year Project. It allowed me to put all my learned theoretical and practical skills to the test. I also had to build on my leadership and interpersonal skills along the way. My course of study as a DEPM student has equipped me with the vital skills and events exposure required to be innovative, adaptable and resourceful to make a mark in the dynamic events industry.”

- Yang Shuzhen, Class of 2012.

FURTHER STUDIES

There are exciting employment opportunities in the growing MICE (Meetings, Incentives, Conventions and Exhibitions) and events sector that encompasses both government organisations and private companies. Your career options include Event or Project Executive; Event Marketing and Sales Executive; Event Concept Planner; Venue and Facilities Manager; and Operations and Logistics Manager.

You can gain entry to a relevant degree course in local and overseas universities. Some of our graduates are pursuing degrees in Business courses at local universities. The strength of your SP DEPM diploma will get you module exemptions and advanced standing in established foreign universities.
Landscape architects design and enhance our environment and surrounding spaces with fresh and new perspectives. It’s a design discipline that is concerned with the quality of our surroundings. The Diploma in Landscape Architecture (DLA) course trains 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.

**Our uSPs**
- 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 internship programme with private companies and key players like the National Parks Board
- Collaborative learning approach which allows you to learn about other disciplines such as water technology and architecture.

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

### Entry Requirements
**Cut-Off Point:** 17
**Aggregate Type:** ELR282-D

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) English Language</td>
<td>1 - 7</td>
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</tr>
<tr>
<td>c) Any two other subjects</td>
<td>1 - 6</td>
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</tbody>
</table>

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

**BRIGHT FUTURE**
Exciting career opportunities are open to DLA graduates with organisations such as the National Parks Board, Wildlife Reserve, Housing and Development Board, private property development companies and private landscape firms. Your career options include Landscape Architect Assistant; Landscape Designer; Landscape Contractor; Parks & Recreation Officer; Town Council Estate Officer; and Landscape Product Specialists.

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

### I BELIEVE
“I dreaded my first few weeks of work because of the differences in environment between school life and the real world - CAD, deadlines (overtime), meetings, and all - but now I can confidently say that the training given by SP has prepared me for this challenging and rewarding career. I get to design million-dollar projects, and be responsible for the redevelopment of hectares of land in overseas projects.” - Mr Tuson Chong Fatt Kwang, DLA Graduate 2007

“The Diploma in Landscape Architecture course develops my appreciation for natural surroundings. We learned how to design and create living spaces for human and wildlife. Knowing the importance of respecting every living thing, we always emphasise a balance to all things in our designs. My three years in DLA is a journey towards a brighter future. Diploma in Landscape Architecture to me was an interesting, dynamic and unforgettable course.” - Tuson Chong Fatt Kwang, DLA Graduate 2007
Students from the School of Architecture and The Built Environment (ABE) embarked on a trip to Abu Dhabi and Dubai in the Middle East to experience and understand the rich and distinctive Arabian culture and architectural magnificence. Other overseas programmes that ABE students went on include a study trip to Stanford University in the USA and competitions in Australia and Taipei.
• Accountancy (S75)
• Banking & Finance (S76)
• Business Administration (S71)
• Business Innovation & Design (S34)
• Financial Informatics (S46)
• Human Resource Management with Psychology (S48)
• International Business (S36)
• Tourism & Resort Management (S55)

**Designing Business. Defining Tomorrow**

At SP Business School, we kick-start your mind, body and soul so that you lead well, serve well and, yes, play well. It’s a world of volatility and complexity that we live in, but SP Business School will prepare you for the continuing challenges that come your way and you will graduate with the confidence to keep up with the demands of an ever changing world, and venture into new frontiers to be a pioneer in diverse fields.

We offer an authentic learning programme that will enhance your experience via overseas credit transfer programmes, multi-disciplinary projects and participation in competitions.

SP is the only polytechnic that offers courses such as the Diploma in Human Resource Management with Psychology and the new Diploma in Business Innovation and Design. You will learn in exclusive facilities such as the Entrepreneurship Resource and Ideas Centre (ERIC), Business Design Centre (DesignWorks Singapore), UOB Kay Hian-SP Dealing Centre, SPELL (a retail living lab located at Changi Airport), the Hospitality Learning Hub, the Human Resource Learning Studio, the International Business Active Learning Lab (iBall) and the Accountancy Collaboration Studio.

The SP Business School diploma is highly valued by employers and widely accredited by reputable universities worldwide for admission to accelerated degree programmes. Our business courses give you many exemptions in professional courses.

**Why SP Business School?**

SP Business School provides our students with:

- Firm foundations in business competencies.
- Immersion and discovery in the world of Business.
- Right attributes and potential to succeed.
- Selection of choice courses.
- Track records and reputations built up by our successful graduates.

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

**SP Business School**
Tel: (65) 6772-1889  Fax: (65) 6772-1952  Email: sb@sp.edu.sg  www.sp.edu.sg/schools/sb
I BELIEVE
“The highlight of my course was the internship programme. I was posted to Deloitte and Touche, one of the big four auditing firms in the world. It was an eye opening experience to be able to check on the financials of different companies. I was under the SP Outstanding Talent programme which brought me to Dubai for an international conference. SP was a really awesome experience for me!” - Shilton Tan, Class of 2011.

Our uSPs

- Hands-on experiential learning opportunities in the new Accounting Collaboration Studio.
- Opportunity to stretch your potential through our Leadership Exploration and Development (LEAD) Scholarship programme.
- Generous credit exemptions from professional accounting bodies including the Chartered Institute of Management Accountants (CIMA).
- Overseas exposure via study trips and credit transfer programmes in countries like Australia, United States and China
- Internship opportunities at excellent companies for exposure to various aspects of accounting work.
- Management of Finance and Accounting operations at our Changi Airport Terminal 3 concept store, SP Entrepreneurship Learning Lab (SPELL).
- Option to get the CIMA Diploma / Advanced Diploma in Management Accounting, allowing you to start working on your professional qualifications while still in school.

BRIGHT FUTURE
Exciting career opportunities await you when you graduate. Graduates will have excellent job prospects in accounting, auditing, costing, finance, taxation, banking, business development and systems analysis.

FURTHER STUDIES
You can pursue further studies in accountancy or business degree programmes with local or foreign universities. Advanced standing will be given by foreign universities. You will be granted 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).

ENTRY REQUIREMENTS

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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
The banking and finance sector is a major driving force of the Singapore economy and SP’s Diploma in Banking and Finance (DBKF) course will prepare you for a promising future.

We are the premier Banking and Finance course with the largest intake and most number of graduates out in the industry. Under DBKF, you get to specialise in one of two options – Banking or Financial Trading.

You will receive a quality education that is specialised yet broad-based, and highly recognised by the industry and many universities.

Our uSPs

› Solid and relevant curriculum to give you a head-start in work or further studies.
› Option in either Banking or Financial Trading.
› Preparations for industry exams such as the Associate Financial Planner Certification (for those who take the Banking Option), the Certificate in Technical Analysis by the Singapore Technical Analysts and Traders Society (STATS) (for those in the Financial Trading Option) and Capital Markets and Financial Advisory Services Exam (CMFAS).
› Exclusive facilities such as the UOB Kay Hian-SP Dealing Centre, where online real-time financial information from Thomson Reuters and trading simulation software are used.

› Practical training, field trips, industrial training programmes with international banks and financial institutions, financial and business strategy competitions and overseas credit transfer programmes.

**Entry Requirements**

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**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

**BRIGHT FUTURE**

Exciting and challenging career opportunities await you when you graduate. You can look forward to rewarding and challenging careers in banks, financial institutions, or the finance department of any company. Those in the Banking Option can develop their careers in areas like Credit and Marketing; Trade Finance; Retail and Corporate Banking; Treasury; Private Banking and Financial Planning.

If you specialised in the Financial Trading Option, you can develop your career in areas like Dealing, Trading and Broking; Research and Risk Control; Sales and Marketing; Operations and Settlements; and Regulatory Compliance. You can also start your career dealing with foreign exchange, futures & options, stocks, bonds, bullion and commodities.

**FURTHER STUDIES**

You can pursue further studies in business and finance degree programmes in reputable local and foreign universities. The latter will grant you generous advanced standing. You will also be ready to take modules in the Capital Markets and Financial Advisory Services Exam (CMFAS).

**I BELIEVE**

“The hands-on approach of learning in SP has taught me team work and leadership building. It also helped to build up my confidence to speak up and present myself well. Interacting with lecturers and peers has helped to shape me into a more mature person.” - Selene Bay, Class of 2011, now pursuing a degree programme in Singapore Management University under the Lee Kong Chian Scholarship
Selected Diploma in Business Administration students may participate in the mini APEX Programme which is specifically designed to develop entrepreneurial mindsets. For details, visit www.sp.edu.sg.

The Diploma in Business Administration (DBA) is the leading business course that champions entrepreneurial thinking among ‘O’ level graduates who desire to be competent business leaders. This course will give you a taste of the real business world. Flexibility and choices are the key features of this course. You will have the opportunity to choose a specialisation via a portfolio of options. DBA graduates with the resultant attributes are much sought after by employers as they are primed to start contributing to the organisation quickly.

Our uSPs

- Variety of specialisation options including Marketing Management, Finance and Accounting, International Business and Trade, Retail Management, Logistics & Supply Chain Management, Entrepreneurship, and Overseas Immersion Programme.
- Opportunity to manage the state-of-the-art retail outlet, SP Entrepreneurship Living Lab (SPELL) at the Changi Airport Terminal 3.
- Curriculum with Business Design pedagogy.
- Exciting learning experiences through industry collaborated projects, hands-on activities, overseas immersion programmes and field trips.

BRIGHT FUTURE

Exciting and challenging career opportunities in the business world await you when you graduate. Your career options, based on your specialisations, are wide and varied. These include starting off as an Executive in business development, finance, accounting, sales and marketing, public relations, event management, advertising and research in the public sector or with private companies.

FURTHER STUDIES

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

I BELIEVE

"With its rigorous yet flexible and practical academic programme, the Diploma in Business Administration (DBA) course has prepared me for many challenges that life poses. Be it satisfying the desire for academic knowledge, seeking enrichment for personal development through numerous student activities, or even just wanting to have a fun, experiential and unique student life, DBA has it all! Youth is precious, and there are no better places to seek a more holistic business education than here!" - John Ser, Class of 2012, will be pursuing his university degree under the Singapore Industry Scholarship (Charles and Keith).
The Diploma in Business Innovation and Design is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability.

For details, visit www.sp.edu.sg and click on the APEX banner.

The Diploma in Business Innovation and Design is the one and only diploma course offered by a polytechnic that incorporates design thinking into business education. Design thinking (DT) is a new method to fast track innovation in businesses. It teaches business students to generate ideas with a designer’s creative mindset, and match those ideas to user needs that are critically identified by one’s business acumen.

The Economic Strategies Committee Report 2010 highlighted design thinking as a way forward for Singapore companies, and our DT framework is strengthened by our partnership with Rotman DesignWorks of University of Toronto’s Rotman School of Management, one of the world’s best business schools. DBID, which emphasises this new thinking strategy, will prepare you to join companies worldwide that are surging ahead with DT.

Our uSPs

- A revolutionary approach to business education.
- Learning in the inspiring Business Innovation & Design Studio, the first of its kind in any educational institution in Singapore.
- Participation in a business design boot camp at Rotman DesignWorks, University of Toronto.
- A 15-week internship with companies that are transforming their business into the next Apple.
- Opportunities to innovate projects for real clients through SP’s design thinking living labs – namely the Live Well Collaborative and DesignWorks Singapore.
- Ministry of National Development (MND) Scholarships (of $15,000 each) to pay for your Diploma fees and boot camp expenses at the Rotman DesignWorks in Toronto, Canada.

BRIGHT FUTURE

Armed with this diploma, you will be invaluable either in conventional or emerging business jobs across industries - these include A-list business analysts, market researchers, brand executives, innovation executives or strategy design executives, among other exciting jobs.

FURTHER STUDIES

You will be a much sought after candidate by some of the best universities in the world which are looking for graduates with a unique mindset and the potential to transform businesses not just into profit-making giants but socially responsible agents of change. A conventional business degree or degree in business with design thinking – it is all up to you.

I BELIEVE

“Once again, Singapore is leading the way globally in making Business Design a core thrust of its economic policy. I have nothing but the greatest respect for the country, our partner Singapore Polytechnic, and the new Diploma in Business Innovation and Design.” - Roger Martin, Dean, Rotman School of Management, University of Toronto.
The Diploma in Financial Informatics (DFI) is a multi-disciplinary course that trains you for both the Business Finance and IT sectors. The DFI curriculum provides for integrated learning in IT and business, thereby giving you an edge in various diverse industries.

