THE CHOICE OF 180,000 EXCITING DIPLOMA COURSES

50 EXCITING DIPLOMA COURSES

JAE 2014
Your Guide to join Singapore's 1st Poly

Pick the RIGHT COURSE

JAE 2014
Your Guide to join Singapore's 1st Poly

50 EXCITING DIPLOMA COURSES

OPEN HOUSE 2014
9, 10, 11 JANUARY

SP+U
I have great aspirations for my future and I need the skills, knowledge and experience to get me there. Choosing SP has given me that first step to greatness and now, I am living my dream.

With SP, it’s so possible.

aspirations.sg
OPEN HOUSE HIGHLIGHTS

9, 10, 11 JANUARY

10AM TO 6PM

Course Counselling @ SP Convention Centre
9, 10 & 11 Jan, 10am to 6pm
Need some advice on the courses you are interested in? Come have a chat with our SP lecturers. Course counselling is also available during the JAE application period, right after the release of G.C.E. ‘O’ level results.

Life@SP at Open Plaza
Activities galore! Come on down and catch exhilarating performances like Cheerleading, Daiko Drums, Mixed Martial Arts and DanceSport. Play wacky games and bring home a prize in the Spin-and-Win. Don’t forget to grab the sought-after SP Open House Goodie Bag on your way out! (Only for G.C.E. ‘O’ level school leavers.)

Campus Tours
Hop onto the campus tour bus and get a feel of the award-winning green campus, with a close-up view of the amazing learning facilities here at SP.

Parents’ Forum @ Auditorium
11 Jan (Sat) - 10am and 1pm sessions
Course and Career Seminar @ Auditorium
15 Jan (Wed) - 7.30pm and 8.30pm sessions
For details, kindly refer to invitation sent to homes of G.C.E. ‘O’ level school leavers.

SP Business School
School of Chemical & Life Sciences
School of Communication, Arts & Social Sciences
SP Design School
School of Digital Media & Infocomm Technology
School of Electrical & Electronic Engineering and School of Mechanical & Aeronautical Engineering
Singapore Maritime Academy

The Polytechnic reserves the right to alter the information in this publication. Information is correct as at 2 January 2014.
WHY I CHOOSE SP

My parents were supportive of my decision. They believe that IT was an industry with lots of potential. Furthermore, my brother was already in the school before me. He was enjoying his time there and that kind of gave the final seal of approval for my decision to join Singapore’s first poly.

My brother graduated from SP two years before me as a silver medallist, the second-best student in his cohort. That stressed me out. Haha, I had to do just as well. And I did. Although it was a whirlwind excelling in both academic and extra-curricular activities, I graduated as the gold medallist.

The SP experience is truly unique. I had the chance to go overseas twice. The first journey was a community service trip to Inner Mongolia, where I planted trees to combat the desertification there. The second was my xx-week long industrial attachment at University College London in Britain where I did research work on the IT industry. Both experiences helped me gain a wider sense of both the world’s problems and the possibilities it offers. I also had the chance to team up with students from other diplomas for national competitions.

That was not all. I got a free education in SP by winning the Integrated Infocomm Scholarship awarded by the Infocomm Development Authority. In fact, SP students had been clinching lion’s share of this scholarship meant for poly students who want to pursue an IT career. The scholarship paved the way for me to receive the National Infocomm Security Competition in 2013!

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Admission to polytechnic courses is based on meeting the Minimum Entry Requirements (MER) and the ELR2B2 (refer to page 15) and the available vacancies. The ELR2B2 aggregate score refers to the GCE ‘O’ Level results for English Language, two Relevant subjects and your Best two other subjects.

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

ELR2B2
Each SP diploma course has a ELR2B2. 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 2013 JAE ELR2B2.

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 your choices.

How to make the right choice at JAE
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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.

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 2013 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 (JPAE) is for holders of ITE Higher Nitec and Nitec, including final-year ITE students.

Direct Admissions Exercise (DAE) is for ex-polytechnic students and students who are holders of the GCE ‘A’ Level or international qualifications.

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.
Let’s say Jack has competed in 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 make optimal use of the 12 choices:

- Use 2013 JAE ELR2B2 as a guide
- Do not rule out a course if your ELR2B2 aggregate score is outside the previous year’s ELR2B2
- 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 2013 JAE ELR2B2 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 competed in 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 JAE ELR2B2. JPSAE will open an additional door to help those with special talents or achievements to get their dream course despite not meeting the JAE ELR2B2.
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! 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.

Seleine Bay
Diploma in Banking and Finance, Class of 2011
Currently pursuing a double degree in Business Management at the Singapore Management University under the Lee Kong Chian 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.”

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.

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.

“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 poly’s 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.”

Farhana Binte Jaafar
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.

“Through my experience in the SP community, I learned that every SP graduate is unique in his/her own right. 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 forms a complete and meaningful picture when put together.”
SCHOLARSHIPS @ SP

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, 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 Sports, Arts & Music Scholarship
✦ If you excel in Music, Arts and Sports at national, combined schools or higher level, SP offers an annual sponsorship of $2,000 renewable over three years.

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 24 of the 40 Integrated Infocomm Scholarships offered by the Infocomm Development Authority to polytechnic students.

If you have outstanding results and aspire to be a future leader, you can be selected for the SP Outstanding Talent (SPOT) programme. SPOT is a talent development programme designed to shape SP’s top students into tomorrow’s Leaders, Humanitarians, Communicators and Scholars.

Under this programme, you will receive an all-rounded education that develops your potential in areas beyond your diploma subjects. You will take up modules in current affairs, attend workshops and camps where you will be trained to be confident speakers and effective leaders. You will also get the chance to be nominated for youth awards and prestigious scholarships.

On top of that, you will get opportunities to take part in high-level dialogues and talks by Singapore Ministers and other world leaders. There will also be interesting and enriching overseas programmes such as the annual Model United Nations Conference held at Harvard and Princeton universities.

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.

To me, SPOT is an opportunity to explore and broaden my horizons. Through SPOT, I get to be exposed to things that I would never get to learn about in my diploma course. The different workshops and events are also great avenues for me to make more friends from other courses and even from the other polytechnics.

JIMMY ELISHA WEE | A SPOT student in his third year taking the Diploma in Aeronautical Engineering.
FINANCIAL ASSISTANCE @ SP

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

Schemes to help pay tuition fees:
- Mendaki Tertiary Tuition Fee Subsidy
  This Scheme, funded by the Singapore Government and managed by MENDAKI, aims to support and help Malay students complete their tertiary education.
- CPF-Approved Education Scheme
  Students may apply for a loan from your own or your parent’s CPF savings to pay the tuition fees. Deadline is at the beginning of each semester.
- Tuition Fee Loan
  SP offers a government-funded interest-free education loan to Singaporeans, 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 get more information on SP courses, entry requirements, scholarships, financial schemes, careers and job vacancies from the Student Service Centre at SP.

2013 JAE ELR2B2

The 2013 JAE ELR2B2, that is, the net ELR2B2 aggregate score of the lowest ranked students who were admitted to these courses through the 2013 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>JAE ELR2B2</th>
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<td>Accountancy (DAC)</td>
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<td>Aeronautical Engineering (DAE)</td>
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<td>Aerospace Electronics (DAE)</td>
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<td>Applied Chemistry with Materials Science (DACM)</td>
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<td>Applied Chemistry with Pharmaceutical Science (DACP)</td>
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<td>Applied Drama and Psychology (DADP)</td>
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<td>Architecture (DARCH)</td>
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<td>Banking and Finance (DBKF)</td>
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<td>Biomedical Science (DBS)</td>
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<td>Computer Engineering (DCPE)</td>
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<td>Energy Systems and Management (DESM)</td>
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<td>Environmental Management and Water Technology (DEWT)</td>
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<td>Food Science and Technology (DFST)</td>
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<td>Games Design and Development (DGDD)</td>
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<td>Infocom Security Management (DISM)</td>
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<td>Information Technology (DIT)</td>
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<td>Integrated Events and Project Management (DEPM)</td>
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<td>Interior Design (DID)</td>
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<td>International Business (DBI)</td>
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<td>Landscape Architecture (DLA)</td>
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<td>Marine Engineering (DMIR)</td>
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<td>Maritime Business (DMB)</td>
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<td>Mechanical Engineering (DME)</td>
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<td>Mechatronics and Robotics (DMR)</td>
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<td>Media and Communication (DMC)</td>
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<td>Music and Audio Technology (DMAT)</td>
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<td>Nautical Studies (DNS) – offered under the Direct Admissions Exercise (DAE)</td>
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<td>Nutrition, Health and Wellness (DNHW)</td>
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<td>Visual Communication and Media Design (DVIMD)</td>
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<tr>
<td>Visual Effects and Motion Graphics (DVEMG)</td>
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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.
Creating A Sustainable Future

The School of Architecture and the Built Environment (ABE) 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 acquire a strong foundation in the professional practices of the built environment. Your experiential learning is conducted in excellent laboratory facilities and design studios.

Why ABE?

ABE trains our students to be creative and competent in making Singapore a great city to live, work and play in. Learning journeys in ABE also stretch beyond Singapore’s shores through overseas study and community trips to Italy, Japan, Switzerland and other countries in Southeast Asia to inculcate our students with a global mindset.

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

Entry Requirements

2013 ELR2E: 13  Aggregate Type: ELR2E-D

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

Creating A Sustainable Landscape Architecture (S94)

Integrated Events and Project Management (S50)

Environmental Management and Water Technology (S52)

Hotel and Leisure Facilities Management (S95)

Integrated Events and Project Management (S50)

Landscape Architecture (S94)

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So, are you ready to transform your living space and turn it into a sustainable environment?
A successful technologist or 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, providing you with training in civil engineering within the context of a business environment.

