Chemical & Life Sciences

- Applied Chemistry
- Biomedical Science
- Biotechnology
- Chemical Engineering
- Food Science & Technology
- Nutrition, Health & Wellness
- Optometry
- Perfumery & Cosmetic Science

With SP, it's So Possible
At the School of Chemical & Life Sciences (CLS), you can unlock the mysteries of science and create wonders to better life.

The robust curriculum, coupled with strong links to industries, gives you an edge in your future workplace. You acquire lifelong skills that empower you to take on and excel in various fields, like applied chemistry, energy and chemicals, food and nutrition, healthcare, medical technology, as well as cosmetics and perfumery!

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

**I CAN ENHANCE THE Quality OF LIFE**

**WHY SCHOOL OF CHEMICAL & LIFE SCIENCES?**

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

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

We have graduates who are now award-winning scientists and others who are now doing their PhDs. Our graduates have also been admitted to study chemical engineering, chemistry, dentistry, life sciences, medicine and pharmacy at various universities, both local and overseas.

Our graduates do not just excel in the academic field. Some have gone on to become successful entrepreneurs, having benefitted from being exposed to numerous industry-related projects and collaborations during their studies.

Do not simply take our word for it. Go through this brochure to find out exactly what our graduates think of our courses and lecturers.
Discover the mysterious and captivating properties of chemicals, drugs and materials through an exciting application-based journey with us. The Diploma in Applied Chemistry (DAPC) is the first diploma in Singapore to focus on building a strong foundation in chemistry which provides you the versatility to work in various chemistry-related sectors.

The DAPC course provides the learning environment for you to conduct research on, synthesise and test new chemicals, drugs and materials. By the end of the course, you will be able to solve problems independently and experience what it is like to work at the frontiers of investigative chemistry.

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

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

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

COURSE HIGHLIGHTS
- Only course in Singapore on Applied Chemistry
- Specialise in one of the four options: Medicinal Chemistry Research, Pharmaceutical Science, Industrial Chemistry, or Materials Science
- Course is recognised by the UK Royal Society of Chemistry (RSC) and the UK Institute of Materials, Minerals and Mining (IOM3)
- Work with state-of-the-art equipment in well-designed laboratory suites: Analytical & Forensic Chemistry, Pharmaceutical Chemistry and Materials Science
- Internship or dedicated research experience with local and overseas institutions

ENTRY REQUIREMENTS
2017 JAE ELR2B2: 10
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td>1 - 6</td>
</tr>
<tr>
<td>• Biology</td>
<td></td>
</tr>
<tr>
<td>• Biotechnology</td>
<td></td>
</tr>
<tr>
<td>• Chemistry</td>
<td></td>
</tr>
<tr>
<td>• Food &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>• Physics</td>
<td></td>
</tr>
<tr>
<td>• Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>• Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>• Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>
FURTHER STUDIES
You can gain direct entry into second and third year of degree programmes in local and overseas universities.

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

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

Huang Jiemin
DACM Gold Medallist, Class of 2015, who is now pursuing Materials Engineering degree at Nanyang Technological University
DIPLOMA IN

Biomedical Science

(BDS – S98)

Biomedical Science is all about science that “saves lives” – from the science of human functionality to research activities for knowledge and development of diagnostic tools and finally to medical testing for diagnosis, management and prevention of diseases.

Our students can choose from three exciting specialisation options:

- Medical Technology
- Cardiac Technology
- Biomedical Research

The only curriculum in Singapore recognised by international accreditations:

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

SCHOLARSHIPS AVAILABLE

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

COURSE HIGHLIGHTS

- Internships at top-notch clinical laboratories or premier research laboratories including A*STAR Institutes and top-ranked universities in US
- Training Partnership with National Heart Centre Singapore for Cardiac Technology option for an authentic learning experience
- Opportunities to work with prominent local and international research scientists and clinicians on current research projects
- Fantastic network of students and alumni
- Opportunity to expand interests through elective modules in Forensic Biology, Cytogenetics, Pharmacology or Bio-entrepreneurship