Your academic life is complemented by social and global oriented programmes that includes peer-mentoring scheme, social intelligence preparation, community service initiatives and various creative camps.

Our uSPs

- IDA scholarship which is a through-train scholarship from polytechnic to university.
- Multi-disciplinary skills that broaden your career prospects and provide you with the competitive edge.
- Overseas immersion programme in Silicon Valley, University of California, Berkeley, and Stanford University.
- Local and overseas internship opportunities with excellent organisations.
- Alignment with professional certification such as the Financial Industry Competency Standards Certification, Chartered Institute for Securities & Investment Certification, and SAP Associate Certification.
- Positive interaction and synergy amongst peers.

BRIGHT FUTURE

DFI graduates can look forward to wide and exciting careers in banks, finance houses and organisations as finance executives, business analysts, information specialists or become entrepreneurs themselves.

FURTHER STUDIES

You can apply for degree courses in Business, Finance, Accountancy and Information Systems. You can also pursue professional programmes in Financial Industry Competency Standards (FICS) Certification, Chartered Institute for Securities & Investment (CISI) Certification, SAP Associate Certification and The Association of Chartered Certified Accountants (ACCA) Certification.

I BELIEVE

“What I like most about DFI is the strong sense of belonging among the DFI community – our peers, seniors and juniors, lecturers and alumni. Together, we support each other and have lots of fun and fond memories. The course’s unique nature of multiple disciplines has broadened my perspectives and helped navigate the finding of my interests and career goals.”

- Ng Sin Yee, Class of 2012, now pursuing a degree at NUS Business School, National University of Singapore with a scholarship.

Entry Requirements

Cut-Off Point: 13    Aggregate Type: ELR282-C

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

- Biology
- Chemistry
- Computer Studies
- Creative 3D Animation
- Design and Technology
- Food & Nutrition
- Fundamentals of Electronics
- Physics
- Science (Physics / Biology)
- Science (Chemistry / Biology)
- Science (Physics / Chemistry)
The Diploma in Human Resource Management with Psychology (DHRMP) is a unique course that covers relevant areas of human resource management and psychology to enhance the effectiveness of future human resource practitioners.

Emotional Intelligence and Positive Psychology concepts are also infused into the DHRMP curriculum to reinforce the awareness and development of Emotional Quotient (EQ) in students.

SP is the only polytechnic in Singapore to offer this full-time course.

### Our uSPs

- An edge in people skills with Emotional Intelligence and Positive Psychology infused into our DHRMP curriculum.
- Head-start in human resource career through professional accreditations as HR Associate by the Singapore Human Resources Institute (SHRI).
- Participations in human resource industry-related events and competitions.
- Overseas immersion and credit transfer programmes, overseas internships and overseas study trips to learn about foreign business and their human resource practices.
- DHRMP scholarships offered by industry partners.

### Quality training facilities in our innovative and unique Human Resource Learning Studio.

### Entry Requirements

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**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

### BRIGHT FUTURE

In today’s increasingly competitive world, Human Resource Management plays a vital role in the growth and success of any organisation. DHRMP graduates are prepared to be at the forefront of success creations through people in any organisation.

Exciting career opportunities await you when you graduate. DHRMP graduates have excellent job prospects in a wide spectrum of industries at entry and executive levels in Recruitment & Selection, Employee & Industrial Relations, Compensation & Benefits, Training & Development and Talent Management.

### FURTHER STUDIES

You can pursue further education at local and foreign universities. With your diploma, you can gain direct entry into the second year of a three-year degree programme at reputable foreign universities.

### I BELIEVE

“I believe D is for the dedicated lecturers I have met and the deep friendships I have forged with them. H is for the happy and homely feelings of being in this course. R is for the rich knowledge that I gained. M is for the memories that I’ll remember for life. P is for the possibilities that the school has opened up for me. There’s nothing more I could ask for in my three years of DHRMP in SP Business School.” - Vanna Koh Wee Nah, Class of 2011, now pursuing a Sociology degree at NTU.
DIPLOMA IN INTERNATIONAL BUSINESS (DIB – S36)

The Diploma in International Business is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability. For details, visit www.sp.edu.sg and click on the APEX banner.

The Diploma in International Business equips you with the core international business competencies that are necessary to tackle the challenges of an increasingly globalised world. The key goal of the DIB course is to groom you to be a global talent – one who is culturally intelligent, multi-lingual, and ready to lead.

Our uSPs

- Innovative integrated curriculum that provides you with valuable insights into how business organisations operate and strategise in the international arena.
- Powerful blend of Business Intelligence, Cultural Intelligence and People Intelligence.
- iBALL (International Business Active Learning Lab) a unique learning space to enhance your learning experience.
- Cultural appreciation programmes in China and India to learn the business practices of emerging economies.
- Overseas social innovation programmes that allow you to apply your skills and knowledge to meet community needs.
- Overseas immersion programmes in a leading foreign university such as the University of Washington (USA) or Tsinghua University (China) to earn academic credits.
- Attachments with overseas companies during your final year of study to help you acquire relevant work experience.

Entry Requirements

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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

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. You could chart your own journey as an entrepreneur or pursue a fulfilling career in any multi-national corporation in areas such as International Marketing and Sales; Business Planning and Development; International Market Research and Development; Overseas Business Operations; and International Trade Development and Operations.

FURTHER STUDIES

You can pursue further education at local and foreign universities. With your Diploma in International Business, you can obtain advanced standing from many reputable overseas universities. The specially formulated integrated learning curriculum and comprehensive overseas exposures will equip you well in your studies in these universities.

I BELIEVE

“As a university professor, the question I ask myself about the programmes that I evaluate is ‘Would I want my kids to enrol in this programme?’ If my children want to learn international business, I would be very satisfied if they chose the Diploma in International Business from Singapore Polytechnic.” - Professor James Gerber, San Diego State University.
Tourism and Resort operations are amongst the fastest growing sectors in the Singapore economy. The opening of the two integrated resorts (IRs) and new tourist attractions have generated a high demand for professionals in these areas.

The Diploma in Tourism and Resort Management (DTRM) provides a winning combination of training in tourism and resort management skills as well as an extensive business education. These skills will equip you for an exciting role in Singapore’s IRs and the dynamic tourism and hospitality industries.

Emotional Intelligence and Positive Psychology are also infused into the DTRM curriculum to reinforce the awareness and development of students’ Emotional Quotient (EQ) – an important skill element in the service industry.

Our uSPs

- Study sea cruise management on board a ship during your first year.
- Hospitality training programme at an overseas hotel during your second year.
- A 24-week internship programme in various tourism and hospitality related companies during your final year.
- Opportunities for overseas internship programmes such as the Disney Theme Parks & Resorts International College Programme, Shangri-la Internship Programme (Beijing or Shanghai) and Jyvaskyla University of Applied Science (Finland) Internship Programme.
- DTRM scholarships offered by industry partners.

BRIGHT FUTURE

Exciting and challenging career opportunities in the business world await you when you graduate. Your career options include working with the integrated resorts, national tourism organisations, travel agencies, tourist attractions, hotels, airlines, spas, theme parks, meetings, incentives, conventions & exhibitions (MICE) companies and cruise lines.

FURTHER STUDIES

You can pursue further studies at local or foreign universities. With your SP diploma, you can also gain advanced standing at reputable foreign universities.

I BELIEVE

“My time in SP pursuing the DTRM course had been a journey that brought me much joy, invaluable learning experiences and self discovery. The excellent learning environment had enabled me to excel and map my future after SP. I was able to secure a SPRING Singapore Scholarship to pursue my studies at the Nanyang Technological University. With SP’s DTRM, the impossible is possible!” - Tony Yeoh, Class of 2009, will pursue a business degree at NTU under the SPRING Executive Development Scholarship.

Entry Requirements

Cut-Off Point: 12  
Aggregate Type: ELR2B2·B

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**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
Entrepreneurship is a popular option for SP Business School students. They learn how to set up and run a business through hands-on events like the annual Entrepreneurship Bazaar. There’s also SPELL, a retail living lab at Changi Airport T3 where they manage the shop entirely on their own, from accounting to merchandising to retail display. This year, they worked with a local fashion designer to launch an exclusive collection, as modelled by SP students Kylie Yuen and Tham Wan Ni on this page.
DISCOVERY

SCHOOL OF
CHEMICAL & LIFE SCIENCES

- Applied Chemistry with Pharmaceutical Science (S64)
- Biomedical Science (S98)
- Biotechnology (S72)
- Chemical Engineering (S70)
- Food Science & Technology (S47)
- Materials Science (S37)
- Nutrition, Health & Wellness (S44)
- Optometry (S67)
- Perfumery and Cosmetic Science (S38)

Sciences for Better Living
The chemical and life science industry is experiencing exceptional growth year after year. The School of Chemical & Life Sciences (CLS) is committed to train you to be work-ready for this sector comprising materials, food, cosmetics, chemical, petrochemical, pharmaceutical, biotechnology, agrotechnology, biomedical, optometry and healthcare industries.

We have very strong links with both local and overseas industries and educational institutions. SP is the only polytechnic that sends students for research internships at world-class universities such as Harvard, Yale, Imperial College and Massachusetts Institute of Technology.

In CLS, you will be embarking on an exciting journey to make new discoveries about science.

Why CLS?
Our graduates have done extremely well. We have graduates who are now award-winning scientists and several others who are now doing their PhDs. Our recent graduates have also been admitted to study chemical engineering, chemistry, dentistry, life sciences, medicine and pharmacy at various universities, both local and overseas. In addition, some graduates have gone on to become successful entrepreneurs, having benefited from being exposed to numerous industry-related projects during their studies.

For more information regarding entry requirements, courses and careers, please contact:
School of Chemical and Life Sciences Tel: (65) 6772-1135 Fax: (65) 6772-1976 Email: cls@sp.edu.sg www.sp.edu.sg/schools/cls
Diploma in Applied Chemistry with Pharmaceutical Science (DACP – S64)

Chemistry has improved lives by revealing the secrets behind how medicine works and how to make our world greener. These are just some of the things that you will learn from the Diploma in Applied Chemistry with Pharmaceutical Science (DACP) course.

The DACP provides the learning environment for you to conduct research on, test and synthesise new chemicals and drugs. 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, igniting your creativity skills.

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

Our uSPs

- Only diploma course in Singapore that combines applied chemistry with pharmaceutical science.
- Forensics is offered in the curriculum.
- Specialise in either Medicinal Chemistry Research option or Industrial Chemistry option.
- Work attachment or dedicated research experience with local and overseas institutions.
- Elective modules of your choice for further career or study advancement.

Entry Requirements

Cut-Off Point: 12  
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- Chemistry
- Science (Chemistry, Biology)
- Science (Physics, Chemistry)
- Applicants must not suffer from colour appreciation deficiency.

Bright Future

Exciting career opportunities await you when you graduate. Your career options include Analyst; Chemist; Research Assistant; Assistant Engineer; Chemical Technologist; Production Chemist; Quality Control/Quality Assurance Personnel; Regulatory & Compliance Officer; and Environmental, Safety & Health Officer.

Further Studies

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

I BELIEVE

“This diploma course provides students with a comprehensive coverage of fundamental chemistry as the main course and a basket of applied chemistry modules as electives. Students are equipped with a strong foundation in chemistry and a good appreciation of its application particularly in the pharmaceutical field, which better prepare them for university education.”

- Associate Prof Yao Shao Qin, Deputy Head, Department of Chemistry, National University of Singapore.
The Diploma in Biomedical Science is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability. For details, visit www.sp.edu.sg and click on the APEX banner.

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.

Learn from the only curriculum in Singapore recognised by both the American and British accreditation institutions, such as the American Society for Clinical Pathology and the Institute of Biomedical Science, UK.

Our uSPs

- Internships at top-notch clinical laboratories or premier research laboratories including A*STAR Institutes and top-ranked universities in US.
- Training Partnership with National Heart Centre Singapore for cardiac technology option.
- Opportunity to gain an additional Certificate in Phlebotomy or Biosisk Management.
- Opportunities to work with research scientists and clinicians on current research projects.
- Fantastic network of students and graduates.

**Entry Requirements**

**Cut-Off Point:** 8  
**Aggregate Type:** ELR2B2-C

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**FUTURE 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, Dentistry and Pharmacy at the National University of Singapore or Biomedical Sciences and Chinese Medicine at the Nanyang Technological University.