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

**Scholarships Available**
- SP Engineering Scholarship
- Scholarships Available
- SP18

**Entry Requirements**

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**CAREER OPTIONS**
- Assistant Project Manager / Assistant Structural
- Designer / Draughtsипerson
- Construction Supervisor
- Sub Contractor Supervisor
- Building Construction Safety Supervisor
- Resident Technical Officer
- 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 SMU or a related degree in two years from Australian and British universities.

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**CAREER OPTIONS**
- Assistant Environmental Engineer
- Assistant Environmental Manager
- Environment Technologist
- Assistant Environmental, Health & Safety (EHS) Manager
- Water and Wastewater Treatment Specialist
- Environmental Sustainable Design (ESD) Executive
- Marketing & Sales Executive

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

**Scholarships Available**
- ACI Scholarship
- PUB Scholarship
- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship

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**Scholarships Available**
- ACI Scholarship
- PUB Scholarship
- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship

I believe

“SP provides a platform for individuals to explore and discover their own interests. The course not only offered me an excellent learning environment but also equipped me with a variety of hands-on skills. Furthermore, the 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 career at the Massachusetts Institute of Technology.” - Cheong Mun Ngah, DCEB alumna, now pursuing a Bachelor in Civil Engineering degree under a Scholarship at the Massachusetts Institute of Technology.
Diploma in Hotel & Leisure Facilities Management (DHLMF – S9S)

The Diploma in Hotel & Leisure Facilities Management (DHLMF) course 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 in the exciting and fast expanding hotel industry or in managing multi-million dollar property investments, there’s something in this course for you! Here, you are taught to create memorable experiences, to enhance lifestyles and become a global leader with sharp skills relevant for the demands of the job. Besides the diploma, you will also be awarded the Fire Safety Manager Certificate.

Entry Requirements

2013 ELR2B: 14  Aggregate Type: ELR2B-C

Subject Grade
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  - Art / Art & Design
  - Biology
  - Chemistry
  - Design & Technology
  - Higher Art
  - Physics
  - Science (Chemistry, Biology)
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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 & Technology
  - Food & Nutrition
  - Fundamentals of Electronics
  - Physics
  - Science (Chemistry, Biology)
  - Science (Physics, Biology)
  - Science (Physics, Chemistry)

Course Highlights

- Authentic learning 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. Overseas internship to Dubai and internship on board Star Cruises
- Teaching through out-of-classroom projects and site visits
- Overseas trips to broaden your horizon (Recent trips included Switzerland, Dubai and Star Cruises)

Scholarships Available

- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship
- Wan Fook Kong Scholarship

Entry Requirements

2013 ELR2B: 14  Aggregate Type: ELR2B-C

Subject Grade
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Career Options

- Hotel Facilities Manager
- Front Office Manager
- Rooms Division Manager
- Conference Sales Executive
- Catering Sales Manager
- Operations & Logistics Manager
- Property Facilities Manager
- Contracts Manager
- Property Executive

FURTHER STUDIES

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

CAREER OPTIONS

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

FURTHER STUDIES

You can gain direct access into related degree courses in local or overseas universities. Among others, we have graduates pursuing degrees in Business, Economics, Psychology and Linguistics. The strength of your SP DEPM diploma will get you module exemptions and advanced standing in established foreign universities.

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 having the opportunity to plan and execute live events. The Diploma in Integrated Events & Project Management (DEPM) course trains you to be a professional in the rapidly growing events industry which grossed more than $3 billion in revenue in recent years. You are given authentic experiences through opportunities to plan, execute and analyse events with our various industry partners.

Course Highlights

- Authentic, experiential learning through planning and managing:
  - school events
  - industry-linked projects such as Sentosa 4D Adventure and Halloween event, "SCAPE Countdown Party and Changi Airport Max Parade
- A 22-week internship programme with overseas exposure opportunities
- Site visit and overseas trips

Scholarships Available

- Sentosa 4D AdventureLand Scholarship
- Singapore Flyer Scholarship
- ThreeS Scholarship
- BCA-Industry Scholarship / Sponsorship
- School of Architecture & the Built Environment Scholarship

Entry Requirements

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

I BELIEVE

“The DEPM course has given me such great exposure to the events industry as well as personal development as a SP student. Besides developing me well in studies, I was given a holistic education through active participation in many local and overseas programmes such as the study trip to Bradford University and an overseas community service trip in China. For my 22-week internship, I had the opportunity to plan and execute events for high-profile clients such as Citibank, H&M, Citibank, Nike and many more. The real-life experiences and on-the-job learning had shaped me into a more mature individual.” - Walter Tan, DEPM alumnus, Class of 2013, Lee Kuan Yew Award winner.

Diploma in Integrated Events & Project Management (DEPM – S50)
DIPLOMA IN LANDSCAPE ARCHITECTURE (DLA – S94)

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 involved the study of existing social, ecological, and geological conditions and processes in the environment, and the responses needed to achieve the desired landscape (indoor/ outdoor) space design.

Course Highlights
- Dynamic, project-based learning that develops investigative, analytical and open-minded thinking skills for application to landscape design
- Personalised consultations with tutors in design studios
- Three-month 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

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- Higher Art
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)
- Media Studies (Chinese) / (English)

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

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

FURTHER STUDIES
You can gain direct entry into the first or second year of architectural or landscape degree courses at local or 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 multi-million-dollar projects, and be responsible for the redevelopment of the hectares of land in overseas projects.” - Tuson Chong Fatt Kwang, DLA alumnus, Class of 2007.

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Photo 1 & 2: Graduating students showcasing their outstanding projects in public during their final semester.

Photo 3: Students get different opportunities to experience the world, such as this study trip to Switzerland.

Photo 4: Students from the School of Architecture clinched the lion’s share of scholarships offered by the Building and Construction Authority in 2013.
DIPLOMA IN ACCOUNTANCY (DAC - S25)

Selected Diploma in Accountancy students may participate in the mini APEX Programme which is specially designed to provide insights and skills development in the accounting profession. For details, visit www.sp.edu.sg and search for “DAC Course”.

If there’s one job that stays in demand regardless of economic conditions, it would have to be accounting. No business can thrive without a team of competent accounting and finance professionals.

At the Diploma in Accountancy (DAC) course, you will learn that accounting is not just about “number crunching”. It involves understanding crucial financial information and economic behaviours that enable you to envision fresh business solutions for organisations. It is also the foundation for a wide variety of roles in areas such as Taxation, Corporate Finance, and Business Development. The DAC helps you to acquire both critical and creative thinking skills; develop leadership skills and global business perspectives; and build a strong sense of social responsibility.

SP was also the first institution to train accountants in Singapore, and many of our graduates have become partners in international accounting firms, Chief Executive Officers and Directors of multinational companies. Seize the opportunity. Invest in your future in accountancy.

Why SP Business School?
SP Business School provides our students with:
- 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.

Why SP Business School?
SP Business School provides our students with:
- Firm foundations in business competencies.
- Right attributes and potential to succeed.
- Selection of choice courses.
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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.

Course Highlights
- Solid and relevant curriculum to give you a head-start in work or further studies
- Option in either Banking or Financial Trading
- Preparations for the Associate Financial Planner certification, Capital Markets and Financial Advisory Services Exam (CMFAS) and other professional / industry qualifications.
- Exclusive facilities such as the UOB Kay Hian – SP Dealng Centre, where online real-time financial information from Thomson Reuters and trading simulation software are used
- Practical training, field trips, internship programme with international banks and financial institutions, financial and business strategy competitions, job shadow and overseas study trips

Entry Requirements

2013 ELR2B2: 11 Aggregate Type: ELR2B-B

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

If you are interested in studying business, choosing Diploma in Business Administration (DBA) could be your first smart business decision. The DBA is the first and leading business course that champions entrepreneurial thinking among “O” level graduates who desire to be competent business leaders. Our course is designed to enhance your learning through real world experiences, such as our state-of-the-art retail outlet (SPELL) at Changi Airport.

Flexibility and choices are what you get with our DBA. You will have the opportunity to choose any two specialisations from a portfolio of options. Upon graduation, you will be much sought after by employers as DBA Graduates are prized to start contributing to the organization quickly.

Course Highlights
- Variety of specialisation options including Marketing Management, Finance and Accounting, International Business and Trade, Retail Management, Logistics & Supply Chain Management, Human Resource 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 design thinking pedagogy
- Exciting learning experiences through industry collaborated projects, hands-on activities, overseas immersion programme and field trips

Entry Requirements

2013 ELR2B2: 12 Aggregate Type: ELR2B-B

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
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<tr>
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<td>1 - 6</td>
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<tr>
<td>c) Any three 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:
- 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
Entry Requirements


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

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
- Art | Art & Design
- Business Studies
- Combined Humanities | Economics | Geography
- Higher Art | Higher Music
- History | Introduction to Enterprise Development
- Literature in English | Chinese | Malay | Tamil
- Media Studies (Chinese) | (English)
- Music | Principles of Accounts

CAREER OPTIONS

Promising career opportunities await you as Singapore continues its positioning as an international financial center and analytics hub. You will have versatile career options in the areas of:
- Financial Management
- Risk Management & Assessment
- Product Control & Compliance
- Analytics & Business Intelligence
- Technology & Operations
- Project Management

FURTHER STUDIES

DFI graduates can apply for degree courses in Business, Finance, Business Analytics and Information Systems. You can also pursue professional programmes in Financial Industry Competency Standards (FICS) Certification, Chartered Institute for Securities & Investment (CISI) Certification, and SAP Associate Certification.

I BELIEVE

“I believe DBF is both a home to learn in and a great unexpected family and I believe that Design Thinking is bridge to the future!”