ENTRY REQUIREMENTS

2017 JAE ERL2B2; 7
Aggregate Type: ERL2B2-C

SUBJECT | GRADE
--- | ---
English Language | 1 - 7
Mathematics (Elementary / Additional) | 1 - 6
One of the following 3rd relevant subjects: | 1 - 6
- Biology
- Biotechnology
- Chemistry
- Food & Nutrition
- Physics
- Science (Chemistry, Biology)
- Science (Physics, Biology)
- Science (Physics, Chemistry)
The Diploma in Biomedical Science is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP301A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

**FIRST YEAR**
- Analytical and Physical Chemistry
- Cell and Molecular Genetics
- Communicating for Personal and Team Effectiveness
- Communicating for Project Effectiveness
- General Education 1
- General Education 2
- Immunology
- Inorganic and Organic Chemistry
- Mathematics A
- Mathematics B
- Microbiology
- Physiology and Biochemistry

**SECOND YEAR**
Medical Technology Option
- Applied Clinical Chemistry
- Basic Pathology
- Blood Banking
- Clinical Chemistry
- Clinical Instrumentation and Automation
- General Education 3

- Haematology
- Histological Techniques
- Medical Microbiology
- Molecular Pathology Techniques
- Organic Chemistry – Reaction Mechanism
- Project
- Social Innovation Project

Cardiac Technology Option
- Applied Clinical Chemistry
- Basic Pathology
- Biostatistics
- Clinical Chemistry
- General Education 3
- Good Bio Safety Practices
- Haematology
- Introductory Pharmacology
- Medical Microbiology
- Molecular Pathology Techniques
- Organic Chemistry – Reaction Mechanism
- Social Innovation Project

Biomedical Research Option
- Advanced Immunology
- Biostatistics
- Clinical Biochemistry
- Clinical Research Management
- Fundamentals in Instrumental Analysis
- General Education 3
- Good Bio Safety Practices
- Haematology
- Integrated Pathology and Case Analysis
- Introductory Pharmacology
- Medical Microbiology
- Molecular Pathology Techniques
- Organic Chemistry – Reaction Mechanism
- Social Innovation Project

**THIRD YEAR**
Medical Technology Option
- Advances in Laboratory Medicine
- Applied Haematology
- Applied Immunology
- Biostatistics
- Good Bio Safety Practices
- Internship Programme
- Molecular Medical Microbiology
- Project
- 1 Elective Module

Cardiac Technology Option
- Applied Cardio Anatomy and Physiology
- Clinical Applications of Cardiac Drugs
- Clinical Attachment
- Clinical Research Management
- Diagnostic and Interventional Cardiac Catheterisation
- ECG and Rhythm Disorders
- Echocardiography
- Electrophysiology and Pacing Makers
- General Cardiology and Cardiac Disorders 1
- General Cardiology and Cardiac Disorders 2

Biomedical Research Option
- Advanced Cell Biology
- Current Topics in Biomedical Research
- Final Year Project
- Internship Programme

**ELECTIVE MODULES**
- Biochemistry
- Cytogenetics
- Forensic Biology
- Introductory Pharmacology
- Physics

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

**CAREER OPTIONS**
- Teachers Trainee
- Administrator (Medical Industry)
- Clinical Research Coordinator
- Phlebotomist
- Cardiac Technician
- Medical Technician
- Research Assistant
- Sales and Marketing Executive
- Technical Specialist

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

Eric Ong Jia Yong
DBS Gold Medallist,
Class of 2017
SCHOLARSHIPS AVAILABLE

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

COURSE HIGHLIGHTS

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

ENTRY REQUIREMENTS

2017 JAE ELR2B2: 9
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td>1 - 6</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Food &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

**FIRST YEAR**
- Analytical and Physical Chemistry
- Bio-conceptualise
- Bio-explor e
- Cell and Molecular Genetics
- Communicating for Personal and Team Effectiveness
- Communicating for Project Effectiveness
- Immunology
- Inorganic and Organic Chemistry
- Mathematics A
- Mathematics B
- Microbiology
- Physiology and Biochemistry