**I BELIEVE**

“My learning experience in SP DBS is one of its kind! It is not just about learning the theories but also putting them into application and learning how to inject fun in the learning process. The holistic education from SP DBS has developed and prepared me well to take on future challenges ahead as I further my studies in Yong Loo Lin, School of Medicine to realise my dream of becoming a doctor.”  
- Koh Shi Min, Class of 2012, third SP graduate admitted to the Yong Loo Lin School of Medicine, NUS.
DIPLOMA IN **BIOTECHNOLOGY** *(DBT-S72)*

Manipulation may have a negative meaning. But in Biotechnology, that’s what you do best. You manipulate biological systems, whether living cells or cell components, in a controlled environment to create or process useful products such as food, fuel or medicine.

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 biotechnology and biomedical industries will open the door to many career possibilities.

**Our uSPs**

- Hands-on training in specialised laboratories on campus and through internships and final year projects.
- Work with prominent scientists and researchers in universities and research institutions both local and abroad.
- Internships at top-ranked overseas universities.
- Opportunity to gain an additional Certificate in Biorisk Management.
- A career in the biomedical, bio-pharmaceutical, commerce, food or teaching industries or as biosafety coordinators.

**Scholarships Available**

- Singapore Polytechnic Scholarships
- A*STAR Science Award

**Entry Requirements**

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</table>

- Science (Physics, Chemistry)
- Applicants must not suffer from colour appreciation deficiency.

**BRIGHT FUTURE**

Exciting career opportunities await you when you graduate. Your career options include Laboratory Technologist/Officer in R&D in biological and life sciences and translational medicine; Teacher/Lecturer in local schools, junior colleges, polytechnics and universities; and Technical Specialist in companies involved in clinical trials, biotechnology, bio-pharmaceutical, agricultural and healthcare products and services.

**FURTHER STUDIES**

Many of our graduates continue their studies in the universities. You can gain direct entry into second or third year degree programmes in local and overseas universities. You also have the flexibility to pursue other courses such as biomedical and life sciences, biomedicine, pharmacy, medicine, dentistry, teaching, tissue engineering and biomedical science and Chinese Medicine at the National University of Singapore and Nanyang Technological University.

**I BELIEVE**

“The DBT course was very well structured, with excellent study materials provided. It inspired me to pursue further studies in the same field. The ‘open’ lecture-tutorial system with emphasis on self-initiative to learn is very similar to the universities, which I find to be a great advantage. SP prepared me well for University studies.”

- Lim Yok Zuan, Class of 2006, who graduated with First Class Honours from Biological Science, Nanyang Technological University. He is currently pursuing a doctoral degree at Oxford University under an A*STAR Scholarship.
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 in 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 via deep-tank fermentation that saved thousands of soldiers’ lives during World War II; and 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!

**Our uSPs**

- 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.

- 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.

- Industrial Training Programme at local and overseas chemical processing companies and institutions.

### Scholarships Available

- Singapore Polytechnic Engineering Scholarships
- Singapore Chemical Industry Council Scholarships

### Entry Requirements

**Cut-Off Point:** 13  
**Aggregate Type:** ELR282-C

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<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
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<td><strong>Applicants must not suffer from colour appreciation deficiency.</strong></td>
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### 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.

Starting from July 2011, 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 the Singapore Institute of Technology.

### I Believe

“At SP, aside from academic excellence, I was groomed to take on various leadership roles. Life as a DCHE student was never mundane. I was given many chances to learn beyond the classroom such as participating in an overseas attachment in UK as well as serving the community in China. I am truly grateful that all these unique experiences have won me the Model Student Award as well as the Nanyang Scholarship.” - Matthew James, Class of 2012; now pursuing the pursuing Renaissance Engineering Programme in NTU under the Nanyang Scholarship.
We all love food, don’t we? Isn’t it awesome to be able to develop your own food products that are innovative, safe, healthy and tasty? Our Diploma in Food Science & Technology (DFST) will sit well with you, the food lover.

**Our uSPs**
- Well-equipped facilities such as the Food Creation Lab, Consumer Insight Suite, Food Analysis Lab, Food Processing Lab and Food 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 and the Love Letter Latte coffee blend.

**Scholarships Available**
- Pokka Scholarship
- SIFST Best Student Award cum Rintoul Memorial Scholarship
- SFMA – Pek Cheng Chuan Scholarship
- Tai Hua Scholarship

**BRIGHT FUTURE**
Exciting career opportunities await you when you graduate. Your career options include Food Technologist; R&D Technologist; Assistant Manager in Product Development; Food Safety Officer; Laboratory Technologist; Packaging Technologist; Production Superintendent; Quality Assurance Executive; and Teacher/Educator.

**FURTHER STUDIES**
You can apply for related degree programmes at local or overseas universities such as the Degree in Applied Science - Food Science and Technology at the National University of Singapore; the Degree in Chemistry and Biological Chemistry (Honours) with concentration in Food Science & Technology at the Nanyang Technological University or the Bachelor in Food Technology (Hons) programme offered by Massey University, New Zealand which is conducted at SP campus. You can also apply for admission to the Bachelor in Food & Human Nutrition (Honours) programme or the Bachelor of Professional Studies in Culinary Arts Management offered by the Singapore Institute of Technology.

**I BELIEVE**

“The Food Science and Technology diploma by Singapore Polytechnic equipped me with the interdisciplinary concepts of food science and technology that are essential and useful for my undergraduate studies in NUS. The hands-on approach via laboratory sessions during my polytechnic days had also provided me with the confidence to carry out my undergraduate honours year research project independently. In addition, exposing students to industrial attachment in the diploma programme had allowed us to be more prepared and equipped to work in the food industry.”
- Koh Kok Ping Matthew, Class of 2006, recently graduated from National University Singapore’s Bachelor in Applied Science (Food Science and Technology) with 1st Class Honours.
Materials surround us. Everything you hold and see, takes shape thanks to materials. Every time you listen to your iPod, send a text message on your mobile phone or marvel at the medical technology that keeps us alive, you taste the fruits of material advancements.

The Diploma in Materials Science (DMLS) course will train you to consider the basics of chemistry, physics and biology when applying principles in the science of materials: metals, ceramics, composites, polymers and semiconductors. You will also gain an in-depth knowledge of advanced materials: biomaterials, nanomaterials, green materials and aerospace materials so that you can improve existing products or design new products for the rapidly evolving modern world.

**Our uSPs**

- Opportunity to work with researchers from the Advanced Materials Technology Centre.
- Work attachment and research experience with local and overseas collaborators in China, Thailand, Ireland, England and Australia among many others.
- A holistic and experiential learning environment.

**Entry Requirements**

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**BRIGHT FUTURE**

Exciting career opportunities await you when you graduate. Your career options include Materials / Process Researcher and Developer; Materials Characterisation/Failure Analysis Specialist; Quality Control/Quality Assurance/Laboratory Analyst; Process Designer; Production Supervisor; Purchaser/Procurement Engineer; Marketing and Sales Executive; Teacher/Educator and Research Assistant.

**FURTHER STUDIES**

You can gain direct entry into the second or third year of degree programmes in local and overseas universities. You are also eligible to apply for a two-year part-time Advanced Diploma in Polymer Technology programme which qualifies you for direct entry to a one-year Masters programme at several overseas universities.

**I BELIEVE**

“*My experience in DMLS has been more than positive. Not only was adequate knowledge provided to us, we were also empowered with relevant skills in our field of studies. In the process, we are more than just students, we are people ready to contribute back to the society.*” - Ho Keen Hoe, 3rd Year DMLS student, SP Scholar and National Youth Achievement Award Gold Recipient
DIPLOMA IN NUTRITION, HEALTH AND 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 & Wellness (DNHW) is tailored just for you.

This course is the only full-time diploma course in Singapore that 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.

Our uSPs

- Advanced facilities such as the Nutrition, Health and Wellness Centre, which houses the nutrition & metabolic laboratory; alternative health laboratory; human anatomy laboratory; exercise physiology and physical fitness laboratory and the health food preparation and demonstration laboratory.
- Participate in health and wellness outreach programmes.
- A 15-week local or overseas internship programme.

Entry Requirements

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BRIGHT FUTURE

Exciting career opportunities await you when you graduate. Your career options include Nutrition, Health and Wellness Technologist; Assistant Nutritionist; Wellness Co-ordinator; Public Health Co-ordinator; Healthy Lifestyle Promotion Co-ordinator; and Marketing and Sales Executive in health-related industries.

FURTHER STUDIES

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

I BELIEVE

“I chose this course over JCs because it is the only course of this nature that is available in Singapore and more importantly, I have interest in both the nutrition and dietetics areas. This course has been the right choice for me as it contains many interesting modules. I am proud to be in the pioneer batch and I really enjoyed every aspect of the course!”

- Song Shang Qian, Class of 2012 who will be pursuing a degree at a foreign university under the Ministry of Health Overseas Scholar.
Take a moment to consider the importance of eyesight and the impact it can cause 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 the detection of common eye diseases and problems. It also covers the prescription of spectacles and contact lenses.

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

Our uSPs

- First tertiary institution in Singapore since 1994 to offer this course.
- Students start working with patients in the first year and continue with greater responsibilities in subsequent years.

Entry Requirements

Cut-Off Point: 13  Aggregate Type: ELR2B2-C
Subject Grade
a) English Language 1 - 7
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  - Chemistry
  - Science (Chemistry, Biology)
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FURTHER STUDIES

Graduates, who choose to further their studies may be granted subject exemptions or direct entry into the second or third year of a degree programme.

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. You can be an Optometrist in private and public practice. You can also do research work with institutions such as the Singapore Eye Research Institute and the Defence Science Organisation.

I BELIEVE

“The Diploma in Optometry (DOPT) course in Singapore Polytechnic equipped me with up-to-date knowledge and skills in Optometry. The stimulating environment and enthusiastic lecturers made learning engaging and fun. Their passion for Optometry was infectious and ignited in me a desire to know more, which is why I am currently pursuing a PhD in Neuroscience at the University of Manchester, UK.”

-Teresa Tee, Class of 2008
Would you like to learn how to formulate products that will give you age-defying looks? Learn the secrets of fragrance creation? Create brands that celebrities will endorse? Then join the lucrative and recession resistant fragrance and cosmetics industries that even some dermatologists cannot resist. Begin your journey at SP with the Diploma in Perfumery and Cosmetic Science (DPCS).

The Diploma in Perfumery and Cosmetic Science is the only local diploma programme that provides training in chemistry with applications in perfumery and cosmetic science. You will have an integrated learning experience where you will build a strong chemistry foundation and apply your knowledge in specific applications using your senses. Your training with us will distinguish you from other local diplomas as SP is the only institute of higher learning that offers such training locally. The training you receive will be highly sought after not just locally but internationally.

**Our uSPs**

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

**Entry Requirements**

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**Scholarships Available**

- DPS Engineering Award
- Singapore Society of Cosmetic Scientists Merit Award
- Nuance Watson Award

**BRIGHT FUTURE**

Exciting career opportunities await you when you graduate. Your career options include Chemist; Formulator; Trainee/Assistant Perfumer; Product Development Specialist; Product Application Chemist; Quality Control/Assurance Chemist; Regulatory and Product Safety Personnel; Sales/Business/Marketing Executive; and Buyer.

**FURTHER STUDIES**

You can pursue further studies at local or overseas universities in the areas of cosmetic science, perfumery and chemistry.

**I BELIEVE**

“Choosing to come to SP to do this course was a daunting decision as it meant forsaking the well-trodden JC path. But it was one of the best decisions I’ve made in life. I chose to do DPCS because it is a love I’ve harboured since young and I know it’s something I’d like to spend the rest of my life doing.” - Alethea Joy Han Hui En, 3rd year DPCS student who did her internships at Oxford University, UK and another with a French perfumer.
SCHOOL OF
COMMUNICATION, ARTS & SOCIAL SCIENCES

- Applied Drama and Psychology (S43)
- Creative Writing for TV and New Media (S41)
- Media and Communication (S86)

Take Your Story To A Higher Level

The School of Communication, Arts and Social Sciences (CASS), like the rest of Singapore Polytechnic (SP), has embarked on an exciting re-imagining of education. As experts in media and communication, creative writing, drama and psychology, we know our industry and we’re here to help you find your voice; translate that good idea into a brilliant communication campaign, eloquent drama, documentary, film or web-based project; and change the way people think — forever.

Wherever you look, CASS alumni are lifting off into further education or fulfilling careers in public relations, advertising, marketing, broadcasting, filmmaking, arts education, community development and social sciences. Let us take your story to a higher level.

The learning spaces in CASS have never been better. Step into The Agency, our innovative learning space that simulates the workings of a real-life integrated marketing communication agency; and The Writers’ Room, our very own unique space for dreaming and creating. Both these brand-new facilities join The Black Box in transporting you beyond the classroom to real-world workspaces.

Diploma Plus Programmes

The Diploma-Plus Programme is designed for students who are keen to take on an additional qualification on top of their diploma course. You can choose from one of the two courses - Certificate in Digital Film and Certificate in Theatre Performance and Production. Please visit www.sp.edu.sg/cass for details.