-Valeta Teo, MND Scholar & SP Outstanding Talent.


Entry Requirements


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

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

DIPLOMA IN BUSINESS INNOVATION AND DESIGN (DBID – S34)

Design Thinking is a dynamic and exciting management approach that spurs creativity and innovation in businesses today. The Diploma in Business Innovation and Design (DBID) is the one and only diploma course offered by a polytechnic that incorporates Design Thinking into business education. DBID inculcates business students with a designer’s sensibilities and methods to understand people’s needs and to solve complex human problems facing the world today.

Unique Teaching Methodology

DBID’s unique curriculum emphasizes studio-based instruction and practice-based learning. It instills creative confidence and engenders empathic mind-set amongst students coupled with sound business fundamentals.

Students embarking on this extraordinary educational journey have access to a host of opportunities designed to inspire and challenge them, including learning projects with leading organizations, mentorship by industry leaders, special seminars and overseas study trips. With a multitude of opportunities to excel, this is definitely an exciting time for those aspiring to pursue a polytechnic education.

Course Highlights

- Integrative learning emphasising both business and design thinking
- Well-qualified, fun-loving and motivated lecturers
- Inspirational and action-learning environment
- Out-of-classroom collaborative learning
- Design Thinking boot camp
- Partnership with leading industry players to work on real life projects
- Seminars and workshops conducted by industry experts
- $15,000 scholarship from the Ministry of National Development (MNID)

CAREER OPTIONS

Promising career opportunities await you as Singapore continues its positioning as an international financial center and analytics hub. You will have versatile career options in the areas of:
- Financial Management
- Risk Management & Assessment
- Product Control & Compliance
- Analytics & Business Intelligence
- Technology & Operations
- Project Management

FURTHER STUDIES

DFI graduates can apply for degree courses in Business, Finance, Business Analytics and Information Systems. You can also pursue professional programmes in Financial Industry Competency Standards (FICS) Certification, Chartered Institute for Securities & Investment (CISI) Certification, and SAP Associate Certification.

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DIPLOMA IN FINANCIAL INFORMATICS (DFI-S46)

The Diploma in Financial Informatics (DFI) is a distinctive course that equips you with multidisciplinary skills. You will gain a solid foundation in Finance, and concurrently be trained in skills to leverage on Business Intelligence and Analytics tools and techniques to gain insights into data. This dual competency will be your competitive edge, and your versatility will be highly sought after by a wide spectrum of sectors, especially in the highly competitive financial sector.

DFI embraces change and needs in today’s workplace due to the exponential growth of information, the technological advancement and the increased globalised nature of financial services. It offers a curriculum that builds upon a cross-disciplinary approach to develop versatile skill sets and problem solving ability to manage knowledge activities and generate business insights, with the objectives to enhance operational efficiency, improve financial performance and drive business value propositions.

The curriculum brings together the financial and digital age knowledge and skills, critical thinking and problem solving capabilities that you will need to succeed in today’s work and life. You will also be energised by the engaging learning environment that make learning fun and relevant.

Course Highlights

- Plenty of hands-on practicum to build market-based competencies e.g. financial analysis practicum on Bloomberg, direct exposure to SAP BusinessOne Solution
- Enterprise Risk Management and Assessment skills
- Through-train Polytechnic course to Degree course

FURTHER STUDIES

DFI graduates can apply for degree courses in Business, Finance, Business Analytics and Information Systems. You can also pursue professional programmes in Financial Industry Competency Standards (FICS) Certification, Chartered Institute for Securities & Investment (CISI) Certification, and SAP Associate Certification.

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“DBF is a place where I am always learning about new things and where I am able to express myself creatively and emotionally. Furthermore, I’m constantly surrounded by talented friends who surprise and inspire me. All in all, DBF makes me better every day.”

-Gene Png, DBF Student Chapter Vice President.

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Entry Requirements


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

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
- Art | Art & Design
- Business Studies
- Combined Humanities | Economics | Geography
- Higher Art | Higher Music
- History | Introduction to Enterprise Development
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CAREER OPTIONS

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DIPLOMA IN BUSINESS INNOVATION AND DESIGN (DBID – S34)

Entry Requirements


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

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

DIPLOMA IN FINANCIAL INFORMATICS (DFI-S46)

The Diploma in Financial Informatics (DFI) is a distinctive course that equips you with multidisciplinary skills. You will gain a solid foundation in Finance, and concurrently be trained in skills to leverage on Business Intelligence and Analytics tools and techniques to gain insights into data. This dual competency will be your competitive edge, and your versatility will be highly sought after by a wide spectrum of sectors, especially in the highly competitive financial sector.

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The curriculum brings together the financial and digital age knowledge and skills, critical thinking and problem solving capabilities that you will need to succeed in today’s work and life. You will also be energised by the engaging learning environment that make learning fun and relevant.

Course Highlights

- Plenty of hands-on practicum to build market-based competencies e.g. financial analysis practicum on Bloomberg, direct exposure to SAP BusinessOne Solution
- Enterprise Risk Management and Assessment skills
- Through-train Polytechnic course to Degree course

FURTHER STUDIES

DFI graduates can apply for degree courses in Business, Finance, Business Analytics and Information Systems. You can also pursue professional programmes in Financial Industry Competency Standards (FICS) Certification, Chartered Institute for Securities & Investment (CISI) Certification, and SAP Associate Certification.

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-Gene Png, DBF Student Chapter Vice President.
DIPLOMA IN  
HUMAN RESOURCE MANAGEMENT WITH
PSYCHOLOGY  
(DHRMP - S48)

We Nurture PEOPLE who Develop People. 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.

Course Highlights
- 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 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.

CAREER OPTIONS
- Recruitment & Selection
- Employee & Industrial Relations
- Compensation & Benefits
- Training & Development
- Talent Management
- Resource Information System

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 was certainly very impressed with the calibre of the DHRMP students and their achievements which speak volumes of the educational excellence within Singapore Polytechnic and its staff. The Diploma is an excellent way to kick off a career in Human Resources as it provides a strong grounding in the industry. In my experience, Human Resources offer an exciting career path and can lead to a diverse range of job opportunities around the world.” - Mr Chris Mead, Regional Director South East Asia, Hays Singapore.

DIPLOMA IN  
INTERNATIONAL BUSINESS  
(DIB – S36)

The Diploma in International Business (DIB) 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.

Course Highlights
- Innovative integrated curriculum that provides you valuable insights into how business organisations operate and strategise in the international arena
- A powerful blend of Business Intelligence, Cultural Intelligence and People Intelligence
- Unique learning space called iBall (International Business Active Learning Lab) to enhance your learning experience
- Cultural appreciation programmes in China and Indonesia where you will learn about the business practices of emerging economies
- The Tri City Study Mission, a specially designed 15-week overseas immersion programme, provides you first-hand experience of living and studying in three cities in Asia

Entry Requirements

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

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
- Art / Art & Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese) / (English)
- Music
- Principles of Accounts

FURTHER STUDIES
You can pursue further education at top 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 to excel in your studies in these universities.

I BELIEVE
"As university professors, the question I ask myself about programmes I evaluate is "Would I want my kids to enrol in this programme?" If my children wanted 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, thanks to the fully transformed tourism landscape in Singapore and its neighboring countries. The exciting efforts to enhance the destination attractiveness of the city range from the gigantic integrated resorts up to the artsy Marina Bay, the old glamour of Chinatown, Kampong Glam and Little India and the luxurious Orchard road. The list goes on... All these result in the need to attract and retain talents - young and eager graduates who enjoy people and service. The Diploma in Tourism and Resort Management (DTRM) provides a winning combination of training in tourism and resort management skills, business acumen and Emotional Intelligence (EI) concepts infused into the DTRM curriculum. Think knowing yourself, understanding your feelings and others and then how you can make all those work to succeed in school and in life. DTRM helps prepare students for roles in the tourism industry and beyond. The tourism industry has long been an industry with tremendous success for long-term career pathways.

Course Highlights

- Studying sea cruise management on board a passenger ship in your first year and introduction to Emotional Intelligence (EI)
- Learning in an overseas hotel on an Experiential Learning Trip and specialized modules infused with EI during your second year
- A 24-week work-based learning experiences with an internship programme in various tourism and hospitality related companies in your third year
- Opportunities for overseas internship programmes such as the Disney Summer Internship Programme and Jyvaskyla University of Applied Science (Finland) Internship cum Exchange Programme and Dusit Thani Laguna Phuket Programme in Thailand
- DTRM scholarships offered by industry partners such as RC Hotels, RWS, Chan Brothers Travel and Marina Bay Sands
- Leads to advanced placement in universities through articulation agreements with both local and international universities

Entry Requirements

2013 ELR2B: 12  Aggregate Type: ELR2B: B

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

CAREER OPTIONS

- Integrated Resorts
- National Tourism Organisations
- Travel Agencies
- Tourist Attractions
- Hotels
- Airlines
- Spas
- Theme Parks
- Meetings, Incentives, Conventions & Exhibitions (MICE) companies
- Cruise Lines
- Service-related companies i.e. Call Centres, Customer Service, Retail

FURTHER STUDIES

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

I BELIEVE

"There is always a lack in the 'glamorous' notion whenever people hear about the reservations department; all because we handle the backroom operations. However, I take pride in what my team does because we have an important role to play, which is to ensure primarily that the clients are booked on what they paid for. Our job is to ensure that every information relayed to us is promptly and duly informed to all the relevant parties so that the clients will have a fuss free holiday right from the beginning." - Mabel Cheang, Class of 2015, Central Reservations Manager, The Travel Corp.