**SECOND YEAR**
- Advanced Cell Biology
- Bio-discover
- Bioprocess and Biologics Technology
- Biostatistics
- Cell and Tissue Engineering
- Flow Cytometry and Microscopy
- General Education 3
- Good Biosafety Practices
- Molecular Techniques
- Organic Chemistry – Reaction Mechanism
- Proteomics
- Social Innovation Project
- 1 Elective Module

**THIRD YEAR**
- Current Good Manufacturing Practice
- Drug Discovery and Bioinformatics
- Internship Programme
- 1 Elective Module

**ELECTIVE MODULES**
- Agrobiotechnology
- Biochemistry
- Bio-entrepreneurship
- Bionanomediation Technologies
- Cytogenetics
- Forensic Biology
- Introductory Pharmacology
- Physics

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

**Don Loi Xu**
DBT Gold Medallist and Lee Kuan Yew Award Winner, Class of 2017

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

**FURTHER STUDIES**
Many of our graduates gain direct entry into second or third year biological science degree programmes in local and overseas universities. You also have the flexibility to pursue other courses such as biomedical science, pharmacy, medicine, dentistry, environmental science and biomedical science with traditional Chinese medicine at local universities such as National University of Singapore and Nanyang Technological University.
Chemical engineering is the discipline where sciences are combined with applied mathematics and engineering principles. It takes laboratory ideas and turns them into value-added products using cost-effective, safe and cutting-edge processes for the chemical industry.

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

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

SCHOLARSHIPS AVAILABLE
- Singapore Polytechnic Engineering Scholarships
- Mitsui Chemicals Scholarships

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

ENTRY REQUIREMENTS
2017 JAE ELR2B2: 13
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td>1 - 6</td>
</tr>
<tr>
<td>• Biology</td>
<td></td>
</tr>
<tr>
<td>• Biotechnology</td>
<td></td>
</tr>
<tr>
<td>• Chemistry</td>
<td></td>
</tr>
<tr>
<td>• Design &amp; Technology</td>
<td></td>
</tr>
<tr>
<td>• Physics</td>
<td></td>
</tr>
<tr>
<td>• Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>• Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>• Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>
The Diploma in Chemical Engineering is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

---

**FIRST YEAR**

- Analytical and Physical Chemistry
- Basic Mathematics
- Chemical Engineering Thermodynamics
- Communicating for Project Effectiveness
- Engineering Mathematics I
- Fluid Flow and Equipment
- General Education 1
- General Education 2
- Heat Transfer and Equipment
- Inorganic and Organic Chemistry
- Introduction to Chemical Engineering
- Laboratory and Process Skills 1
- Laboratory and Process Skills 2
- Materials for Design

**SECOND YEAR**

- Chemical Engineering Design Calculations
- Chemical Product Design and Development
- Chemical Reaction Engineering
- Communicating for Professional Effectiveness
- Elective Module I
- Engineering Mathematics II
- Independent Study Project and Presentation
- Introduction to Chemical Product Design
- Pharmaceutical Engineering
- Process Instrumentation and Control
- Process Operation Skills 1
- Process Operation Skills 2
- Separation Processes & Simulation
- Social Innovation Project

**THIRD YEAR**

- Biopharmaceutical Engineering
- Capstone Project
- Elective Module II
- Elective Module III
- Internship Programme
- Plant Design, Economics and Sustainable Development
- Plant Safety and Loss Prevention

**SELECTIVE MODULES**

- Basic Instrumental Analysis
- Biomedical Technologies
- Environmental Chemical Process Operations and Troubleshooting
- Current Good Manufacturing Practice
- Environmental Engineering
- Green Engineering and Alternative Energy
- Industrial Waste Management
- Membrane Science and Technology
- Organic Chemistry - Reaction Mechanism
- Petrochemicals and Conversion Technologies
- Petroleum Refining and Enhancement Technologies
- Specialty Chemicals and Product Formulations
- Statistics
- Workplace Safety and Health (WISH) for Chemical Engineers

---

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

Liew Zheng Jie
DCHE Gold Medalist and Lee Kuan Yew Award Winner, Class of 2017
Diploma in Food Science & Technology (DFST – S47)

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

Through Design Thinking, innovative teaching and industry-linked projects, you will discover the world of food – from raw materials to ingredients, processes and packaging to finished consumer products!