The Certificate in Digital Film equips you with the knowledge and experience of the creative processes in film production, such as scripting and directing. Through our master classes, you will meet award-winning film practitioners, including directors, producers and cinematographers.

The Certificate in Theatre Performance and Production gives you the opportunity to develop your acting ability through involvement in a full-length theatre production, from the conceptual stage to the actual presentation. You will also cover areas such as marketing, design and administration.

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

School of Communication, Arts and Social Sciences  Tel: (65) 6772-1170  Fax: (65) 6772-1955  Email: cass@sp.edu.sg  www.sp.edu.sg/schools/cass
Using stories to transform
Do you want to help others share their stories? How can you create transformative encounters when their stories are told? Can these 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 CASS, authentic learning means extending the boundaries of the classroom. Design programmes to meet the specific needs of participants, including children, youths, the elderly as well as marginalised communities.

Our uSPs
With this course, you will:

› Draw on the expertise of leading dramatists through our Artist-in-Residence scheme and master classes. Embark on exciting immersion programmes to London, Taiwan and Thailand, and learn from international theatre practitioners.
› Leave the classroom and work with communities from a wide range of settings, such as schools, prisons and welfare homes. Collaborate with educational institutions and non-profit organisations. Intern with local drama companies, schools, governmental agencies and community development organisations.
› Bring different stories to life in The Black Box, our concrete theatrical 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.

BRIGHT FUTURE
DADP will open the door to a variety of exciting career options and opportunities in the arts, education, community development and social services sectors. You may pursue a career as a Drama Educator, Educational & Outreach Officer, Drama Facilitator, Programme Officer, Social Work Assistant, Welfare Officer or Youth / Rehabilitative Worker.

FURTHER STUDIES
You may further your academic pursuits in drama, theatre studies, applied drama, psychology 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 advance standing to our graduates.

I BELIEVE
“You will never leave DADP without impacting the community around you, giving yourself a voice, putting your heart into things that truly matter and most importantly, enriching the soul of our fast-paced society.” — Noor Izzaty, DADP graduate 2011 and Mendaki Overseas Scholarship Recipient now pursuing honours degree in Drama, Applied Theatre and Education at The Central School of Speech and Drama, University of London.

Entry Requirements

Cut-Off Point: 12  Aggregation Type: ELR2B2-A

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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
Writing Stories That Inspire
How do words combine with pictures, 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 and hones your ability to find, shape and realise your stories, fine-tuning them into polished messages for print, radio, television and interactive new media platforms.

At CASS, authentic learning means taking your story from your imagination to the drawing board and to the audience. Produce children’s stories, news scripts, documentaries, TV dramas and sitcoms, content for mobile applications and more.

Our uSPs
With this course, you will:

- Be inspired. Find your muse in The Writer’s Room, our unique space for dreaming and writing. Through our master classes, network with seasoned journalists, script writers, filmmakers, animators, comic strip artists and other media professionals from Singapore and around the world.
- Leave the classroom! Record your news, drama, sitcom, reality show or documentary in a studio setting or outdoors. Travel overseas to film a documentary as an assignment. Intern with reputable media networks or related companies.
- Get business savvy through our training in media entrepreneurship. Pitch your programmes to industry experts and, if selected, watch them come alive on TV.

Join us – Dream it. Write It. Make it.

Entry Requirements
Cut-Off Point: 11  Aggregate Type: ELR2B2-A

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<th>Subject</th>
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- 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

Bright Future
DTVM will open the door to a variety of exciting career options and opportunities in the fields of TV, video production, journalism, web publishing, communication and other industries that need content production. You may pursue a career as a Media Content Writer, Scriptwriter, Sub-editor, News Correspondent, Web Journalist, Blogger, Researcher, Assistant Producer, Assistant Director, or Educator.

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.

I Believe
“Just a couple of years ago, I was an average student who had little to be proud of, but now I have such a beautiful future ahead of me. Although this may sound clichéd, I really have to thank my polytechnic education in DTVM because I truly would not be where I am today without it.” - Wendy Wong, DMC graduate2011 and Media Development Authority Scholarship recipient now an undergraduate at the Faculty of Arts and Social Sciences, National University of Singapore.
Creating Stories That Connect
The revamped Diploma in Media and Communication places you in the thick of the workings of The Agency, an authentic space where you can expect mentorship by the Starcom MediaVest Group, one of the world's largest brand communication companies.

Explore mass communication and more. Learn how to use print, broadcast and digital media in branding and advertising, events management, journalism, media research, new media marketing, public relations, as well as video and audio production. Your aim: to create holistic and consistent 360 degree communication campaigns. Your method: integrated marketing communication strategies based on a useful knowledge of psychology.

At DMC, authentic learning means you learn by designing real campaigns for global brands. You will also get to apply Singapore Polytechnic’s unique Business Design methodology to projects.

🔍 Our uSPs
With this course, you will:

- Learn hands on. Get busy at a fun-filled boot camp that combines team-building activities with hands-on learning. Create real-life integrated marketing communication campaigns in an authentic space at The Agency. Produce radio and television programmes as well as print, online and video material using state-of-the-art technology.
- Learn from the best in the media and communication industry through our master classes, networking sessions and our mentorship programme with the Starcom MediaVest Group.
- Intern with top media and communication organisations. Manage the newly-launched SPACEmedia, our portal for original creative works by youth. Or join SP’s own radio station, SPACEradio, or the Centre for Social Media, our research hub with a youth focus.

Journey with us at DMC – Create exceptional campaigns that connect.

Entry Requirements

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- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese) / (English)
- Music

BRIGHT FUTURE
DMC will open the door to a variety of career avenues and opportunities in the dynamic marketing communication industry. You may pursue a career as an Advertising Executive, Brand Consultant, Communications Strategist, Creative Executive, Digital Consultant, Journalist, Media Planner, Media Producer, Public Relations Executive or Social Media Analyst.

FURTHER STUDIES
You may pursue a degree in mass communication, new media 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.

I BELIEVE
*At DMC, we are taught to excel. I was given lots of opportunities to explore. The modules were very relevant and they reflect the latest trends and changes that impact the industry* – DMC alumnus Joseph Chua, Group Account Director; Leo Burnett Singapore; Winner of the Young Professional of the Year Award (2010) by the Institute of Advertising, Singapore.
EXPERIMENTATION

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

**Design = Explore + Experiment + Experience**

Design matters. But good design matters even more, because it can change the way we understand and experience the world.

Good design is meaningful and relevant. It is a catalyst for change and SP Design School will be the catalyst for your transformation – by unlocking the inner artist in you and releasing your potential as a designer, so that you can participate in creating change that makes a difference – to create designs that matter.

As a design student in SP, you can look forward to an awesome learning experience that will provoke your curiosity and test your inventiveness. We will provide you opportunities to explore ideas and experiment with new ways of thinking, to push the boundaries of design to transform the experiences of the everyday into the extraordinary.

Our common foundation semester will develop your basic skills in areas like visualisation, interpretation, 2D and 3D making skills. Your learning is conducted in design studios, drawing studios, photo studios and media studios. We encourage you to question conventions and push the boundaries of design to explore and experiment with new media, materials and methods.

We collaborate with world-renowned institutions and offer master classes and workshops conducted by local and foreign designers and artists. We create opportunities for you to work with real clients on real projects, giving you a taste of the working environment and an understanding of real-time demands.

You will be exposed to the creative environment through design conferences, field trips, overseas exchange programmes and competitions.

Join us – if you are a junkie in all things arty; eat, sleep, breathe design like your life depends on it; derive pleasure from a world of multi-sensory experience; love to think out-of-the-box; enjoy an intellectual challenge and adventure.

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

School of Design  Tel: (65) 6772-1718  Fax: (65) 6775-1581  Email: sd@sp.edu.sg  www.sp.edu.sg/schools/sd
The future is in products and services that project an ‘experience’ beyond what they are – one that goes beyond form and function but also delivers an experience that engages, enlightens, and creates enjoyment. That’s where a product finds its meaning.

Such is the approach taken by the Diploma in Experience and Product Design (DXPD) course. We aim to ignite the spark of genius in you, producing Experience and Product Designers that will create ‘moments’ of engagement between users and objects. You will be exposed to the many facets of experience design from the edible to the intangible; from spaces to services; from the user research to the designed solution.

Our uSPs

- Distinctive curriculum that helps you to create radical, creative concepts with the user experience in mind. It includes topics such as Experience Design Thinking, User Research Methods, Storyboarding, Ideation, Concept and Design Development.
- Gain professional experience by working with market leaders like Hewlett-Packard, Del Monte, Proctor & Gamble, OCBC and Symantec.
- International opportunities to exhibit your work in venues such as the prestigious Salone Satellite in Milan; study trips to regional design hotspots in Japan, Korea, and Taiwan.
- Projects and international design competitions such as Muji Design Award, Red Dot Concept Award, Bombay Sapphire as well as social design projects with government organisations.
- Workshops with master designers such as Msayo Ave from Japan.

## Entry Requirements

**Cut-Off Point:** 17  
**Aggregate Type:** ELR282-D

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

## BRIGHT FUTURE

An exciting career in the creative industry awaits you after three years. The creative jobs open to you include Experience Designer; Product Designer; Industrial Designer; User Interface Designer; Interactive Media Designer; User Experience Designer; Design Consultant; Exhibition Designer; Stage Set Designer; CAD Designer; Merchandise Display Artist; Production Designer; and Furniture Designer.

## FURTHER STUDIES

You can gain entry to related degree courses at local and overseas universities.

## I BELIEVE

“I went on an overseas immersion programme in Dalian, China, and was also a member of the exhibition team in Salone Satellite, Milan, Italy. These trips have exposed me to the international design industry. The three-year journey has been very intense yet fruitful in my design education. My lecturers have been instrumental in my learning and growth. Now, I look forward to my next design education journey in NUS (Industrial Design Programme).” — Mabel Low, Class of 2012.
DIPLOMA IN GAMES DESIGN AND DEVELOPMENT (DGDD – S56)

Let the games begin. The hunt is on for individuals who do not just thrive when playing games, but appreciate the concept and idea behind the game. Get into the game development process and get the most out of your skills and creativity with the Diploma in Games Design and Development (DGDD) course. The course will groom you to become a well-rounded entrepreneurial Games Designer, Level Designer or a 2D & 3D Games Artist who can design and develop a game idea from conceptualisation to production, packaging, marketing and distribution.

✈ Our uSPs

- Exciting collaborations with government agencies such as A*STAR, and the Learning Science Lab of NIE.
- Learn with professional game studios about the latest gaming developments in all genres (from iPad games to Social Media and Pervasive Games).

Entry Requirements

Cut-Off Point: 16  Aggregate Type: ELR2B2-D

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✈ Sophisticated, specially-built learning environments such as design studios, digital media labs, games-testing-and-evaluation labs, and a motion-capture studio.

✈ Track record of students who have published games with our industry partners.

BRIGHT FUTURE

An exciting career awaits you after three years. Your job options include Game Designer; Level Designer; Digital Content Creator; Game Quality Assurance Tester; Texture Painter; 3D Modeller; Animator; Concept Artist; Interactive Media Designer; User Experience Designer; and Web Designer.

FURTHER STUDIES

You can pursue higher studies in related courses with universities in Singapore, Australia, UK and USA.

I BELIEVE

“The SP interns repeatedly demonstrated the ability to adapt very well with enthusiastic and curious minds while coping with the creative demands of our projects. This gives us the confidence to accept new intakes knowing that they will be able to produce good work with our teams.” - Associate Professor Henry Duh, Principle Investigator, Interactive and Digital Media Institute, Department of Electrical & Computer Engineering, National University of Singapore.
An interior designer can transform lives for the better by creating functional and inspirational spaces to live, work, and play in. You can too, through our Diploma in Interior Design (DID). This course will train you to be a well-rounded creative designer who can combine technical knowledge with aesthetic vision and communicate your ideas clearly to create a space that is functional, attractive, and meaningful to the user. In DID, you will also be trained in design orientation and thinking. We also encourage research and experimentation in design learning.

Our uSPs

- Dynamic, project-based learning that emphasises a mix of practice and crafting skills and teaches investigative, analytical, and open-minded skills.
- Workshops, laboratories, and industry “live” projects.
- Global exchange programmes with overseas institutions, overseas study trips and site visits that expose you to global designs.

Entry Requirements

Cut-Off Point: 17   Aggregate Type: ELR2B2-D

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- Science (Physics, Chemistry)

BRIGHT FUTURE

Your diploma will land you in creative jobs such as Interior Designer; Project Manager for interior works; Stage-set Designer; Exhibition Designer; Merchandise Display Artist; Computer Graphics Designer or Animator; and Sales Executive for building materials, furniture and furnishings.