From China to Europe to Middle East and the United States. SP Business School students are globetrotters who leave their marks in the world via various overseas programmes. Photos here show the Diploma in Financial Informatics students in California, USA, where they visited business start-ups in Silicon Valley and also the Google headquarters.
SCIENCE FOR BETTER LIVING

The chemical and life science industry has been 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 compromising a wide range of 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 in world-class universities such as Harvard, Yale, Imperial College and Massachusetts Institute of Technology.

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, 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 benefitted from being exposed to numerous industry-related projects during their studies.

DIPLOMA IN APPLIED CHEMISTRY WITH MATERIALS SCIENCE

(DACM – S37)

The Diploma in Applied Chemistry with Materials Science (DACM) is the first diploma in Singapore to focus on building a strong foundation in chemistry with emphasis in materials science. You will learn to apply chemistry into materials to develop advanced and innovative products and technologies, like biomaterials, nanomaterials, green materials and polymeric materials to improve our living standards.

Course Highlights

✓ 1st diploma course in Singapore to combine applied chemistry with materials science
✓ Work with state-of-the-art equipment in well-designed laboratories: Materials Characterisation, Materials Chemistry, Materials Science, Polymer Processing
✓ 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
✓ Opportunity to join research immersion programmes with local universities

Entry Requirements

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<tr>
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<tr>
<td>★ Design &amp; Technology</td>
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<td>★ Physics</td>
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<td>★ Science (Chemistry, Biology)</td>
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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/clsls
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.

Course Highlights

- 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
- Upon graduation, you will be ready to contribute to the chemical and pharmaceutical industry or further your studies in tertiary institutions
- 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.
- The DACP provides the learning environment for you to conduct research on, test and synthesise new chemicals and drugs.
- You can gain direct entry into the second or third year of degree programmes in local and overseas universities.

Entry Requirements

2013 ELR2B2: 12

Subject | Grade
--- | ---
Eng Language | 7 - 6
Maths (Elementary/Additional) | 7 - 6
One of the following 3 relevant subjects | 7 - 6
Chemistry
Science (Chemistry, Biology)
Science (Physics, Chemistry)

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. Students are equipped with a strong foundation in chemistry and a good appreciation of its applications particularly in the pharmaceutical field, which better prepares them for university education.” - Assoc Prof Yao Shao Qin, Deputy Head, Department of Chemistry, National University of Singapore.

CAREER OPTIONS

- Analyst
- Chemist
- Research Assistant
- Assistant Engineer
- Chemical Technologist
- Production Chemist
- Quality Control/Quality Assurance Personnel
- Regulatory & Compliance Officer
- Environmental, Safety & Health Officer
- Forensic Science

Further Studies

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CAREER OPTIONS

- Analyst
- Chemist
- Research Assistant
- Assistant Engineer
- Chemical Technologist
- Production Chemist
- Quality Control/Quality Assurance Personnel
- Regulatory & Compliance Officer
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An inquiry-focus curriculum for bio-enthusiasts who love to learn through self-discovery, the diploma equips students with current and relevant skills for application in field of pharmaceutical industries.

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

Course Highlights
- Hands-on training in specialised laboratories on campus and through internships and research projects
- Work with prominent scientists and researchers during internships in local and overseas universities and top-ranked research institutions
- Internships at top-ranked overseas universities
- Opportunity to gain an additional Certificate in Bionerk Management
- A career in the biologics, bio-pharmaceutical, commerce, food or teaching industries or as biosafety coordinators

Entry Requirements
2013 ELR2B2: 10 Aggregate Type: ELR2B2-C
Subjects
- English Language
- Mathematics (Elementary/Additional)
- One of the following 3rd relevant subjects:
  - Biology
  - Chemistry
  - Science (Chemistry, Biology)
  - Science (Physics, Biology)
  - Science (Physics, Chemistry)
- Applicants must not suffer from colour appreciation deficiency.

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

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
“My three years of study at SP Biotechnology has equipped me well with knowledge and hands-on skills to develop and pursue my passion in scientific research in the life sciences. The established SP Biotechnology alumni network has also provided me with numerous opportunities to work alongside people in the exciting and dynamic frontiers of research.”
- Tan Tze Kai, Class 2013, A*STAR Overseas National Science 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 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!

Course Highlights
- First diploma programme in Singapore to be fully accredited by the Institution of Chemical Engineers, IChemE, United Kingdom. The full IChemE accreditation signifies worldwide recognition by universities and industries of the rigour and quality of our programme

Entry Requirements
Subjects
- English Language
- Mathematics (Elementary/Additional)
- One of the following 3rd relevant subjects:
  - Biology
  - Chemistry
  - Design & Technology
  - Physics
  - Science (Chemistry, Biology)
  - Science (Physics, Biology)
  - Science (Physics, Chemistry)
- Applicants must not suffer from colour appreciation deficiency.

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 Nanyang University (NUS), United Kingdom and the Singapore Institute of Technology.

I BELIEVE
“DCHE@SP has equipped me with the fundamental knowledge that prepared me to be a technically competent engineer. I had numerous out-of-classroom opportunities varying from an internship attachment in Newcastle University (UK) to a community-based project in Cambodia, which in turn led to an international competition held in Munich, Germany, by Institution of Chemical Engineers. The past three years in SP was truly an exciting and fruitful journey for me.”
- Ng Pey Ling, Gold Medallist from the Class of 2013 now pursuing a Chemical Engineering degree programme in Cambridge University.
Be a part of the team that designs food to excite the taste and imagination through food science and technology. Come join the ranks of food scientists and technologists to launch innovative new products to meet the needs of today’s ever curious and adventurous consumers!

Through Design Thinking, innovative teaching and industry-linked projects, you will discover the world of food – from raw materials to ingredients, processes and packaging to finished consumer products. As a food scientist or technologist, you can play an important role in making our foods more appealing yet healthier and safer!

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

This course 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.

**CAREER OPTIONS**
- Nutrition, Health and Wellness Technologist
- Assistant Nutritionist
- Health Promoter
- Lifestyle Coach
- Wellness Coordinator
- Public Health Coordinator
- Healthy Lifestyle Promotion Coordinator
- Marketing and Sales Executive

**FURTHER STUDIES**
You can pursue further education at local or 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 year of degree programmes in Australian and British universities.

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**Entry Requirements**

<table>
<thead>
<tr>
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**Diploma in Food Science and Technology**
(DFST – S47)

**Course Highlights**
- **Business design infused with Technology Experience**
  B.I.T.E. in commercial projects.
- Choosing your DFST path through internship or through actual experience by taking a B.I.T.E.
- In Year 1, you develop processes and design food packaging that reduce food waste and achieve sustainability of future food products. You can do this by choosing your DFST path through internship or through actual experience by taking a B.I.T.E. in commercial projects.
- With so many choices, what’s holding you back from choosing DFST?
  *Business design infused with Technology Experience*

**Course Highlights**
- Well-equipped facilities such as the Food Creation Lab, 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, XD Kaya, Yamie Rice, Rainbow Rice and the Love Letter Latte coffee blend

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

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**Diploma in Nutrition, Health and Wellness**
(DNHW – S44)

**Course Highlights**
- Advanced facilities such as the Nutrition, Health and Wellness Centre, which houses the physical fitness and exercise physiology laboratories, food science, health food preparation and demonstration laboratories
- Participate in health and wellness outreach programmes
- A 15-week local or overseas internship programme

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**Entry Requirements**

| 2013 ELR2B: 13 Aggregate Type: ELR2B: C |

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**CAREER OPTIONS**
- Nutrition, Health and Wellness Technologist
- Assistant Nutritionist
- Health Promoter
- Lifestyle Coach
- Wellness Coordinator
- Public Health Coordinator
- Healthy Lifestyle Promotion Coordinator
- Marketing and Sales Executive

---

**Further Studies**
You can pursue further education at local or 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 year of degree programmes in Australian and British universities.

---

**I BELIEVE**

"While taking DFST in SP, I acquired a strong foundation in both food science and food technology. The course covers a comprehensive range of modules with a multi-faceted approach to modern food technology which furthered my interest in this realm of study. Being a practical course, it has imbued me with good hands-on skills through lab sessions in the well-equipped facilities including food analysis, product innovation, pilot plant and packaging labs. The final-year project allowed me to integrate the theories and skills learnt to culminate in the creation of an innovative, healthier food product. Another important facet of the course is the Industrial Training Programme (ITP) which gave me the opportunity to experience working in the food industry and inspired me to a career in food research." — Li Mo, Class of 2008 who recently graduated from Massey University’s (New Zealand) Bachelor in Food Technology with 1st class Honours and currently pursuing a doctorate degree at Massey University, NZ.
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.

Course Highlights
- First tertiary institution in Singapore since 1994 to offer this course
- Our students start working with patients in the first year and continue with greater responsibilities in the subsequent years
- Excellent clinical and laboratory facilities and SP Optometry Centre provides you with hands-on experience using state-of-the-art precision instruments and equipment
- Register as a qualified optometrist with the Optometrists and Opticians Board when you graduate

Entry Requirements
- 2013 ELR2B2: 13
- Aggregate Type: ELR2B2-C
- Subject: Grade
  - English Language: 1 - 7
  - Mathematics (Elementary/Additional): 1 - 6
  - One of the following 3rd relevant subjects: 1 - 6

CAREER OPTIONS
- Optometrist
- Research & Development Optometrist
- Lens Consultant
- Professional Affairs Executive
- Marketing & Customer Development Executive

FURTHER STUDIES
With this SP diploma, you may be granted credit exemptions for some degree programmes.

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.