As a food scientist or technologist, you can play an important role in making our foods more appealing yet healthier and safer!

Come journey through DFST on a D.I.E.T (Discover, Integrate & Express with Technology) by honing your skills through basic science modules and uncovering the mysteries of food in Year 1.

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

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

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

*B:Business design Infused with Technology Experience

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

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

Entry Requirements
2017 JAE ELR2B2: 13
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td>1 - 6</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Food &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>
The Diploma in Food Science & Technology is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

Course MODULES

The Diploma in Food Science & Technology is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

FIRST YEAR
- Analytical Chemistry
- Basic Mathematics
- Basic Microbiology
- Communicating for Project Effectiveness
- Engineering Mathematics I
- Food Chemistry
- Food Processing Principles
- General Education 1
- General Education 2
- Inorganic Chemistry
- Introductory Food Science
- Laboratory Skills for Analytical and Physical Chemistry
- Laboratory Skills for Inorganic and Organic Chemistry
- Organic Chemistry
- Physical Chemistry
- Physics

SECOND YEAR
- Engineering Mathematics II
- Food Ingredients
- Food Microbiology
- Food Preservation
- Food Process Engineering
- Food Product Design and Development
- Food Safety and Quality Management
- Fundamentals of Nutrition
- General Education 3
- Instrumental Analysis
- Organic Chemistry – Reaction Mechanism
- Quality Assurance and Statistics
- Research Methods and Communication
- Study Trip
- Social Innovation Project

THIRD YEAR
- Communicating for Professional Effectiveness
- Food Packaging
- Food Trends and Regulations
- Internship Programme
- Process Design and Implementation
- Project

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

Magdalene Tan Qiao Hui
DFST Gold Medallist, Class of 2017, who is pursuing a B. Sc. (Hons) Food Science & Technology at National University of Singapore, under the Rintoul Scholarship

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

FURTHER STUDIES
You can apply for related degree programmes at local or overseas universities such as the Bachelor in Science – Food Science and Technology at the National University of Singapore; or the Degree in Biological Sciences with a Second Major in Food Science and Technology or the Degree in Chemical and Biomolecular Engineering with a Second Major in Food Science and Technology or the Degree in Chemistry and Biological Chemistry with a Second Major in Food Science & Technology at Nanyang Technological University. You can also apply for admission to the Bachelor in Food Technology (Honours) programme or the Bachelor of Professional Studies in Culinary Arts Management offered by the Singapore Institute of Technology.
You are a people person. You care about health and want to make a positive impact on the lives of people you meet. If you believe that good health comes from the inside, the Diploma in Nutrition, Health & Wellness (DNHW) is tailored just for you.

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

**COURSE HIGHLIGHTS**

- Advanced facilities such as the Nutrition, Health and Wellness Centre, which houses the physical fitness and exercise physiology laboratories; food science, health food preparation and demonstration laboratories
- Participate in health and wellness outreach programmes
- A 17-week local or overseas internship programme

**SCHOLARSHIPS AVAILABLE**

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

**ENTRY REQUIREMENTS**

2017 JAE ELR2B2: 10
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td>1 - 6</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Food &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>
The Diploma in Nutrition, Health & Wellness is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

FIRST YEAR
- Analytical and Physical Chemistry
- Anatomy and Physiology
- Cell Biology, Microbiology and Immunology
- Communicating for Project (Report) Effectiveness
- Fitness and Wellness throughout the Lifespan
- General Education 1
- General Education 2
- Inorganic and Organic Chemistry
- Introduction to Health and Wellness
- Introductory Food Science
- Mathematics A
- Mathematics B
- Nutrition