FURTHER STUDIES

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

I BELIEVE

Every design project always starts out seemingly impossible, until it is done. Nonetheless the struggle itself is the learning process; this is what develops my strengths and drives me to work harder. The course has given me not only the knowledge that I would need in the industry but also other opportunities such as travelling to Chiang Mai, Thailand, to build a home for the needy, attending international workshops by the Architectural Association (School of Architecture, London), and participating in design competitions.”

- Charmaine Tiong, Final Year Student.
If first impressions count, then visual communication is the most powerful medium available to create compelling and exciting messages. Visual communication in print, interactive and new media, web, animation, TV and video has the power to inform, impress and impact anyone and evoke powerful emotional responses. That’s the beauty of this Diploma in Visual Communications and Media Design. You can engage your audience using integrated mediums of communication.

Our comprehensive programme exposes you to the many facets of visual communication and media design - graphic design, digital photography, illustration, 3D rendering and video production, interactive and new media design to branding communications.

**Our uSPs**

- Integrated curriculum which provides a firm grounding in design fundamentals and formal skills needed to think critically and solve problems creatively.

### Entry Requirements

**Cut-Off Point:** 14  
**Aggregate Type:** ELR282-D

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### I BELIEVE

“In DCMD, I ate, lived and breathed design! I’ve gained a lot from the training and support during the three years, both in the field of design, in my own life, and through the work I’ve done in The Student Agency. I’ve also gained a lot of real-world experience. I really appreciate my time at DCMD, without which I would not have clinched the DesignSingapore scholarship for my university studies in Australia!” - Justin Tan Wei Yang, Class of 2009, now pursuing a degree in Australia under the DesignSingapore Council Overseas Scholarship.

### BRIGHT FUTURE

Your career choices are exciting. Your job options include Graphic Designer; Visual Communicator; New Media Designer; Visualiser; Junior Art Director; Desktop Publishing Designer; Visual Media Producer; Copywriter; Illustrator; Packaging Designer; Web Designer; Digital Artist; and Interactive Designer.

### FURTHER STUDIES

You can gain direct entry into the first or second year of related degree programmes at local and overseas universities.
Diploma in Interior Design (DID) and Diploma in Visual Communication and Media Design (DVMD) students were in Seoul and France respectively for their overseas learning. The DID students worked with their counterparts from the Kaywon School of Art and Design in Seoul to re-design street-side market stores that would improve their businesses. The DVMD students, alumni and lecturers attended the Cannes Lion Festival in France to learn and share their thoughts on creativity. This also marks the first time that the polytechnic community from Singapore was present at the world creative stage. Besides Cannes, SP Design School students also embark on trips to places like Milan, Hong Kong, Seoul, Melbourne and London to feel and experience the design culture in these global cities.
DREAMS

SCHOOL OF
DIGITAL MEDIA & INFOCOMM TECHNOLOGY

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

Authoring Digital Possibilities
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 IT and digital media. A forerunner in the interactive digital media sector, the School of Digital Media and Infocomm Technology (DMIT) has firmly established itself as a magnet for talent.

Innovative Teaching Approach
We offer an unparalleled approach to teaching, through apprenticeship/scenario-based/studio-based learning, that enables you to be highly engaged, challenged and inspired.

Inspiring Learning Spaces
We design learning spaces to draw out the creative genius in you. This includes our Cyberwargames Centre, M.A.D. Studio and Yellow Submarine.

Immersive DMIT Experience
We make dreams more real by putting you in the mix with the who’s who in the industry. We put you on the cutting edge through high-level competitions, industry certifications and real-life work experience.

For more information regarding entry requirements, courses and careers, please contact:
School of Digital Media and Infocomm Technology  Tel: (65) 6772-1900  Fax: (65) 6772-7912  Email: dmit@sp.edu.sg  www.sp.edu.sg/schools/dmit
DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY (DBIT – S82)

Social media, mobile apps and business analytics are three global trends which have an increasing impact on businesses. We keep you abreast with the latest knowledge, skills, and development tools in these 3 focal areas, to prepare you for an ever changing work environment. Coupled with a solid business foundation and entrepreneurship spirit, you can turn any business problem into a competitive edge.

Our uSPs

- **Develop the entrepreneur, consultant and developer in you**
  You will be groomed to be an entrepreneur, a consultant or a developer, depending on what your interest and aptitude is. Unleash your potential to the fullest!

- **Entrepreneurship concentration managed by SP Business School**
  We give you the competitive edge by combining the best in business education by SP Business School and IT training by the School of Digital Media and Infocomm Technology (DMIT). The Entrepreneurship Practicum in Year 3 will let you gain first-hand experience in starting and running a business.

- **Shaping the business world through Interaction Design**
  Eye-catching designs allow a business to connect with customers. In the Interaction Design for Business (xDDB) concentration, students focus on acquiring skills to design and develop visually impactful and user-friendly websites, and mobile apps that integrate tightly with social media.

Scholarships Available

- Infocomm Development Authority of Singapore (IDA) Integrated Infocomm Scholarship (IIS)
- SAS Scholarship
- Singapore Polytechnic (SP) Scholarship

Entry Requirements

| Cut-Off Point: 15 | Aggregate Type: ELR2B2-D |

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

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. Your career options include becoming an entrepreneur or working in the industry as a Graphics Designer; IT Business Analyst/Developer; IT Project Specialist; Mobile Solutions Analyst/Developer; Social Media Analyst; UX/UI Designer; Web Analyst; or Web Application Designer/Developer.

FURTHER STUDIES

Our curriculum gives you the flexibility to pursue either Business or IT degrees in both local and overseas universities with generous advanced standings. Many of our graduates have also won scholarships and studied in local universities like NUS, NTU and SMU.

I BELIEVE

“DBIT has equipped me with wide ranging skills and knowledge. This in turn gave me the flexibility to choose from a variety of degree courses in universities, as well as a spectrum of career options.” - Sean Lee Teik Ren, Class of 2011, awarded the Nanyang Scholarship to pursue a Double Degree in Accounting and Business at the Nanyang Technological University.
DIPLOMA IN  
DIGITAL ANIMATION

(DDA – S35)

Want to tell a story visually? Join the Diploma in Digital Animation (DDA) and bring your artwork to life!

DDA, with its course specialisations of character animation and character creation, will equip you with a full spectrum of skills, from conceptualisation to post production, to give you the edge and help you stand out in the crowd.

To help you create unbelievable ground breaking animation and artwork, DDA has at its disposal talented professional lecturers trained at the world famous Bournemouth University, Vancouver Film School and Sheridan College. In addition, lecturers of DDA have worked at high profile companies such as Animal Logic, TECMO KOEI Singapore and Infinite Frameworks.

Still interested? Now it’s time to unleash your creativity!

Our uSPs

› Home-based studios • Our M.A.D. (Media, Arts and Design) Studios will become your second home, providing personalised spaces and a creative environment to unleash the artist in you.

› Dedicated industry mentorship – Be individually guided by professionals from Lucasfilm and attend workshops and master classes conducted by experts from companies like Pixar (creators of Brave and Toy Story), Blue Sky Studios (creators of Rio and Ice Age) and Remedy Entertainment (makers of the game Alan Wake).

› Be part of the animation community. Overseas study trips to places such as Japan, Hong Kong and Korea, internships in China and US, and immersion programmes at world renowned Gobelins (France), Studio Ghibli (Japan) and GAMBIT at MIT (USA).

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. Your career options include jobs such as Illustrator; Character Designer; Concept Artist; Storyboard Artist; Layout Artist; 2D Animator / 3D Animator; 3D Modeler; Rigger; Texture Artist; Digital Lighting Artist; and Rendering 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. Overseas, we have graduates accepted into 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).

I BELIEVE

“All that I have learned in this course has helped a lot in getting me this far - from creative thinking to modeling to animation.” - Clara Wan, Group Leader of “The Wedding Interlude”, a final year project and award-winning entry in The Crowbar Awards 2010 that also represented Singapore at the Panorama Asia Pacific Animation Challenge 2010, currently Generalist at Omens Studios.

Create award-winning films. Produce high quality films for entry into competitions and international showcases, including Crowbar Awards in Singapore, Annecy International Film Animation Festival in France, and SIGGRAPH in the USA. Collaborate on projects involving the industry as well as other SP diploma students from music and creative writing to games development and visual effects, to expand your horizons and deepen your knowledge.

Entry Requirements

Cut-Off Point: 15  Aggregate Type: ELR2B2-D

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The threat to cyber security has never been so real with hackers and viruses threatening individuals and corporations almost daily. The more we rely on the network to store and manage important information and transactions, the more we need to keep it safe from cybercriminals.

If you aim for a bigger role in protecting our cyberspace and are always game for a challenge in solving problems, you might have what it takes to be an Infocomm Security Management specialist. The Diploma in Infocomm Security Management course gives you the competitive edge for a boost in your future studies and career. You can look forward to an interesting curriculum that covers offensive attacks, defensive methods and investigative skills.

**Our uSPs**

- Cyber Wargame Centre to provide you with a realistic scenario-based learning environment - test your skills against peers, build up cyber defences, launch offensive attacks on your targets, and delve into the intriguing world of forensics investigation in various cyber wargame scenarios.
- Opportunities to get a head start in University through the NUS–Poly Preparatory Programme. Successful completion of the programme will help you gain discretionary admission to the Bachelor of Computing course in NUS.
- Competitive advantage with certifications such as the ThinkSECURE Organisational Systems Security Analyst (OSSA), EC-Council Certified Ethical Hacker, Computer Hacking Forensic Investigator, Red Hat Certified System Analyst and the Oracle Certified Java Programmer.

**Bright Future**

Exciting career opportunities await you when you graduate. Your career options include IT Security Consultant; Computer Forensics Investigator; Security/System Administrator; IT Auditor; Security Engineer; and Application Developer with IT security solution providers, auditing and consultancy firms, banking and financial institutions, and public and private organisations that require IT security services.

**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 undergraduate study in relevant degree courses in countries such as in Australia, United Kingdom and the United States.

**I Believe**

“I am very excited to join The Royal Holloway, a prestigious school that is well-known for its information security programmes. My training in SP has helped lay a good foundation and given me exposure to hone my skills in information security; I am now able to appreciate even the more advanced topics at the Masters level.” - Tan Jingwei, Class of 2009, now pursuing a degree in Computing at Royal Holloway, University of London.
I BELIEVE
“SP’s DIT changed my life by empowering me to strive for excellence. I’ve met so many inspiring, helpful and encouraging lecturers that have ensured the highest quality of my three-year learning journey in SP. Opportunities to work with infocomm leaders such as Microsoft, Oracle, SCS and SiTF opened my eyes to what goes on in the IT industry. DIT gave me an understanding of how IT can improve people’s lives, and the courage to stand up to rigorous panels of judges, and to present to large audiences. Above the awards and prizes, the brightest smiles with care and concern from my lecturers are the things that have left an indelible mark in my life.” - Liu Junhua, Class of 2012, currently studying at the Singapore University of Technology & Design (SUTD).
DIPLOMA IN MUSIC AND AUDIO TECHNOLOGY (DMAT – S97)

You want to be that cool person behind the sound console of a live concert? Or maybe the soundtrack producer for a hit movie? Or perhaps the next award-winning songwriter, composer or music arranger? Then look no further than the Diploma in Music and Audio Technology (DMAT), the one and only such course offered by a polytechnic.

This course will train you to be all that you can be in the music and entertainment industry, arming you with specialised knowledge in the creation and production of music and audio using a variety of software and hardware tools.

Our uSPs

- Unique course that integrates music composition with recording and mixing, with an emphasis on creativity.
- Be a well-rounded music producer. Perform works for industry and take part in competitions.
- Internships with recording studios, audio-related companies or training institutions.
- Well-equipped studios that provide you with state-of-the-art hardware and software to compose, perform, record and edit your music.

Entry Requirements

Cut-Off Point: 12  Aggregate Type: ELR2B2-C

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- Science (Physics, Chemistry)

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. Your career options include Recording Engineer; Live Sound Engineer; Arts and Media Promoter/Manager; Music Arranger/Publisher/Producer/Composer; and Music Educator. There are many career opportunities 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

You can pursue further studies at reputable local or foreign universities. Many universities are granting direct entry into the second or third year of their undergraduate study in relevant degree courses in countries such as in Australia, Hong Kong, United Kingdom and the United States.

Your seniors have also been awarded local and overseas scholarships, and have studied in universities such as NUS, Griffith University, University of Queensland, Keele University, Lancaster University, Berklee College of Music, Full Sail University and University of California Institute of the Arts.