Course Highlights
- 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
- 2013 ELR2B2: 12
- Aggregate Type: ELR2B2-C
- Subject: Grade
  - English Language: 1 - 7
  - Mathematics (Elementary/Additional): 1 - 6
  - One of the following 3rd relevant subjects: 1 - 6

Scholarships Available
- Singapore Society of Cosmetic Scientists Merit Award
- Nuance Watson Award

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

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

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

I BELIEVE
Being in the pioneer batch of DPCS students was one of the best choices I've made thus far. The unique curriculum was thoroughly planned out and not only gave us theoretical lessons but also valuable insights into the fragrance and formulations industries. I wholly enjoyed both my internships in Oxford and Sillage Chemicals (perfumer) from which I learnt many things but also valuable insights to the fragrance and formulation industries. I wholly enjoyed both my internships in Oxford and Silage Chemicals (perfumer) from which I learnt many things and was also introduced to many wonderful friends. These three years have been an amazing experience and I’m looking forward to the future opportunities this diploma has to offer. – Alethea Joy Han Hui En, Gold Medallist from the Class of 2013 currently pursuing her Chemistry degree programme in University of Edinburgh, UK.
DIPLOMA IN APPLIED DRAMA AND PSYCHOLOGY (DADP – S43)

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

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

At 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 marginalized communities.

Course Highlights
WITH THIS COURSE, YOU WILL:

- Draw on the expertise of leading dramatists through our Artist-in-Residence scheme and master classes
- Embark on exciting overseas immersion programmes and learn from international theatre practitioners
- 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, government agencies and community development organisations
- Bring different stories to life in The Black Box, our theatre 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.

Entry Requirements

2013 ELR2B: 13  Aggregate 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

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
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 honours your ability to find, shape and realise your stories, fine-tuning them into polished messages for print, radio, television and interactive 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.

Course Highlights
With this course, you will:
- Be inspired. Find your muse in The Writers’ Room, our unique space for dreaming and writing. Through our master classes, network with seasoned journalists, scriptwriters, filmmakers, animators, comic strip artists and other media professionals from Singapore and around the world
- Leave the classroom! Record your news drama, sitcom, reality show or documentary in a studio setting or outdoors. Travel overseas to film a documentary as an assignment. Get a taste of film-making through our master classes, networking sessions and year-long mentorship programme with one of the world’s largest brand communication agency on campus. Produce radio and television programmes as well as print, online and video materials using state-of-the-art technology.
- Get business savvy through our training in media entrepreneurship. Pitch your programmes to industry experts and, if selected, watch them come alive on TV

Entry Requirements
2013 ELR2B2: 12 Aggregate Type: ELR2B2-A
Subject Grade
a) English Language 1 - 4
b) Mathematics (Elementary/Additional) 1 - 7
c) Any three other subjects 1 - 6

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
- Art / Art Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese) / (English)
- Music

DIPLOMA IN CREATIVE WRITING FOR TV AND NEW MEDIA (DTVM – S41)

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

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.” – DTVM alumnus Wendy Wong, Media Development Authority Scholarship recipient, now pursuing her degree programme in the Faculty of Arts and Social Sciences, National University of Singapore.

Creating Stories That Connect
The revamped Diploma in Media and Communication will let you use print, broadcast and digital media to their best effect: in branding and advertising, events management, journalism, media research, new media marketing, public relations, as well as video and audio production.

You’ll find yourself in The Agency, an authentic space where you can expect mentorship by world-renowned communication legends such as Mr Ian Batey, who was behind branding icons such as the Raffles Hotel and Singapore Airlines.

Your aim: to create holistic and consistent 360 degree communication campaigns. Your method: communication strategies based on a useful knowledge of psychology. At DMC, authentic learning means you learn by doing: designing real campaigns for global brands. You will also get to apply Singapore Polytechnic’s unique Business Design methodology to projects.

Course Highlights
With this course, you will:
- Learn from the best in the media and communication industry through our master classes, networking sessions and year-long mentorship programme with one of the world’s largest brand communication agency on campus. Produce radio and television programmes as well as print, online and video materials using state-of-the-art technology.
- Nurture your talents and aspirations in SPACE, an out-of-classroom incubator that comprises a campus radio station, a writing club, a design house, and a media research arm.

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

Entry Requirements
2013 ELR2B2: 13 Aggregate Type: ELR2B2-A
Subject Grade
a) English Language 1 - 4
b) Mathematics (Elementary/Additional) 1 - 7
c) Any three other subjects 1 - 6

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
- Art / Art Design
- Business Studies
- Combined Humanities
- Economics
- Geography
- Higher Art
- Higher Music
- History
- Introduction to Enterprise Development
- Literature in English / Chinese / Malay / Tamil
- Media Studies (Chinese) / (English)
- Music

DIPLOMA IN MEDIA AND COMMUNICATION (DMC – S86)

FURTHER STUDIES
You may pursue a degree in mass communication, new media communication, business, arts and social sciences and other related courses.

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. Eventually I chose advertising – it started as a passion for me and now it’s my life-long passion.” – 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.
SP Design School

- Experience and 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 your inner artist, 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.

Why Design School?
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 artsy, 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:
SP Design School
Tel: (65) 6772-1718  Fax: (65) 6775-1581  Email: id@sp.edu.sg  www.sp.edu.sg/schools/sd

Diploma in EXPERIENCE AND PRODUCT DESIGN (DXPD – S51)

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.

Course Highlights
- DXPD partners with various renowned companies and organisations on design projects, developing novel, innovative and relevant experiences. Companies and organisations would include: DIES Bank, OCBC, P&G, DEL MONTÉ, SYMNTEC, HEWLETT PACKARD, URA, NEA, etc.
- International opportunities to exhibit your work in venues such as the prestigious Salone Satellite in Milan and Maison & Objet, Paris. Beyond that, students’ works gain exposure at prominent local design fairs as well.
- Students get the opportunity to work on projects involving immersive overseas experiences. Students travel to another country for several weeks to understand and immerse themselves in new cultures.
- Enriching curriculum that includes workshops and guest lectures by international designers as well as design specialists.

Entry Requirements


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

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
- Media Studies (Chinese) / English
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

CAREER OPTIONS
- CAD Designer
- Design Consultant
- Exhibition Designer
- Experience Designer
- Furniture Designer
- Industrial Designer
- Interactive Media Designer
- Merchandise Display Artist
- Production Designer
- Stage Set Designer
- User Experience Designer
- User Interface Designer

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

I BELIEVE
“My overseas trip to China (Dalian Immersion Programme) and Italy (part of the exhibition team to Salone Satellite, Milan) have exposed me to the international design industry. The past 3 years have been very intense and at the same time fruitful in my design education. My lecturers have been instrumental in my learning and growth. Now, I look forward to my new design education journey in NUS (Industrial Design Programme)” - Mabel Low, DXPD alumna, Class of 2012.
Course Highlights
- Exciting collaborations with industry partners, including game studios, research labs
- Learn to design and develop games on new game platforms such as iPad, Android tablets and motion-based input devices

Entry Requirements
2013 ELR2B2: 16
Aggregat Type: ELR2B2-D

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- Art / Art Design & Biology & Chemistry & Computer Studies
- 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)

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

FURTHER STUDIES
You can gain direct entry to related degree programmes at local and overseas universities.

I BELIEVE
“The SP intern repeatedly demonstrated the ability to adapt very well with enthusiastic and curious moods while coping with creative demands of our projects. This gave us the confidence to accept new intakes knowing that they will be able to produce excellent work with our teams.” – Associate Professor Henry Duh, Principle Investigator, Interactive and Digital Media Institute, Department of Electrical & Computer Engineering, National University of Singapore.

DIPLOMA IN GAMES DESIGN AND DEVELOPMENT (DGDD – S56)

Playing games is fun. Making games is fulfilling. Do you want to create games that can give people fun, engaging experiences? From idea to concept to game design planning to game demo development, the game development process is challenging but very rewarding. Get closer to making your own original game in the Diploma in Games Design and Development (DGDD). This course will groom you to become a well-rounded entrepreneurial Game Designer, Level Designer, a 2D & 3D Game Artist or a Gameplay Programmer who can design and develop a game idea from conceptualisation to project proposal, from prototyping to production.

Course Highlights
- Studio environment which provides realistic team-based games development project experience
- Wide range of professional software and hardware support the learning process, and the development of game projects
- Track record of successful game projects, including published games, games for research, games for learning, and game installation projects

As an Interior Designer, you have the ability and power to craft and transform the experiences of everyday living. At the Diploma of Interior Design (DID), you will be equipped with skills to go beyond mere interior decoration. You will learn and engage in design research to develop your ideas and create interior spaces that are functional and purposeful. You will be taught how to combine design aesthetics with technical knowledge, and develop techniques to best communicate your ideas. Interior Design students are also exposed to Specialisation workshops and Studio projects. This introduces them to various research and experimentation processes, helping them assemble a Design Portfolio that has gained recognition by employers in the design industry, as well as local and overseas Universities.