SECOND YEAR
- Applied Nutrition
- Basic Biomechanics
- Biostatistics
- Communicating for Professional Effectiveness
- Diet and Nutrition Assessment
- Exercise Physiology
- General Education 3
- Health and Ageing
- Health Education and Health Promotion
- Introduction to Biochemistry
- Nutrition and Disease
- Organic Chemistry – Reaction Mechanism
- Social Innovation Project

THIRD YEAR
- Clinical Nutrition
- Internship Programme
- Physical Fitness Assessment and Exercise Prescription
- Project
- Public Health and Community Nutrition
- Research Methods
- Sports and Exercise Nutrition

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

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

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

Amanda Chia
DNHW Gold Medallist and Tan Chin Chye Gold Medallist, Class of 2015, who is now pursuing a degree in Medicine at Yong Loo Lin School of Medicine, National University of Singapore
COURSE HIGHLIGHTS

• First tertiary institution in Singapore to offer this course since 1994
• Our students start working with patients in the first year and continue with greater responsibilities in the subsequent years
• Excellent clinical and laboratory facilities and SP Optometry Centre provide you with hands-on experience using state-of-the-art precision instruments and equipment
• Register as a qualified optometrist with the Optometrists and Opticians Board when you graduate
• Regular Industrial attachments at hospitals, optometric practices, contact lens or ophthalmic lens companies to widen your scope and experience in optometry
• Four-month continuous internship in the eye care industry is a key component
• Opportunities for overseas exposure via community service projects or attachments to optometry schools and research institutions abroad

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

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

SCHOLARSHIPS AVAILABLE

• Singapore Polytechnic Scholarships
• MOH Holdings Scholarships

Take a moment to consider the importance of eyesight and the impact it has once it is lost. Indeed, caring for the health of others is a noble calling, especially when it comes to something as important as eye care.

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

Our three-year Diploma in Optometry (DOPT) course aims to produce professionally competent optometrists who are in good demand. Due to the high prevalence of myopia in children and a rapidly ageing population, quality optometrists are highly sought after.
The Diploma in Optometry is a three-year full-time programme. All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

FIRST YEAR
- Clinical Optometry 1 and 2
- Communicating for Project Effectiveness
- General Education 1 and 2
- Geometrical and Physical Optics
- Human Physiology and Cell Biology
- Mathematics A
- Mathematics B
- Ocular Anatomy and Physiology
- Ophthalmic Dispensing
- Ophthalmic Optics
- Physiological and Visual Optics

SECOND YEAR
- Analytical and Physical Chemistry
- Binocular Vision and Paediatric Optometry 1
- Clinical Optometry 3
- Clinical Practice 1
- Contact Lenses
- Contact Lens Practice 1
- General Education 3
- Inorganic and Organic Chemistry
- Ocular Disease 1 and 2
- Ocular Pharmacology
- Research Methods in Optometry
- Social Innovation Project

THIRD YEAR
- Binocular Vision and Paediatric Optometry 2
- Business Management for Optometry Practice
- Clinical Practice 2
- Contact Lens Practice 2
- Low Vision and Community Health Optometry
- Project
- Internship Programme

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

Han Xueting
DOPT Gold Medallist, Class of 2017

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

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

Perfumery & Cosmetic Science

(DPCS – S38)

If you have the passion to:
• formulate products that will give you age-defying looks;
• uncover the secrets of fragrance creation;

you are cordially invited to begin your journey with the Diploma in Perfumery & Cosmetic Science (DPCS) at SP.

It is the only local diploma programme that provides training in chemistry with applications in perfumery and cosmetic science. You will have integrated learning experience where you will build a strong chemistry foundation and apply your knowledge in specific applications using your senses.