I BELIEVE

“DMAT is a great course. Its curriculum contains a balanced mixture of music and music technology. It has opened my eyes to the endless possibilities and versatility of my creative mind. This course has also set a standard for me to climb upon and push beyond for a breakthrough into the music industry.” - Tan Ming Wen Mandric, Class of 2009, Founder of Soundfarm Production Studios, MDA Scholar 2011, Berklee Scholar 2011.
DIPLOMA IN VISUAL EFFECTS AND MOTION GRAPHICS (DVEMG – S39)

Visual Effects is digitally manipulated live action footage and Motion Graphics are designs in motion. Creative artists in this area combine visual effects with computer-based animation and graphics. They combine video clips and 2D or 3D graphic elements into live-action footage in creative ways to achieve the director’s vision. The final results are eye-catching TV commercials, movie trailers, opening film credits, animated network IDs, TV programme teasers, and catchy “next-ons” between television shows.

Visual effects and motion graphics can bring you and me to where no camera can go. For example, it can park a train impossibly high on a building top or create a movie title using only shadows, smoke and light. It can also create that amazing shot that starts with the universe in space before zooming into a close-up of someone’s eye. Amazed? Be a part of the action by joining the Diploma in Visual Effects and Motion Graphics (DVEMG).

Our uSPs

- Experience real life projects such as World Youth International Rock Climbing competition at Sentosa, Music Matters, Storm-Chasing trip filmed in 3D and adrenaline pumping white collar boxing event produced with motion graphics videos and multi-camera.
- Home-based M.A.D. (Media, Art and Design) studios are built to inspire, engage and motivate students to excel in the Multi Disciplinary Projects.
- Opportunities to connect with renowned International VFX companies Double Negative, IFWs and LucasFilm (ILM) through mentorship, seminars and projects.

Entry Requirements

**Cut-Off Point:** 17  **Aggregate Type:** ELR2B2-D

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

BRIGHT FUTURE

Exciting career opportunities await you when you graduate. Your career options include Compositor; Digital Artist; Digital Matte/Texture Painter; 3D Modeller; Motion Graphics Designer; Effects Animator; Rotoscopy Specialist; Matching/Tracking Artist; Motion Capture Artist; and Assistant Stereographer.

FURTHER STUDIES

You can pursue further studies at local and foreign universities offering undergraduate study in the areas of visual effects, motion graphics, computer animation, or digital film. Foreign universities will grant you direct entry into the second year.

I BELIEVE

“We learnt a lot more in this truly engaging study trip. Before the trip we were struggling with filming time lapse videos. After the trip, we totally understood how it is done with just a week of tutelage and practice. This trip is awesome; we should do it every year.” - Bryan Lim, Hafiz Yusri and Nicole D’Cotta, from the participants of the Storm-Chasing trip in Arizona, United States.
A tale of two bridges. Two groups of students from the School of Digital Media and Infocomm Technology (DMIT) strike their poses at the famed London Bridge and the Golden Gate Bridge in San Francisco during their overseas study trips. Visits to companies such as Apple, Google, Pixar and Adobe ignite their dreams to work with these world class names. These are not all. SP students also flew to Tokyo, Chicago and New York, among others, to learn about the latest in digital media and information technology development.
• Aeronautical Engineering (S88)
• Aerospace Electronics (S90)
• Bioengineering (S58)
• Clean Energy (S45)
• Common Engineering Programme (S40)
• Computer Engineering (S53)
• Electrical & Electronic Engineering (S99)
• Engineering with Business (S42)
• Engineering Systems (S33)
• Mechanical Engineering (S91)
• Mechatronics and Robotics (S73)

Inventing the Future
Engineers are responsible for the technologies that improve our lives. If you want to create something new that revolutionises the world or improves the lives of people around you, then Engineering@SP is for you. Here, creativity and ingenuity have no limits, and we will bring you as far as your curious mind can lead you.

With a history of more than half a century, engineering schools at SP are the most established ones in Singapore, and play an important role in developing young Singaporeans into skilled and knowledgeable professionals. We benchmark with the best in engineering education by collaborating with reputable institutions such as the Rotman School of Management (Canada) and the Olin College of Engineering (USA). We spare no effort in structuring our training to deliver the latest in engineering practice with state-of-the-art facilities.

SP has an illustrious history in engineering education with over 35,000 alumni in the engineering and business sectors, many of whom are captains of industry. If you are curious and love a challenge, come on board SP!
DIPLOMA IN AERONAUTICAL ENGINEERING (DARE – S88)

SP is the first polytechnic to offer an aeronautical diploma course which is the most sought after engineering course. It was launched in 2002 in response to the rapidly expanding aerospace industry in Singapore and the Asia Pacific region. Our premier status in education has forged sturdy bonds with more than 80 aerospace organisations, including the Republic of Singapore Air Force.

Our state-of-the-art laboratories simulate real working environments that include a fighter jet, twin-engine general purpose aircraft and helicopter, and our in-house designed and built full-motion flight simulator.

DARE students may challenge themselves by embarking on multi-disciplinary projects under the new SPace Programme. For details, visit the course page on www.sp.edu.sg.

❖ Our uSPs

❖ A new AERO HUB to facilitate specialised training on aircraft, R&D on unmanned flying machines, flight simulation and practice on the various aircraft systems.
❖ Aligned to Singapore Airworthiness Requirements (SAR 66).
❖ Sit for the SAR 66 Basic Examinations that qualify you to become a licensed Aircraft Maintenance Engineer while still in SP.
❖ Overseas Industrial Attachment Programmes at aerospace companies or universities.

Entry Requirements

Cut-Off Point: 12 Aggregation Type: ELR2B2-C

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❖ Biology ❖ Chemistry ❖ Design & Technology
❖ Fundamentals of Electronics ❖ Physics
❖ Science (Chemistry, Biology) ❖ Science (Physics, Biology)
❖ Science (Physics, Chemistry)

Applicants must not suffer from colour appreciation or hearing deficiency.

BRIGHT FUTURE

Exciting career opportunities await you upon your graduation. You can become an Aeronautical Engineering Technologist or an Aircraft Maintenance Engineer in the aerospace industry. With an additional half-year course in Airline Transport Pilot Theory (during your course of study), you can also start a career as a Flight Operations Assistant; Flight Dispatcher; or Air Traffic Controller with airlines, air transport operators, the aerospace industry sector and the Republic of Singapore Air Force.

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 in the shortest period of two years right here on SP campus.

Within the three years of your DARE course, you may also 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.

You can also gain direct entry with advanced standing of up to two years into the aeronautical and mechanical engineering degree programmes at other local and foreign universities.

I BELIEVE

“I am proud of my decision to take the polytechnic route towards a degree. The DARE course has laid the necessary groundwork in transforming me into a self-learner focused on academic performance. The modules have sufficient depth, providing an edge over my peers at university. I am able to comprehend engineering concepts faster after exposure to the rigours of the DARE course. When engineering becomes intuitive, excellence naturally follows.” — N. Satheesh Kumar, Class of 2006 obtained a 1st Class Honours in Aerospace Engineering at NTU and was awarded a PhD Scholarship to do research in air-conditioning and thermodynamics.
Your dreams of fast jets, unmanned aerial vehicles or unconventional flying objects can take flight with the Diploma in Aerospace Electronics (DASE). Your acquired knowledge and project development skills will prepare you well for the booming aerospace industry. With a concurrent optional half-year course in “Airline Transport Pilot Theory”, you will have the opportunity to realise your aspiration to become a pilot as well.

Selected Diploma in Aerospace Electronics students may challenge themselves by embarking on multi-disciplinary projects under the new SPACe Programme. For details, visit the course page on www.sp.edu.sg

◆ Our uSPs

- First polytechnic to offer a Diploma Course in Aerospace Electronics.
- A new AERO HUB to facilitate specialised training on aircraft, R & D on unmanned flying machines, flight simulation and practice on the various aircraft systems.
- Aligned to the Singapore Airworthiness Requirements (SAR 66).
- Sit for the SAR 66 Basic Examinations that qualify you to become a licensed Aircraft Maintenance Engineer while still in SP.
- Overseas Industrial Attachment Programme to Aerospace Companies or Universities.

Entry Requirements

Cut-Off Point: 14  Aggregate Type: ELR2B2-C

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| c) One of the following 3rd relevant subjects | 1 - 6

- Biology  
- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)  
- Applicants must not suffer from colour appreciation or hearing deficiency.

I BELIEVE

“With experienced lecturers and a comprehensive academic programme, DASE has not only prepared me well to tackle engineering issues in the sky but also build a strong foundation for the attitude beyond.” - Li Yuanhui, Class of 2007, obtained 1st Class Honours in Electrical and Electronic Engineering at NTU and is currently a Satellite Design Engineer with the Defence Science Organisation.

BRIGHT FUTURE

Exciting career opportunities await you upon your graduation. Your career options include Aircraft Maintenance Engineer of commercial aircraft, fighter jets, or helicopters; Aerospace Engineering Officer in the Republic of Singapore Air Force; Electrical and Electronic Engineer; and Aerospace Sales and Marketing Engineer.

FURTHER STUDIES

The Singapore Institute of Technology (SIT) and University of Glasgow have accredited the DASE course for its graduates to complete their Bachelor of Engineering (Honours) in Aerospace Systems or Bachelor of Engineering (Honours) in Aeronautical Engineering degree programmes in the shortest period of two years right here on SP campus. Within the three years of your DASE 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. You can also gain direct entry with advanced standing into Aerospace Engineering, Electrical & Electronic Engineering or Computer Engineering degree courses at local and overseas universities.
DIPLOMA IN BIOENGINEERING

The Diploma in Bioengineering (DBEN) course will offer you multi-disciplinary training in medical technology. The balanced grounding you receive in mechanical engineering, electrical engineering and life sciences will hone your skills in developing viable bioengineering solutions. You will collaborate with engineers, doctors and scientists to improve health standards and the quality of life of many.

Our graduates are valuable assets for the rapidly advancing biomedical sciences industry that constantly churn out ground breaking equipment and innovative procedures!

Our uSPs

- Collaborative industry projects.
- Gain first-hand knowledge in areas such as Human Interface Technology and Assistive Technology.
- Hands-on experience including clinical and research projects with hospitals and research institutions.

Entry Requirements

Cut-Off Point: 14  Aggregate Type: ELR2B2-C

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- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)

BRIGHT FUTURE

Exciting career opportunities await you upon your graduation. You can develop your career as a Bioengineering Technologist with bio-manufacturing companies, hospitals, pharmaceuticals manufacturing plants, healthcare organisations and biomedical engineering services.

FURTHER STUDIES

You may gain advanced standing of up to two years in engineering and bioengineering degree programmes at local and foreign universities.

I BELIEVE

“SP gave me an education like no other. It provided me with opportunities to excel in more than just academics. As the captain of the Canoe Polo Team, I am grateful to SP for giving us their full support when we flew to Taiwan for competitions. The SP Scholar and SPOT programmes were also extremely enriching and broadened my perspectives of the world around me. The lecturers are always ready to lend a hand whenever we need help. I could always go up to the lecturers for help without any fear of rejection. This really made me feel at home and helped me cope with my various commitments.”

- Ham Gao Xiang, Class of 2010, awarded the A*STAR Undergraduate Scholarship to pursue a degree in Biological Sciences at NTU.
DIPLOMA IN **CLEAN ENERGY** *(DCEG – S45)*

Singapore Polytechnic is the first polytechnic to launch the Diploma in Clean Energy (DCEG). With increasing global warming and depletion of fossil fuels, clean energy will be the answer to alternative energy sources and its sustainability. Singapore aspires to be a global clean energy hub. The cleantech sector in Singapore is forecasted to contribute S$3.4 billion (US$2.6 billion) to gross domestic product by 2015, while providing 18,000 high quality jobs in Singapore. The DCEG course will train you to become a new generation technologist powering the future of clean energy.

**Our uSPs**

- First polytechnic to pioneer the research in clean energy.
- First to set up solar system in 1993 and also installed a wind energy system to harness clean energy.
- Participate in projects such as the Clean Energy Research Test Bedding (CERT), solar car/boat and electric vehicle, and solar living lab.
- Participate in overseas industrial training programmes in Germany, Australia, China and Thailand.
- Gain from us a solid foundation in mathematics to help you grasp the fundamentals of electrical and electronic engineering.
- Deep understanding in energy conversion systems, solar energy systems, wind energy systems, bio-mass and fuel-cells, and green mobility.

**Entry Requirements**

**Cut-Off Point:** 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  
   - Biology
   - Chemistry
   - Design & Technology
   - Fundamentals of Electronics
   - Physics
   - Science (Chemistry, Biology)
   - Science (Physics, Biology)
   - Science (Physics, Chemistry)

Applicants must not suffer from either colour appreciation or hearing deficiency.