Course Highlights
- Experience a paradigm shift in your understanding of interior design when you learn to question and redefine what the spatial enclosure can be
- Dynamic, project-based curriculum that trains you to a broad range of thinking, designing and crafting skills
- Learn to develop a strong research grounding to push the limits of your design ideas
- Gain a broad exposure to international design trends by participating in internationally run workshops such as the Visiting School by Architectural Association, London
- Take part in global design studios, international competitions and “live” industry projects and gain valuable experience as an interior design student
- Join the global situated programme with overseas design institutions like Pratt Institute, New York and SAIC, Chicago, and expand your learning journey through regional study trips to Japan, Korea, India and Thailand

Entry Requirements
2013 ELR2B2: 17
Aggregat Type: ELR2B2-D

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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
- Media Studies (Chinese/English) & Physics
- Science (Chemistry, Biology) & Science (Physics, Biology)
- Science (Physics, Chemistry)

CAREER OPTIONS
- Architectural Assistant & Design Executive for Sales
- Digital Animator & Exhibition Designer & Furniture Designer
- Interior Designer & Perspective Assistant & Project Manager for Interior Works & Spatial Planner & Stage-set Designer
- Visual Merchandiser

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

I BELIEVE
“The Diploma in Interior Design opened my senses to different paths that I might be able to venture into upon graduation. Be it graphic, architectural or industrial design, we were able to gain substantial theoretical and practical knowledge beneficial to the workforce. Though I had no design background such as Art or D&T, I was able to learn quickly and grasp well in this course. Through this course, you will also be able to notice your spatial surroundings, where the wall, floor or door does not simply form a cold space, but one that gives meaning and evokes emotion, invoking thoughts as well.”
- Joan Chua, DID alumna, Class of 2013.
If you are intrigued by graphic design and advertising that engage your senses, and passionate about experimenting with emerging media — you are the fearless one we want. You will be immersed in a dynamic environment — from a rigorous curriculum to exploratory projects, authentic industry exposure and exciting collaborations, here and abroad. Have opportunities to gain recognition by showcasing your works through exhibitions and publications, get mentored to win competitions, and seek challenges beyond the classroom with like-minded peers.

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.

Course Highlights

- Integrated curriculum which provides a firm grounding in design fundamentals and formal skills needed to think critically and solve problems creatively.
- You will be immersed in a dynamic environment — from a rigorous curriculum to exploratory projects, authentic industry exposure and exciting collaborations, here and abroad.
- Insights into professional practice through engagements of renowned practitioners and guest speakers in the industry, through life projects and through industrial training programme in creative industry.
- Have opportunities to gain recognition by showcasing your works through exhibitions and publications, get mentored to win competitions, and seek challenges beyond the classroom with like-minded peers.
- A student-run integrated design agency called The Student Agency, and a design facility, Wednesday Shockwave Cannon, which provide opportunities for students to work on live projects.
- New, purpose-built learning spaces in the New Design School Building, with “home-based” Design Studios, workshops and photography studio that are practice-oriented teaching environments with multimedia facilities.
- Have the opportunity to gain recognition by showcasing your work through exhibitions and publications, get mentored to win competitions, and seek challenges beyond the classroom with like-minded peers.
- A student-run integrated design agency called The Student Agency, and a design facility, Wednesday Shockwave Cannon, which provide opportunities for students to work on live projects.
- New, purpose-built learning spaces in the New Design School Building, with “home-based” Design Studios, workshops and photography studio that are practice-oriented teaching environments with multimedia facilities.

Entry Requirements

2013 ELR2B2: 15
Aggregate Type: ELR2B2

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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
- Media Studies (Chinese) / (English)
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

I BELIEVE

“I think that the Diploma in Visual Communication and Media Design is an exceptionally good course. The organisation and attention to detail in the delivery is very strong. The course prepares students extremely well for entry to the design industry for further education in design. The number of live briefs, the internship period and the entrepreneurship module all provide a excellent preparation for work. Students are graduating with very good levels of skills in the appropriate areas. This is especially true in the areas of brand development and advertising. Students are well prepared for the local design industry.” — Mr David Phillips, Senior Lecturer in BA (Hons) Graphic and Media Design, London College of Communication, University of the Arts London, DVMD External Examiner.

Career Options

- Art Director
- Brand Designer
- Copywriter
- Editorial Designer
- Illustrator
- Interactive Designer
- Packaging Designer
- Photographer

Further Studies

You can gain direct entry into the first or second year of related degree programmes at local and overseas universities.
A successful business engages four key areas to influence consumer behaviour in their favour — having a SOCIAL MEDIA presence, making use of MOBILE APPLICATION technology, utilising BUSINESS ANALYTICS tools to analyse market trends and possessing an ENTREPRENEURSHIP spirit.

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

Course Highlights

- Four Integrated Approaches to Creating Business Success
  - Social Media
  - Business Analytics
  - Web and Mobile Applications
  - Entrepreneurship
  - Social Media Listening Centre
  - Listen, analyse, strategise and influence business trends at our new Social Media Listening Centre.

Scholarships Available

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

DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY (DBIT – S82)

Entry Requirements


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- Business
- Chemistry
- Computer Studies
- Computer
- Design & Technology
- Food & Nutrition
- Fundamentals of Electronics
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)

Why DMIT?

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.

DREAMS

SP TAN SHI HUI

Class of 2013 Diploma in Business Information Technology

Now pursuing her degree in University College London under the National Infocomm Scholarship.

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 DIGITAL ANIMATION (DDA – S35)

Chill, relax and work in a personal workspace that you will design on your own - some place that you can call home. Bring fantasy to reality in our M.A.D Studios - a space and place where dreams come alive through animation.

Let the Diploma in Digital Animation (DDA) take you to places where one can only go in their wildest imagination. Make a world so surreal that people will want to remain in it forever!

Course Highlights

- **Personalised Workspace**
  - Our M.A.D. (Media, Arts & Design) Studios is a fully-equipped production studio that not only offers you a personalised workspace, but also a place where you can bounce ideas off peers and lecturers.
  - M.A.D. emulates the real-life workspace, giving you the creative environment to let your ideas run wild.

- **Mentorship with Industry Gurus**
  - Our unique mentorship programme links you with industry gurus from Lucartfilm, Blue Sky Studios, Ubisoft and Infinite Studios. Learn from the people who make things happen!

- **Industry-Focused Education**
  - Our curriculum and teaching methods are designed to help you meet the rigours of the animation industry.
  - Our M.A.D. emulates the real-life workspace, giving you the creative environment to let your ideas run wild.

- **Internship**
  - Gain a foothold in the industry through our internship programme that is offered to all DDA students.

Scholarships Available

- Singapore Polytechnic (SP) Music and Arts Scholarship
- Singapore Polytechnic (SP) Scholarship

FURTHER STUDIES

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

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

I BELIEVE “I have learned a lot from this course, from concept art to compositing. It really helps me in getting into the industry that I want.” - Grace Ko, Lighting Artist of Sparky Studios and a team member of "I Said", a final year project.

DIPLOMA IN INFOCOMM SECURITY MANAGEMENT (DISM – S54)

Anonymous hackers are attempting to infiltrate a computer system containing classified information. You need to stop them from carrying out their malicious attacks. At our Cyber Wargame Centre, we create such realistic scenarios to gear you for the REAL threat.

As technology begins to dominate our world, the need to guard against cyber threats is more critical than ever before.

Course Highlights

- **Scenario-based Learning Environment**
  - The Cyber Wargame Centre provides you with a realistic scenario-based learning environment - build cyber defences, launch cyber attacks and delve into the world of forensics investigation.

- **NUS-Poly Preparatory Programme**
  - Gain discretionary admission to the Bachelor of Computing course in NUS on successful completion of the NUS-Poly Preparatory Programme.

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

Scholarships Available

- InfoComm Development Authority of Singapore (IDA) Integrated InfoComm Scholarship (ISS)
- SAS Scholarship
- Singapore Polytechnic (SP) Scholarship

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 “The comprehensive and flexible curriculum, industrial exposure and certifications, real-life practices and competitions are the core benefits of studying in DISM. For those genuinely passionate about an InfoComm Security career, DISM is definitely the path one would not regret taking.” - Yang Xudong, Class of 2013, recipient of the IDA Gold Medal and ISAAC Award.
Entry Requirements


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

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

Scholarships Available

- IDA ELITE Scholarship
- Infocomm Development Authority of Singapore (IDA) Integrated Infocomm Scholarship (IIIS)
- Singapore Polytechnic (SP) Scholarship
- Singapore Polytechnic (SP) Music Arts Scholarship
- Soundfarm Scholarship

SAMK

CAREER OPTIONS

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

FURTHER STUDIES

DiploTech offers courses leading to the Diploma in Information Technology to allow you to study locally or abroad at a number of institutions.

I BELIEVE

Flexibility is a strong value. Students are encouraged to work on what they are passionate about. This greatly motivates students to excel and learn beyond the industry relevant skills taught in academic modules.

Entry Requirements


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

NOTE: To be eligible for admission, you must also have sat for one of the following subjects:
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- Science (Physics, Chemistry)

Scholarships Available

- Arts and Media Promote/Manager
- Live Sound Engineer
- Many career opportunities with record labels, music production companies, music education and organisations, such as Yamaha, Ableton, Steinberg, and Native Instruments.
- Many opportunities to work with our team of highly experienced lecturers on real-life music productions.
- Graduates of DMAT have been awarded local and overseas scholarships, and have studied in universities such as the National University of Singapore, Griffith University, Queensland University, Keele University, Lancaster University, Berklee College of Music, Full Sail University and California Institute of the Arts.

FURTHER STUDIES

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

I BELIEVE

DMAT is a great course. Its curriculum contains a balanced mixture of music and audio 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.

Since the Integrated Infocomm Scholarship (IIS) was introduced by the Infocomm Authority of Singapore (IDA), SP students from various I.T. related courses, mostly from the School of Digital Media and Infocomm Technology, have been getting the lion’s share. This year, 24 of the 40 scholarships went to SP students. This scholarship prepares them in their infocomm studies at both the poly and university level.

Course Highlights
- Personal Workspace
  Design your workspace the way you want it to bring out the creative spark in you
- Personal High-End Workstation and Industry Standard Software
  Unleash the power of your personal high-end workstation to make your imagination come true. All workstations come with industry standard software such as Nuke and Maya
- Real-life Projects
  Gain invaluable industrial experience through real-life projects such as Music Matters Live and Sentosa 4D Magix

Scholarships Available
- Public Service Commission (PSC) Scholarship
- Singapore Polytechnic (SP) Music and Arts Scholarship
- Singapore Polytechnic (SP) Scholarship

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- Fundamentals of Electronics
- Higher Art
- Media Studies (Chinese) / (English)
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)

I BELIEVE
“These videos document the art-making process of each artist in the President’s Young Talents exhibition, from artwork conceptualisation right up to the actual exhibition. The videos were produced by your two students from Singapore Polytechnic’s (SP) School of Digital Media and Infocomm Technology, in partnership with the Singapore Art Museum.” - President Young Talents Award 2013
DIPLOMA IN AERONAUTICAL ENGINEERING
(DARE – S88)

Students challenge themselves in this optional curriculum that will enable them to accomplish various missions in the development of multi-disciplinary innovation projects on flying machines.