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

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

COURSE HIGHLIGHTS
• Specialisation in Chemistry, Perfumery and Cosmetic Science
• Get trained in our state-of-the-art Perfumery and Cosmetic Science Centre
• Collaborations with industry partners to commercialise the only local student formulations: the Romance Singapore series of perfumes as well as various types of room scents
• Real and exciting experiences in making perfumes and cosmetic products, producing fragrance raw materials through organic synthesis and distilling essential oils from plant extracts
• Internship with perfumers, chemists, product formulators or dermatologists at chemical or cosmetic companies or fragrance and flavour houses
• Be awarded with a training certificate in ‘Analytical Instrumentation and Laboratory Technique’ accredited by the Royal Society of Chemistry (RSC), UK

ENTRY REQUIREMENTS
2017 JAE ELR2B2: 14
Aggregate Type: ELR2B2-C

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>1 - 7</td>
</tr>
<tr>
<td>Mathematics (Elementary / Additional)</td>
<td>1 - 6</td>
</tr>
<tr>
<td>One of the following 3rd relevant subjects:</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Food &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Science (Chemistry, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Biology)</td>
<td></td>
</tr>
<tr>
<td>Science (Physics, Chemistry)</td>
<td></td>
</tr>
</tbody>
</table>
The Diploma in Perfumery & Cosmetic Science is a three-year full-time programme.

All full-time diploma students are required to take two compulsory Education and Career Guidance Modules in SP. Students will take SP101A: Education and Career Guidance 1 – Personal Development (15 hours) in their first year. In their second or third year, students will take SP201A: Education and Career Guidance 2 – Career Development (30 hours).

All students are required to take one compulsory Sports for Life (SFL) module for one semester in their first year in SP. In their second and third year, students may sign up for SFL module as an elective.

**Course MODULES**

**FIRST YEAR**
- Analytical Chemistry
- Basic Mathematics
- Cell Biology
- communicating for personal and team effectiveness
- Engineering Mathematics I
- General Education 1
- General Education 2
- Hair Care Raw Materials and Products
- Inorganic Chemistry
- Introduction to Fragrances and Flavours
- Laboratory Skills in Analytical and Physical Chemistry
- Laboratory Skills in Inorganic and Organic Chemistry
- Organic Chemistry
- Physical Chemistry
- Skin Care Raw Materials and Products

**SECOND YEAR**
- Advanced Physical Chemistry
- Basic Instrumental Analysis
- Colloid Chemistry
- communicating for professional effectiveness
- Engineering Mathematics II
- Formulation Science of Cosmetics
- Fragrance and Flavour Chemistry
- General Education 3
- Organic Chemistry – Reaction Mechanism
- Principles of Marketing
- Product Innovation and Management
- Quality Assurance and Statistics
- Social Innovation Project

**THIRD YEAR**
**FEEL Programme**
- Advanced Instrumental and Laboratory Techniques
- Advanced Organic Chemistry
- Consumer Psychology
- Internship Programme
- Laboratory Management
- Project
- Safety Assessment, GMP and Cosmetic Regulations
- The Art of Perfumery

**SENSE Programme**
- Extended Internship Programme
- Laboratory Management
- Safety Assessment, GMP and Cosmetic Regulations
- The Art of Perfumery

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

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

The comprehensive chemistry-based curriculum has provided me a strong scientific foundation. The well-designed practicum has also equipped me with the relevant skillsets for application in the personal care industry.

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

Christine Ng Li Ti
DPCS Gold Medallist,
Class of 2017, who is pursuing a BSc (Chemistry) at National University of Singapore under the NUS Merit Scholarship.

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

Christine Ng Li Ti
DPCS Gold Medallist,
Class of 2017, who is pursuing a BSc (Chemistry) at National University of Singapore under the NUS Merit Scholarship.
For more information regarding entry requirements and course information, please contact:

**School of Chemical & Life Sciences**
Tel: (65) 6775 1133  
Fax: (65) 6772 1976  
Email: contactus@sp.edu.sg  
Website: www.sp.edu.sg/cls

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

- [@singaporepoly](https://www.instagram.com/singaporepoly)  
- [@singaporepoly](https://twitter.com/singaporepoly)  
- [@singaporepoly](https://www.facebook.com/singaporepolytechnic)  
- [youtube.com/singaporepolytechnic](https://www.youtube.com/singaporepolytechnic)

The polytechnic reserves the right to alter the information in this publication. Information is correct as of December 2017.