**BRIGHT FUTURE**

Exciting career opportunities await you upon your graduation. Your career options include working as a Technologist with energy and environmental companies and organisations in the public or private sectors; Technical Officer; Design Specialist; and Assistant Engineer in the electrical engineering sector.

**FURTHER STUDIES**

You can pursue a degree in engineering at local and foreign universities. You will gain advanced standing in degree programmes from prestigious universities such as the Australian National University, University of New South Wales and the Munich University of Applied Sciences.

**I BELIEVE**

“I believe I have made the right decision choosing Clean Energy. The course has equipped me with knowledge and skills to undertake challenges. DCEG has the best teaching team which gave me a solid foundation that open the pathway for me to further my studies in the university.” - Loi Yong Hwee. Class of 2012, who will be pursuing a degree in Electrical and Electronic Engineering at NTU under a Singapore Power scholarship.
You are passionate about engineering but undecided about which course to take. Fret not. The Common Engineering Programme is carefully designed for you to make the right choice. During the first semester, you will be introduced to the world of engineering where you get to dabble with mechanical equipment, biomedical instruments, electrical circuits and electronic gadgets to discover your interests and strengths. At the end of it, you will be able to make an informed choice out of eight engineering courses – Aeronautical Engineering; Aerospace Electronics; Bioengineering; Clean Energy; Computer Engineering; Electrical and Electronic Engineering; Mechanical Engineering; or Mechatronics and Robotics.

**Our uSPs**

- This programme offers you a wide range of engineering choices to choose from, giving you an insight to what interests you the most.

### Entry Requirements

**Cut-Off Point:** 16  
**Aggregate Type:** ELR2B2-C

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- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)
Diploma in Computer Engineering (DCPE – S53)

It all begins with a micro-chip. A small piece of silicon that is crafted to thousands and even millions of electronic circuits, and with that micro-chip you can control the world. Computer Engineering looks at how we use computers/microchips to control the world around us. Computer Engineers use hardware, software and systems to build smart devices (e.g. phones, tablets) and load them with applications that allow users to control devices or communicate with each other. The Diploma in Computer Engineering (DCPE) will provide you with a strong foundation in electrical engineering, smart devices, networking, operating systems, programming and mathematics, enabling you to meet the challenges of the digital world.

Our uSPs

- Solid foundation in electrical engineering, smart devices, computer systems and networking, programming and mathematics.
- A flexible programme that builds on your foundation allowing you to create a wide-base curriculum or specialise in two areas of computer engineering.
- Hands-on experience in developing and programming smart devices, computer networks and operations, security environments and mobile applications development.
- Use and manage the state-of-the-art virtualization tools and services at the SP EEE Cloud Computing Centre (the only one of its kind in Singapore).
- Fully equipped laboratories with Enterprise-level computer networks and data centre.

I BELIEVE

“DCPE has equipped me with technical and inter-personal skills that will prepare me well for my further studies and career. The Diploma-Plus programme that I took gave me a Red Hat Certified Technician Status which is recognised worldwide. My involvement in RoboCup 2010 gave me the chance to interact with people of similar interest from all around the world.” - Sunardi, Class of 2010, currently pursuing a degree at the Singapore University of Technology and Design with a scholarship from ST Engineering.
The Diploma in Electrical & Electronic Engineering is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability. For details, visit www.sp.edu.sg and click on the APEX banner.

Electrical and electronic engineering is the broadest and most dynamic of all engineering. It covers everything from micron-scale transistors to macro-scale network systems. This is a major sector in Singapore’s economy. In 2011, Electronics industry contributed an output of S$86.1 billion and employed more than 82,000 workers.

Your future career options span a wide range of industries - from aerospace and biomedical industries to robotics and microelectronics sectors, and much more.

The Diploma in Electrical & Electronic Engineering (DEEE) will prepare you to be a competent and a much sought after technologist to meet the challenges of a very fast-moving industry.

Our uSPs

- Flexible programme to give you a strong foundation in electrical & electronic engineering while specialising in two different areas of interest.
- Follow the CDIO (Conceive-Design-Implement-Operate) framework which is used in top universities in the United States, Europe and Australia.
- Semester-long Immersion Programme in our new Rapid Transit Technology option, allowing students to experience the real mass rapid transit work environment.
- Option to complete your academic programme in five semesters and use the last semester to complete a multi-disciplinary project.
- Overseas industrial training programmes in Australia, China, and Germany.

BRIGHT FUTURE

Exciting career opportunities await you upon your graduation. You can choose an engineering career in the areas of Electronics / Communications / Computer / Electrical / Control / Transportation / Test / Design. Your diploma is recognised by the Energy Market Authority (EMA) for the application of Electrical Technician License if you want to specialise in Power Engineering. If you take a specialisation in Aerospace Engineering, you can later gain a competitive advantage by taking the SAR66 examinations conducted by the Civil Aviation Authority of Singapore for the Licensing of Aircraft Maintenance Engineers.

FURTHER STUDIES

You can pursue a degree with local or foreign universities in Electrical / Electronics / Computer / Bioelectronics engineering. You will gain direct entry into the second year of Bachelor of Electrical & Electronic Engineering courses at reputable universities locally or overseas (Australia, New Zealand, United Kingdom and United States).

I BELIEVE

“Impossible is nothing for those who want. Impossible, when broken up, means I’m Possible. With SP, I’m So Possible!” - Alan Yeo, Class of 2012, now pursuing a degree in Electrical Engineering at NUS under the Energy Market Authority scholarship.

Entry Requirements

Cut-Off Point: 20  Aggregate Type: ELR2B2-C

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❖ Biology ❖ Chemistry ❖ Design & Technology ❖ Fundamentals of Electronics ❖ Physics ❖ Science (Chemistry, Biology) ❖ Science (Physics, Biology) ❖ Science (Physics, Chemistry) ❖ Applicants must not suffer from colour appreciation deficiency.
In this constantly changing world, it might be challenging to conduct business without a good understanding of new technologies. Neither can you do engineering with little exposure to business knowledge and skills. The Diploma in Engineering with Business (DEB) 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 science, maths and technology, but may not necessarily want to pursue a pure engineering course, this is the right choice for you.

**Our uSPs**

- Revamped programme that integrates engineering and business knowledge with focus on technopreneurship.
- Learn from experts from three SP schools – School of Electrical & Electronic Engineering, School of Mechanical & Aeronautical Engineering and SP Business School.
- Seminars, site visits and field trips.
- Overseas immersion programmes.
- Semester-long internship programme.

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**Entry Requirements**

**Cut-Off Point:** 15  **Aggregate Type:** ELR2B2-C

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<td>- Chemistry</td>
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<td>- Design &amp; Technology</td>
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<td>- Fundamentals of Electronics</td>
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<td>- Physics</td>
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<td>d) Science (Chemistry, Biology)</td>
<td>1 - 6</td>
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<td>f) Science (Physics, Chemistry)</td>
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<td>g) Any two other subjects</td>
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**BRIGHT FUTURE**

Exciting career opportunities await you when you graduate. Your career options include Technical Sales Executive; Marketing Executive; Project Executive; Procurement Officer; Business Planning and Development Executive; Product Trainer; and Entrepreneur.

**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.

**I BELIEVE**

“DEB gave me the opportunity to explore and learn a wide range of subjects. The teaching of both engineering and business modules in this course allows me to integrate the technical aspects of engineering with essential business concepts. This approach provided me with an insight on how these concepts are applied to engineering products and services in the world of business.” - Thomas Tham, Class of 2012, will be pursuing the Renaissance Engineering Programme at NTU under the Ng Bok Eng Renaissance Engineering Scholarship.
DIPLOMA IN ENGINEERING SYSTEMS (DES – S33)

The Diploma in Engineering Systems is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability. For details, visit www.sp.edu.sg and click on the APEX banner.

Air-conditioning and refrigeration, automobile, electrification, health technology and telephone are among the greatest engineering achievements of the 20th Century. They have resulted in improved lives for billions of people around the world. These improvements were not only due to technological advancements but also the result of applying the concepts of ENGINEERING SYSTEMS to integrate technology, people and services.

The Diploma in Engineering Systems (DES) is a multidisciplinary diploma programme designed to provide exciting opportunities to experience the interconnections of large and complex systems such as energy, health care, logistics, manufacturing, telecommunication, transportation and more. DES integrates the fields of engineering, management and social sciences in the first two years, leading to multi-disciplinary options in the final year to develop system innovators with strong analytical, problem-solving and management skills.

If you are interested in engineering study dealing with diverse, complex physical design problems that include components from several engineering disciplines, as well as management, this is the right choice for you.

**Entry Requirements**

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- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)

- Applicants must not suffer from colour appreciation or hearing deficiency.

**Our uSPs**

- A unique programme, pioneered by SP that combines engineering, management and social sciences modules.
- Learn macroscopic engineering in a socio-economic context.
- Integration of the teaching expertise of two schools: the School of Electrical & Electronic Engineering and the School of Mechanical & Aeronautical Engineering.
- CDIO™ educational framework enhanced through the Design Thinking process.
- Studio-based learning environment.
- Hands-on engineering practice experience during the one-semester Capstone Project that is based on industry and/or research collaborations.

**BRIGHT FUTURE**

Graduates will be able to join the fast moving urban transportation sector and industrial automation sector in various engineering positions such as Assistant Engineer, Associate Engineer, Product/Process/Project Development Engineering Assistant, Technical Support Officer, Instrumentation Engineer, Application Development Engineer, Technical Services Engineer, and Analytical Engineer.

**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 and Nanyang Technological University. You can also get advanced standing when you pursue engineering programmes in Australia, United Kingdom and the United States of America.

**I BELIEVE**

“The new Diploma in Engineering Systems will play an important role in helping to train future engineers in growing their capabilities in the area of urban transportation and industrial automation. There is a shortage of personnel in this area and we foresee this area will grow substantially in the next decade, not only in Singapore but also regionally.”

- SMRT
The Diploma in Mechanical Engineering is an SP APEX Programme specially designed to inspire and help you reach the peak of your ability. For details, visit www.sp.edu.sg and click on the APEX banner.

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 re-inventing to align with international trends and gain worldwide acclaims and accreditations. As a DME student, you will develop a firm foundation in a wide range of engineering disciplines and some non-engineering basics such as business and arts. You will specialise in one of six options to hone your skills in a key area of engineering expertise. Some of our graduates have successfully progressed to forefront IT careers and even gained admission into business degree programmes in prestigious universities.

**Our uSPs**

- Only mechanical engineering course that applies Design Thinking methodology using the Massachusetts Institute of Technology’s Conceive, Design, Implement and Operate (CDIO™) framework to our curriculum.
- Specialise in one of the following: Aerospace Technology; Energy Systems; Facilities Management; Machine Development; Precision Engineering; Product Realisation.
- Internships with reputable organisations and exposure to real-world projects.

**Entry Requirements**

**Cut-Off Point:** 18  
**Aggregate Type:** ELR2B2-C

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- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)

**BRIGHT FUTURE**

Exciting career opportunities await you upon your graduation. Depending on your specialisation, you can start your engineering career as an Engineer or Technologist in the aerospace, energy, hospitality and manufacturing industries.

**FURTHER STUDIES**

You can gain advanced standing of up to two years in mechanical engineering degree courses at local and foreign universities.

**I BELIEVE**

“I have always been fascinated by how things around me work. From home appliances, such as refrigerators to heavy industrial machines and our intricate smartphones, I see one thing in common – Mechanical Engineering. This is the most fundamental and versatile form of engineering. At SP, I was taught the concepts of engineering mechanics and given the opportunity to do real hands-on work.” - Teo Choon Seng, Class of 2012, will pursue a degree in Mechanical Engineering at NTU.
SP launched Singapore’s first mechatronics diploma course in 1991 to meet the niche demand for cross-disciplinary engineers from precision engineering companies. We have since diversified to cover more emerging fields of expertise to meet the demand for multi-disciplinary engineers. 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 Diploma in Mechatronics and Robotics (DMRO) student, you will work with renowned industry partners and participate in high-profile robotic competitions locally and internationally. Our versatile graduates have forayed successfully into professions beyond engineering, including banking, accountancy and medicine.

Our uSPs

- Equips you with multi-skills and knowledge that cover mechanical engineering, electronics and computer technology.
- Allows you to diversify into other engineering fields.
- Real and relevant first-hand work experience and engaging projects with reputable organisations.