For more details, visit the course page on www.sp.edu.sg.

SP is the first polytechnic to offer an aeronautical engineering diploma course which is the most sought after engineering course since its launch in 2002. The Diploma in Aeronautical Engineering (DARE) provides a solid grounding in mechanical engineering followed by specialisations in aircraft-related modules. Our premier status in education has forged study bonds with prestigious aerospace organisations, including the Republic of Singapore Air Force, Singapore Airlines Engineering Company, Singapore Technologies Aerospace and Pratt & Whitney.

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.

Why Engineering@SP?
DIPLOMA-PLUS PROGRAMME
You can opt for a university-preparatory or career-oriented Diploma-Plus Programme to gain a competitive advantage. Courses offered under this programme include Applied Psychology, Aviation Management, Business, Design Thinking and Digital Media Creation, among others. For more information, visit www.sp.edu.sg and check out the Diploma-Plus Guide.

ADVANCED MODULES
You can enrol in Advanced Modules that will help in your university studies. These modules are designed to add greater depth of knowledge in key areas. Refer to individual course modules for a list of Advanced Modules available.

5 + 1 SEMESTER PROGRAMME
You can also opt for this practice-oriented course structure where academic course work will be completed in five semesters instead of six. One semester will be dedicated to a multi-disciplinary project or local / overseas internship.

SP ENGINEERING SCHOLARSHIP
As a SP engineering scholar, you will be selected for research and development attachments and engineering conferences, locally or overseas, to keep abreast of developments in your related field of study.

SP OUTSTANDING TALENT PROGRAMME
The SP Outstanding Talent (SPOT) programme is for selected students who aspire to become leaders in their respective field of study.

Entry Requirements
2013 ELRB2: 12 Aggregate Type: ELRB2-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.

I BELIEVE
“I really enjoyed the time spent in the DARE course. The engaging lectures and nature of the modules in the DARE course fulfilled my passion in engineering. Not only that, the availability of grounded aircraft in Singapore Polytechnic makes visualization of concepts easy. I was equipped with a good foundation in understanding engineering concepts, making the transition from polytechnic to university exceptionally smooth.” – Joyce Tan Li Ling, Class of 2013, recipient of the LS-YSTEP Award and now pursuing her degree in NUS under the University Engineering Scholarship.

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. With a history of more than half a century, engineering schools at SP are the most established ones in Singapore. Our students gain a whole range of design-implementation experiences, and are exposed to the CDO* and Design Thinking processes that allow them to conceive creative engineering solutions based on real user needs.

We benchmark with the best in engineering education by collaborating with reputable institutions such as the Roman School of Management (Canada) and the Olin College of Engineering (USA). We spare no effort to add greater depth of knowledge in key areas. Refer to individual course modules for a list of Advanced Modules available.

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For more information regarding entry requirements, courses and careers, please contact:
School of Electrical & Electronic Engineering Tel: (65) 6772-1206 Fax: (65) 6772-1975
School of Mechanical & Aeronautical Engineering Tel: (65) 6772-1318 Fax: (65) 6772-1974 Email: eee@sp.edu.sg www.sp.edu.sg/schools/eee
School of Mechanical & Aeronautical Engineering Tel: (65) 6772-1206 Fax: (65) 6772-1975 Email: mae@sp.edu.sg www.sp.edu.sg/schools/mae

Course Highlights
- A new AERO HUB to facilitate specialised training on aircraft, R&D on unmanned lying machines, flight simulation, propulsion systems, composite materials and operations of various aircraft systems
- Aligned to Singapore Airworthiness Requirements (SAR 66)
- Sit for the SAR 66 Basic Examinations for licensing Aircraft Maintenance Engineer while still in SP
- Overseas Industrial Attachment Programmes at aerospace companies or universities
- Semester-long project with aviation companies
- Obtain additional certification under our Diploma-Plus in Aviation Management

CAREER OPTIONS
- Aeronautical Engineering Technology
- Aircraft Maintenance Engineer
- Aerospace Design and System Engineer
- Simulator Systems Engineer
- Unmanned Vehicle System Design Engineer
- Flight Operations Officer
- Air Traffic Controller
- Air Transport Operators

FURTHER STUDIES
The Singapore Institute of Technology (SIT) and University of Glasgow have accredited the DARE course and allow its graduates to complete the Bachelor of Engineering (Honours) in Aeronautical Engineering and Bachelor of Engineering (Honours) in Aerospace Systems within two years at the Singapore Polytechnic campus. 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 either local and foreign universities.
Selected Diploma in Aerospace Electronics students may challenge themselves in this new optional curriculum that will challenge them to accomplish various missions in the development of multi-disciplinary innovation projects on flying machines. For more details, visit the course page on www.sp.edu.sg.

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.

**Course Highlights**
- 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 for licensing Aircraft Maintenance Engineer while still in SP
- Overseas Industry Training Programme to Aerospace Companies or Universities
- Obtain an additional certification under our Diploma - Plus in Aviation Management

**CAREER OPTIONS**
- Aircraft Maintenance Engineer
- Aerospace Engineering Officer
- Electrical and Electronic Engineer
- 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 be able 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 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 and Electronic Engineering or Computer Engineering degree courses at local and overseas universities.

**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 Yeanhui, 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.

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**CAREER OPTIONS**
- Medical Equipment Technologist
- Medical Device Engineer
- Bioengineering Technologist

**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**

"With a broad-based curriculum including biological sciences, statics and mechanics of engineering, programming, and rehabilitation engineering; the Bioengineering course has taught me with a new perspective of what to expect out there in the medical community. I enjoy Biomechanics and Rehabilitation Engineering modules which have ignited my passion to come out with products and medical devices that could benefit mankind." – Yeoh Gold Medalist from the Class of 2013 who will be pursuing a degree in Bioengineering in NUS.
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 Engineering; Electrical and Electronic Engineering; Energy Systems and Management; Mechanical Engineering; or Mechatronics and Robotics.

Course Highlights

- 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**

**2013 ELR282: 16 Aggregate Type: ELR282-C**

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**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 Engineer 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.

Course Highlights

- 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 virtualisation 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 equipment, and smart-device application development systems.

**Career Options**

- Network Systems Specialist
- Cloud Systems/Data Centre Administrator
- Systems Support Technology
- Mobile Applications Developer
- Broadband Communications Technology
- Computer Applications Technology
- Technical Support Personnel
- Engineering Assistant

**Further Studies**

You can gain direct entry into the second year of focal universities to pursue a degree in Electrical & Electronic Engineering and/or advance placements in Computer Engineering. You will be eligible for advance placements in Computer Engineering, Network Engineering, Information System Engineering and Electrical & Electronic Engineering in universities in Australia, New Zealand and United Kingdom. You can even get into the third year of these degree programmes.

I BELIEVE...

"DCPE has equipped me with technical and inter-personal skills that I will be able to carry into my future 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
DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING
(DEEE – S99)

The Diploma in Electrical & Electronic Engineering offers 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 a broad-based and dynamic field that covers everything from microscale transistors to macro-scale network systems. This is a major sector in Singapore’s economy. In 2011, Electronics industry contributed an output of $58.6 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.

Course Highlights
- 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.

Entry Requirements

<table>
<thead>
<tr>
<th>Subject</th>
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- Biology + Chemistry + Design & Technology
- Fundamentals of Electronics + Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Applicants must not suffer from colour appreciation deficiency.

CAREER OPTIONS
You can pursue an Engineering career (Technologist, Assistant Engineer, Technical Officer, etc) in one of the following areas: Electronics + Electrical Communications + Computer + Control + Transportation + Test + Design

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).

The Diploma in Electrical & Electronic Engineering offers 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 a broad-based and dynamic field that covers everything from microscale transistors to macro-scale network systems. This is a major sector in Singapore’s economy. In 2011, Electronics industry contributed an output of $58.6 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.

Course Highlights
- 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.

Entry Requirements
2013 ELR2B2-19 Aggregate Type: ELR2B2-C

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

CAREER OPTIONS
- Technologist
- Technical Officer
- Design Specialist
- Assistant Engineer
- Associate Energy Manager

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, Lunset, University of Applied Sciences and Arts in Switzerland and the Munich University of Applied Sciences.

I BELIEVE
"SP definitely changes my life for the better. The 3 years in SP have totally engulfed me into the spirit of engineering design. Interactions with students that shared a passion for a particular discipline have allowed me to see how they work and think and from there, we learned how to better communicate and work with people of vast differences." - Herman Wee, Class of 2013, Diploma in Electrical & Electronic Engineering with Merit, recipient of Nanyang Scholarship, will pursue Renaissance Engineering Programme (Bachelor of Engineering Science and Master of Science in Technology Management) at NTU.

I BELIEVE
"This course allow our diploma graduates to face the immediate and upcoming trend in the energy industry. From the industrialist point of view, I appreciated the staff of Singapore Polytechnic in preparing their students to face the needs and challenges of the industries." - Dr Toh Peng Seng, Managing Director, Grezone Pte Ltd, Singapore.
DIPLOMA IN ENGINEERING WITH BUSINESS (DEB – S42)

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.

