

NAUTICAL STUDIES

DNS – DAE



Charting the Future of Maritime Excellence

Embark on an exciting voyage with the Diploma in Nautical Studies (DNS) and earn your Class 3 Deck Certificate of Competency (CoC), your first professional sea-going qualification. Take confident steps as a junior deck officer and rise to the helm as a ship master.

The DNS course consists of three phases, providing a solid foundation for your maritime career.

Phase 1: Pre-Sea Induction (18 months) — covering fundamental knowledge, skills and the STCW required training courses.

Phase 2: Sea-Training/ Correspondence (12 months) — structured shipboard training to develop skills as a Navigating Officer.

Phase 3: Final phase (6 months) — return to Singapore Polytechnic to continue study and complete requirements leading to the Class 3 Certificate of Competency (CoC) qualification.

Join DNS and set sail toward an exciting future in maritime.

FURTHER STUDIES

With a DNS diploma, you can gain direct entry into relevant degree courses overseas. You can pursue a Bachelor's degree in Navigation & Maritime Science Offered by the University of Plymouth (UK), which is useful and beneficial for a Shore based career path.

WHAT YOU CAN EXPECT

- Graduates will be awarded both an SP diploma and the internationally recognised professional Class 3 Certificate of Competency (CoC) qualification that allows you to sail as a certified sea-going officer worldwide
- Train in the state-of-the-art simulators using virtual reality-based training tools and immersive environment that will equip you to handle various scenarios at sea.
- Gain the competencies and versatility to sail in any type of ship of any size worldwide
- Get first-hand experience in working on board a vessel in the 12-month sea training phase
- Receive support for career progression from government agencies and industry partners through financial rewards and benefits.

ENTRY REQUIREMENTS

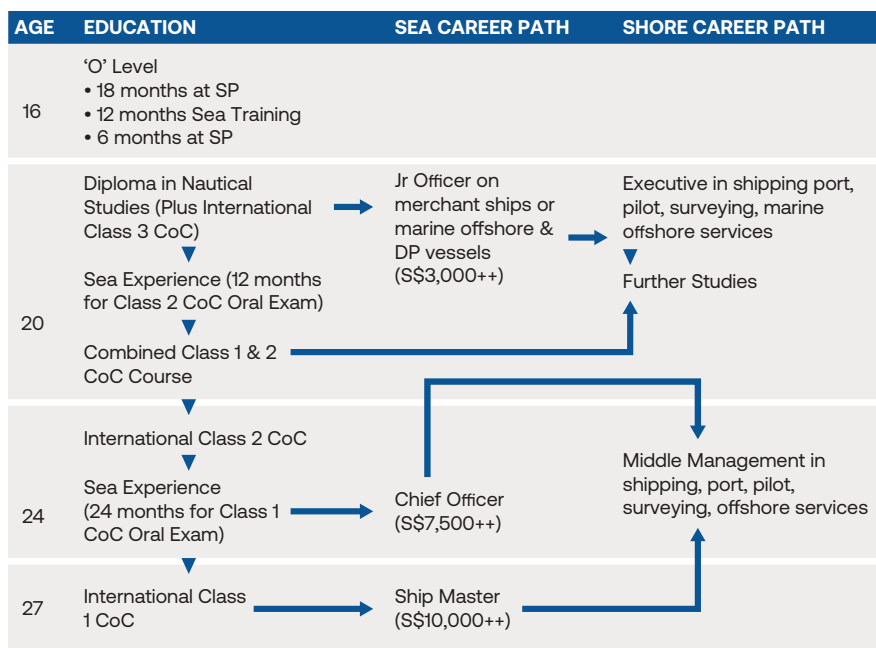
Aggregate Type: ELR2B2-C

SUBJECT	GRADE
English Language	1 – 7
Mathematics (Elementary/Additional)	1 – 6
Any one of the following subjects	1 – 6
<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Computing/Computer Studies • Design & Technology • Electronics/Fundamentals of Electronics • Food & Nutrition • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) 	

CAREER OPTIONS

As you enter the maritime world, remarkable opportunities await. Your experience and skills can lead to prestigious roles such as navigating officers, harbour pilots, and superintendents.

- Applicants must ensure that they have good eyesight (i.e. visual acuity unaided of 6/60 in both eyes and with visual aids of 6/6 in the better eye and at least 6/9 in the other eye) and do not have colour vision deficiency. Applicants must show proof of having passed the Maritime and Port Authority of Singapore (MPA) Sight Test which is conducted at the Singapore Polytechnic Optometry Centre or by General Practitioners.
- SMA/SP will assist in sourcing for a sponsoring company for local students. Shortlisted candidates will be required to attend an interview conducted by the Singapore Maritime Academy. International students are highly recommended to seek out their preferred shipping company to facilitate the successful completion of their phase 2 internship aboard a ship.



++ Tax free income plus paid leave



My cadetship experience has not only reinforced my passion for the maritime field but also shaped my future aspirations. I am now determined to become a skilled and proficient maritime professional, to continue contributing to the safety and efficiency of maritime operations.

Fadhli Bin Bohari

DNS Course Medallist



WHAT YOU'LL STUDY

The Diploma in Nautical Studies is a three-year training programme, comprising three phases, which includes a 12-month sea service with an approved shipping company and an internationally recognised professional Class 3 CoC qualification exam.



FIRST PHASE - 18 MONTHS

- Advanced Fire Fighting
- Applied Science
- Basic Occupational Safety & Security Training
- Basic Tanker Training (Seagoing)
- Collision Regulations
- Common Core Modules
- Critical and Analytical Thinking (CAT)
- Elective
- Electronic Navigation Systems 1
- Fundamentals of IT & Data Analysis
- Introduction to Navigation
- Marine Communications & Signals
- Mathematics 1
- Mathematics 2
- Meteorology
- Narrative Thinking (NAT)
- Principles of Navigation
- Ship Knowledge
- Science 1
- Sustainable Innovation Project (SIP)

SECOND PHASE - 12 MONTHS

- 52-Week Sea Service

THIRD PHASE - 6 MONTHS

- Cargo Work and ISM
- Coastal Navigation
- Electronic Navigation Systems 2
- GMDSS
- Practical Navigation
- Ship Operations
- Ship Construction & Ship Stability

ELECTIVES

The SP elective framework offers students options to pursue their passion and / or meet different career needs, and is an integral part of the holistic education we seek to provide to our students. The learning experiences of this elective framework help students in their development as self-directed, versatile, life-long learners, which are essential in today's volatile and changing societal as well as occupational landscape.

Students who are interested to explore additional new skills and abilities will have the opportunity to take up to five electives. Certificates and minors will be awarded when students complete a suite of related elective modules. Please visit <https://www.sp.edu.sg/sp/education/elective-modules> for details of this elective scheme and the full list of electives.

COMMON CORE CURRICULUM

The Common Core Curriculum is designed to prepare students for a disruptive world that is ever-changing. Comprising critical human and emerging digital skills, the common core modules offer students an integral and inter-disciplinary learning experience to address the wicked problems of the world (framed by the United Nations' Sustainable Development Goals).

Through the Common Core modules, students will think critically about real-world problems, empathise with local and global communities and be challenged to effect change. For more information on the Common Core Curriculum, please visit <https://www.sp.edu.sg/sp/education/common-core-curriculum>.

All full-time diploma students are required to take a compulsory Education and Career Guidance module in SP. Students will take Education and Career Guidance – Personal Development (30 hours) in their first year.

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