**Entry Requirements**

**Cut-Off Point:** 22  
**Aggregate Type:** ELR2B2-C

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>b) Mathematics (Elementary/Add)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>c) One of the following 3rd relevant subjects</td>
<td>1 - 6</td>
</tr>
</tbody>
</table>

- Biology  
- Chemistry  
- Design & Technology  
- Fundamentals of Electronics  
- Physics  
- Science (Chemistry, Biology)  
- Science (Physics, Biology)  
- Science (Physics, Chemistry)

---

**I BELIEVE**

“I dreamt of being an engineer since I was young. It was a dream come true when I was accepted to study Mechatronics at Singapore Polytechnic. I could relate how mathematics and physics were applied to real industrial and consumer applications. In my final-year, I designed and put together a moving robot. Besides studies, I had time for recreation. I played table tennis, basketball and went to the gym. MAE has prepared me well for university study. I know my Diploma in SP is highly recognised as I had received multiple offers from local and overseas universities.” - Wei Linyun, Class of 2012, is a recipient of the Khoo Teck Puat Scholarship and is currently pursuing a degree in Mechanical Engineering at NTU.

---

**BRIGHT FUTURE**

Exciting career opportunities await you upon your graduation. You can develop your career as a Mechatronics and Robotics Technologist in the automated and high valued biomedical and pharmaceutical manufacturing industries. There is always a high demand for mechatronics graduates in the fields of consumer electronics, automation, semiconductors and data storage, communications, research and development and many more.

**FURTHER STUDIES**

You can gain direct entry into the second year of related engineering degree programmes at local and foreign universities.
Ride The Waves

Without maritime, half the world would starve and the other half would freeze! The future in the maritime industry brims with international opportunities. You get the BEST of both worlds – options to work at sea or ashore.

The Singapore Maritime Academy (SMA) is the only maritime training institution in Singapore. It offers a comprehensive range of programmes at diploma level. It also offers the entire range of professional maritime courses at the Certificate of Competency level.

SMA offers various SMA-MaritimeONE scholarships valued between $10,000 to $38,000 through the Singapore Maritime Foundation for you to pursue full-time diploma programmes and degree courses locally at NTU; or the Newcastle University (through the Singapore Institute of Technology); or overseas at Plymouth University (UK), Maritime Institute Willem Barentsz (The Netherlands), Chung-Ang University (South Korea) and the State University of New York (USA).

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 in collaboration with Star Cruises. Sail onboard the SS Pallada, the world’s tallest ship at 365 feet, to learn practical navigation and traditional sailing skills. There are also many opportunities for overseas exposure via study tours and community service programmes.

Let us bring you on a maritime adventure around the globe like no other.

For more information regarding entry requirements, courses and careers, please contact:
Singapore Maritime Academy Tel: (65) 6772-1316 Fax: (65) 6772-1958 Email: sma@sp.edu.sg www.sp.edu.sg/schools/sma
The Diploma in Marine Engineering (DMR) course encompasses various engineering disciplines (mechanical engineering, electrical and electronic engineering, engineering design and control technology) required to make a ship an independent power plant.

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 seagoing or shore-based route during your second year.

Our uSPs

- Multi-disciplinary studies of engineering technology.
- Comprehensive learning experience through hands-on training, enrichment talks, ship visits and industry exposure.
- Best of both worlds - the opportunity to opt for either the Shipboard Operation option or Offshore Technology option.

Scholarships Available

- Tripartite Maritime Scholarship Scheme (TMSS)
- Seafaring Alternative – An Investment for Life (SAIL)
- Association of Marine Industries (ASMI)

Entry Requirements

Cut-Off Point: 16  Aggregate Type: ELR282-C

<table>
<thead>
<tr>
<th>Subject</th>
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</tr>
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<td>c) One of the following 3rd relevant subjects</td>
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</tr>
</tbody>
</table>

- Biology  Chemistry
- Design & Technology  Fundamentals of Electronics
- Physics  Science (Chemistry, Biology)
- Science (Physics, Biology)  Science (Physics, Chemistry)
- Applicants must not suffer from colour appreciation deficiency.

Career advancement for DMR graduates

<table>
<thead>
<tr>
<th>Age</th>
<th>Sea Salary</th>
<th>Your Future</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
<td>Diploma in Marine Engineering  Sea Training  Junior Engineer  Further Studies</td>
</tr>
<tr>
<td>22+</td>
<td>$3,000++</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>$7,500++</td>
<td>Second Engineer  International recognized Professional Qualification  Shore Job  Middle Management  Marine Industry  Oil Industry</td>
</tr>
<tr>
<td>29</td>
<td>$10,000+++</td>
<td>Chief Engineer</td>
</tr>
</tbody>
</table>

++ Tax free income plus paid leave

BRIGHT FUTURE

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.

Our graduates are trained to be marine engineers on ships, project engineers in our world-class shipyards, engineers in the offshore oil and gas industry, and in various non-maritime industries, as well as in sales and service positions in engineering companies.

FURTHER STUDIES

You can gain direct entry into related engineering degree programmes in NUS, NTU and overseas universities or pursue an honours degree in Naval Architecture, Marine Engineering or Offshore Engineering offered by Newcastle University through the Singapore Institute of Technology (SIT). DMR graduates can also opt to pursue a Bachelor of Maritime Operations offered by the Maritime Institute Willem Barentsz (The Netherlands), while at sea.

I BELIEVE

“I’ve always wanted to maximise my potential to be an engineer with skills and be capable of logical and creative thinking. The DMR course is training me to be one. My dream is to be an engineer onboard a foreign-going ship.”

- Francis Foo, Class of 2012.
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.

Our uSPs

- 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 shore-based internship during the second year which provides first-hand experience of working in maritime-related organisations.

BRIGHT FUTURE

With this diploma, you are ready for a variety of career options and opportunities in companies from shipping and logistics sectors such as ship management, logistics, ship owning, ship brokering, ship agency, freight forwarding, and marine insurance firms; and the Maritime and Port Authority of Singapore.

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 can also pursue business programmes at NUS or NTU or a maritime-related degree programme offered by the Maritime Institute Willem Barentsz (The Netherlands).

With our strong collaboration with foreign universities, you can also gain direct entry into a number of maritime programmes offered by these universities. Graduates who obtain more than 3.0 GPA may gain direct entry into the third year of the Plymouth University (UK) maritime degree programme; or direct entry 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.

I BELIEVE

“The lecturers at SMA are really inspirational. They bring to the classroom many sea-going experiences from all over the world. Their experiences and stories are priceless and opened my eyes to look beyond my horizon.” - Rugella Rugdee, Class of 2011, now working as a Yacht Sales Executive at Simpson Marine (SEA) Pte Ltd

Entry Requirements

<table>
<thead>
<tr>
<th>Cut-Off Point: 16</th>
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<td>c) One of the following 3rd relevant subjects</td>
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</tr>
</tbody>
</table>

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

- Biology
- 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 Nautical Studies (DNS)

Offered under Direct Admissions Exercise

“We all know that about 90% of the world’s trade is carried by the international shipping industry. Without shipping, half the world would starve and the other half would freeze!” said Mr Koji Sekiniza, 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.

**Our uSPs**

- A double-award programme that gives 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.
- 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 ship placement during the second phase training 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.

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 also not suffer from colour appreciation deficiency. Any offer of admission will be conditional upon applicants showing 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.

**Scholarships Available**

- Tripartite Maritime Scholarship Scheme (TMSS)
- Seafaring Alternative... An Investment for Life (SAIL) Students sit through a selection interview where shipping companies offer suitable students attractive sponsorship packages.

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**Career advancement for DMR graduates**

<table>
<thead>
<tr>
<th>Age</th>
<th>Education</th>
<th>Sea Career Path</th>
<th>Shore Career Path</th>
</tr>
</thead>
</table>
| 16  | GCE Level  
+ 12 mths at SP  
+ 12 mths Sea Training  
+ 12 mths at SP | Officer on merchant ships or off-shore & DIP vessels ($3,000++) | Executive in shipping port, pollution, shipping administrations |
| 20  | Diploma in Nautical Studies (plus International Class 3 CoC)  
Sea Experience  
12 mths for Class 2 CoC Oral Exam  
Combined Class 1 & 2 CoC Course | Chief Officer ($57,500++) | Middle management |
| 24  | International Class 2 CoC  
Sea Experience (24 mths for Class 1 CoC Oral Exam) | Chief Officer ($57,500++) | Further Studies |
| 27  | International Class 1 CoC | Ship Master ($10,000++) | Management in ship recycling, off-shore services |

**BRIGHT FUTURE**

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 lay your hands on 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 Degree in Maritime Operations offered by the Maritime Institute Willem Barentsz (Netherlands).

**I BELIEVE**

“‘To know that the job I’m doing is vital to world trade brings me a lot of satisfaction. As a ship officer, I can travel the world and gain new perspectives on different countries, cultures and people.’”  
- Shone De Silva, Second-Year DNS Cadet.

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**Entry Requirements**

| Cut-Off Point: N.A. (Apply under DAE) | Aggregate Type: ELR2B2-C |

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
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<td>1 - 6</td>
</tr>
<tr>
<td>c) Any two other subjects</td>
<td>1 - 6</td>
</tr>
</tbody>
</table>

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

- Biology  
- 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 also not suffer from colour appreciation deficiency.

- Any offer of admission will be conditional upon applicants showing 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.
A strong desire to achieve something. Make the right choice at SP to achieve your aspiration.

SCHOOL OF ARCHITECTURE & THE BUILT ENVIRONMENT
- Architecture
- Civil Engineering with Business
- Environmental Management & Water Technology
- Hotel & Leisure -facilities Management
- Integrated Events & Project Management
- Landscape Architecture

SP BUSINESS SCHOOL
- Accountancy
- Banking & Finance
- Business Administration
- Business Innovation & Design
- Financial Informatics
- Human Resource Management with Psychology
- International Business
- Tourism & Resort Management

SCHOOL OF CHEMICAL & LIFE SCIENCES
- Applied Chemistry with Pharmaceutical Science
- Biomedical Science
- Biotechnology
- Chemical Engineering
- Food Science & Technology
- Materials Science
- Nutrition, Health & Wellness
- Optometry
- Perfumery & Cosmetic Science

SCHOOL OF COMMUNICATION, ARTS & SOCIAL SCIENCES
- Applied Drama and Psychology
- Creative Writing for TV & New Media
- Media and Communication

SP DESIGN SCHOOL
- Experience & Product Design
- Games Design & Development
- Interior Design
- Visual Communication & Media Design

SCHOOL OF DIGITAL MEDIA & INFOCOMM TECHNOLOGY
- Business Information Technology
- Digital Animation
- Infocomm Security Management
- Information Technology
- Music & Audio technology
- Visual Effects & Motion Graphics

SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING
SCHOOL OF MECHANICAL & AERONAUTICAL ENGINEERING
- Aerospace Engineering
- Aerospace Electronics
- Biomedical engineering
- Clean Energy
- Common Engineering Programme
- Computer Engineering
- Engineering with Business
- Electrical & Electronic Engineering
- Engineering Systems
- Mechanical Engineering
- Mechatronics & Robotics

SINGAPORE MARITIME ACADEMY
- Marine Engineering
- Maritime Business
- Nautical Studies

Visit SP Open House on 5th, 7th and 8th January 2013 to find out more.

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DANIEL CHAN
3rd Year
Diploma in Mechanical Engineering
SP Track and Field Team Captain
DIPLOMA IN ENGINEERING SYSTEMS

Brand New Course for 2013

8 REASONS WHY YOU SHOULD STUDY ENGINEERING SYSTEMS

1 ONE AND ONLY
A unique combination of ENGINEERING, MANAGEMENT and SOCIAL SCIENCES — the key ingredients for the future.

2 A SYSTEM POINT OF VIEW
Rev you up to think and see issues from a system point of view.

3 STUDIO-BASED LEARNING
Learning is conducted through active engagement of students in a specialised studio setting. Studio learning will enable you to:
- Learn in teams
- Master the fundamental knowledge through sharing and inquiring
- Develop problem-solving skills and analytical thinking
- Apply the knowledge to the real world applications

The curriculum is developed in collaboration with Olin College of Engineering, USA.

4 CONCEIVE-DESIGN-IMPLEMENT-OPERATE (CDIO)
CDIO learning, developed by the Massachusetts Institute of Technology (MIT) and adopted by Ivy League institutions worldwide, is applied to this course.

5 INDUSTRY ENDORSEMENT
Renowned companies such as IBM, Siemens, SMRT and ST Kinetics have given their strong support for this course. You'll get opportunities to be attached to these companies either locally or overseas during the five-month internship or capstone project in the final year.

6 SCHOLARSHIPS
Outstanding 'O' level graduates enrolled in this new course can apply for scholarships offered by SP or external organisations.

7 UNIVERSITY
You can pursue a degree programme (engineering or other disciplines) after this course in local and overseas universities. If you do very well, you could earn a university scholarship too!

8 WORLD-READY
When you graduate, you will understand the real-world systems in their social, ethical and environmental contexts and ready to tackle system-level problems using technical and management skills.

Scan this QR code for more information

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