In this course, you will learn fundamental knowledge and skills in electrical and mechanical engineering principles and enabling technologies. You will spend one third of your time learning about business and applying all these skills to engineering products and businesses.

Course Highlights

- Integrates engineering and business knowledge with increased focus on entrepreneurship
- Learn from experts from three SP schools – School of Electrical and Electronic Engineering, School of Mechanical and Aeronautical Engineering and SP Business School
- Experience the culture and the way of doing business in a foreign country through a semester-long immersion programme in overseas universities.
- A proven track record with students admitted to NUS, NTU, SMU, SUTD and SIT

CAREER OPTIONS

With a good knowledge of engineering and business, exciting and rewarding career opportunities await you when you graduate. You can seek career advancement in the following areas:

- Project Planning and Management
- Business Planning and Development
- Product Design and Development
- Operations Management
- Logistics and Supply Chain
- Customer Relationship Management
- Engineering Sales and Marketing
- Procurement

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, SMRT Silver Medalist, admitted to Renaissance Engineering Programme, NTU, and recipient of 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, automobiles, electrification, health technology and the telephone are among the greatest engineering achievements of the 20th Century. Resulting in improved lives for billions of people throughout 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 multi-disciplinary diploma programme designed to provide exciting opportunities to 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

2013 ELR2B2: 17

Aggregate Type: ELR2B2-C

Subject Grade
- English Language 1 - 7
- Mathematics (Elementary/Additional) 1 - 6
- Science (Chemistry, Biology) 1 - 6
- Science (Physics, Chemistry) 1 - 6
- Any two other 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.

Course Highlights

- 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 and Electronic Engineering and the School of Mechanical and 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

CAREER OPTIONS

- Assistant Engineer
- Associate Engineer
- Product / Process Project Development
- Engineering Assistant
- Technical Support Officer
- Instrumentation Engineer
- Application Development Engineer
- Technical Services Engineer
- 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

This 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. These 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 Corporation.
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 acclaim and accreditations. You will not only develop a firm foundation in a wide range of engineering disciplines but also acquire basic skills in business and humanities. In your final year, you will be streamed in one of six technology options.

Many graduates have built successful careers in engineering. Some are leading large corporations or have started their own business.

Course Highlights
- 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
- Stream into 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
- Subject Grade
  - English Language 1 - 7
  - Mathematics (Elementary/Additional) 1 - 6
  - Science (Chemistry, Biology) 1 - 6
  - Science (Physics, Biology) 1 - 6
  - Science (Physics, Chemistry) 1 - 6

CAREER OPTIONS
- Mechanical Engineer
- Mechanical Design Engineer
- Mechanical Technologist
- Facility Engineer

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

I BELIEVE
"Being awarded the PSC scholarship is a testimony of the great support I received from my family, friends and Singapore Polytechnic. It is a wonderful opportunity for me to pursue my passion in engineering and prepare myself to contribute back to the society in a meaningful way." - Leong Hei Kern, Gold Medallist from the Class of 2013, recipient of the Lee Kuan Yew Award and PSC Scholarship, who will join SUTD after national service.

Entry Requirements
- Subject Grade
  - English Language 1 - 7
  - Mathematics (Elementary/Additional) 1 - 6
  - Science (Chemistry, Biology) 1 - 6
  - Science (Physics, Biology) 1 - 6
  - Science (Physics, Chemistry) 1 - 6

CAREER OPTIONS
- Automation Engineer
- Control Integration Engineer
- Design Engineer
- Electro-Mechanical Engineer
- Intelligent Systems Engineer
- Mechanical Systems Control Engineer
- Mechatronics Engineer
- System Development Engineer
- Mechanical Engineer

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

I BELIEVE
"Studying mechatronics provides me valuable insights into both mechanical engineering and electronics, and has enabled me to know not just how but why things work. In building a quad flyer transformer robot for my project, I enabled me to know not just how but why things work. In building a quad flyer transformer robot for my project, I appreciated the strength of multidisciplinary training. The experience of seeing imagination becoming reality, in a collaboration project with SUTD and in designing a gun turret mechanism for a paintball competition in South Korea, was euphoric." - Gan Bee Li, Gold Medallist from the Class of 2013 and recipient of the Lee Kuan Yew Award, now pursuing her engineering degree at NTU under the Nanyang Scholarship.
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 professional maritime courses at the Certificate of Competency level.

The Academy 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 the Nanyang Technological University, and 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 (US).

Why SMA?
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 STS Pallada, the world’s fastest tall ship, to learn practical navigation and traditional sailing skills. Our students are given many opportunities for overseas exposure on study tours and community service.

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

THE FUTURE IN THE MARITIME INDUSTRY
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 Diploma in Marine Engineering (DMR) course encompasses various engineering disciplines (mechanical engineering, electrical and electronic engineering, engineering design and control technology) that are 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 sea-going or shore-based route during your second year.

Course Highlights
- 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)
- Association of Marine Industries (ASMI)

Entry Requirements
2013 ELR2B2: Aggregates Type: ELR2B-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 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>$55,000++</td>
<td>Engineering</td>
</tr>
<tr>
<td>22+</td>
<td>$75,000+</td>
<td>Marine Industry</td>
</tr>
<tr>
<td>26</td>
<td>$75,000+</td>
<td>Engineering</td>
</tr>
<tr>
<td>29</td>
<td>$100,000+</td>
<td>Chief Engineer</td>
</tr>
</tbody>
</table>

++ Tax-free income plus paid leave.
CAREER OPTIONS

Entry Requirements

2013 ELR2B: 16
Aggregate Type: ELR2B-C
Subject Grade
a) English Language 1 - 7
b) Mathematics (Elementary/Additional) 1 - 6
c) Any two other subjects 1 - 6

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

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

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

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

Course Highlights

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

FURTHER STUDIES

You can gain direct entry into relevant BSc (Hons) programmes in Shipping Management, Maritime Business and Logistics conducted by reputable tertiary institutions from Australia, United Kingdom and the United States. You may also pursue business programmes at NUS or NTU, or a maritime-related degree programme offered by the Maritime Institute Willem Barentsz (The Netherlands).

With our strong collaboration with foreign universities, you can gain direct entry into a number of maritime programmes offered by overseas 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 (US).

I BELIEVE

“The lecturers are 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.” - Reggella Rudee, DMB alumni, Class of 2011, currently working as a Sales Executive at Simpson Marine (SEA) Ltd.

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.

Career advancement for DNB graduates

Age Education Sea Career Path Shore Career Path
16 YO Level Diploma in Nautical Studies
12 months Sea Experience
or Diploma in Nautical Studies
(fundamentals of Class 1 CoC) or Diploma in Nautical Studies: (full time for Class 1 CoC) or Bachelor of Marine Engineering (for Class 1 CoC)
Officer on merchant ships;
Executive in shipping port
business; shipping and transport services

20 Diploma in Nautical Studies: 12 months Sea Experience
or Diploma in Nautical Studies
(fundamentals of Class 1 CoC) or Diploma in Nautical Studies: (full time for Class 1 CoC) or Bachelor of Marine Engineering (for Class 1 CoC)
Officer on merchant ships;
Commercial Captains

24 International Class 2 CoC
or Diploma in Nautical Studies
(fundamentals of Class 1 CoC)
Officer on merchant ships; Combined Captains or Captains

32 International Class 1 CoC
Officer on merchant ships; Commanders or Owners

International Class 1 CoC

CAREER OPTIONS

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

FURTHER STUDIES

With a DNB diploma, you can gain direct entry into relevant degree courses overseas. If you are considering a sea career, you can pursue a degree in Bachelor of Maritime Operations offered by the Maritime Institute Willem Barentsz (The Netherlands).

I BELIEVE

“My experience through the Diploma in Nautical Studies at SMU was a remarkable journey of maritime exposure and knowledge; taking me into places around the world, and providing me with opportunities to develop myself academically and socially. These experiences will always remain unique to me.” - Chew Si Chao, DNB alumnus, Class of 2013, Tripartite Maritime Scholarship Scheme (TMSS) scholar and currently working with Pacific International Lines (PIL).
I want more than just good grades. I want a healthy study-play balance, and SP helps me achieve that. Here, I get to showcase my talents, spend time with great friends and experience a vibrant life on campus. I’m living my life to the fullest.

With SP, it’s so possible.

aspirations.sg
DIPLOMA IN ENERGY SYSTEMS AND MANAGEMENT (DESM)

The SP Diploma in Energy Systems and Management (DESM) is all about energy – the various types of energy systems (oil, gas and solar) used today and the science of designing energy-efficient technologies.

COURSE HIGHLIGHTS:
- Learn about engineering fundamentals, energy-efficient principles, and how to design and manage clean (solar and wind) and conventional (oil and gas) power systems.
- Hands-on technology projects such as energy-efficient power grids, biomass energy and/or solar cars.
- Internships with local or multi-national energy companies such as Weidmuller, Phoenix Solar, Singapore Power and Senoko Energy.

SCHOLARSHIPS
Outstanding G.C.E. ‘O’ level students enrolled at this new course will be eligible for scholarships offered by SP or external organisations.

CAREER AND FURTHER STUDIES
With this diploma, your career options include becoming an energy grid specialist, energy manager or auditor and electrical engineer in the growing sustainable power industry. You can also choose to pursue a degree in local or overseas universities. SP has extensive links with prestigious universities such as the Australian National University, University of New South Wales, University of Manchester and Munich University of Applied Sciences where advanced standing is given to students of DESM in their degree programmes. This means you can complete your degree in a shorter time.

SCHOLARSHIPS
Outstanding G.C.E. ‘O’ level students enrolled at this new course will be eligible for scholarships offered by SP or external organisations.

Visit www.sp.edu.sg/schools/eee or scan this code for details.