Bachelor of Science (Maritime Studies)

Bachelor of Science (Maritime Studies with Business Major)
ABOUT THE PROGRAMME

The Maritime Studies programme focuses primarily on the management of the shipping business as well as maritime science and technology. Supported by the Maritime and Port Authority of Singapore (MPA), it was established to build up the next-generation talent pool to further advance Singapore as an international maritime centre. The programme provides high-quality education for those who aspire to become future leaders in shipping and related businesses.

NTU Singapore has been at the forefront of teaching, research, and consulting in the areas of business and technology. Students can look forward to developing themselves in a holistic and comprehensive learning environment. The College of Engineering, Nanyang Business School, and the College of Humanities, Arts, and Social Sciences offer a wide range of courses in various disciplines. Students can choose courses that best fit their interests and development.

ABOUT THE SCHOOL

The School of Civil and Environmental Engineering (CEE) was one of the three pioneering engineering schools when Nanyang Technological University, Singapore (NTU Singapore) first started, offering the Bachelor of Engineering programme in Civil Engineering. The Bachelor of Engineering programme in Environmental Engineering first began in 2003.

The School launched the Bachelor of Science (Hons) degree in Maritime Studies in July 2004. The Bachelor of Science (Hons) degree in Maritime Studies with Business Major was introduced in August 2008.

The Maritime Studies programmes offered by CEE include:

- Bachelor of Science in Maritime Studies
- Bachelor of Science in Maritime Studies with Specialisation in International Trading*
- Bachelor of Science in Maritime Studies with a Second Major in Business
- Bachelor of Science in Maritime Studies with a Second Major in Business (International Trading)*

* Opt in “International Trading” at the end of Year 1

CURRICULA

The Maritime Studies curricula aim to provide students with both depth and breadth. The programme structure is flexible and broad-based. Students will complete one semester in the third year of their studies at our overseas partner university. The curriculum also includes Professional Internship where students will be attached to organisations in shipping and related industries.
BSc degree in Maritime Studies

YEAR 1
- Accounting
- Fundamentals of Management
- Mathematics I for Maritime Studies
- Introduction to Maritime Industry
- Trade Practice and Incoterms
- Fundamentals of Business Law
- Principles of Economics
- Shipping and the Environment
- Introduction to Meteorology and Oceanography
- Introduction to Computational Thinking

YEAR 2
- Probability and Statistics
- Shipping Economics
- Maritime Technology
- Port Economics
- Mathematics II for Maritime Studies
- Ship Chartering
- Enterprise and Innovation
- Essential of Project Management
- Professionals in Society

YEAR 3
- Maritime Law
- Introduction to Marine Insurance
- Organisation of a Ship Owning Entity
- Shipping Management
- Major Prescribed Elective
- Professional Internship

YEAR 4
- Shipping Logistics
- Maritime Strategy
- Major Prescribed Elective
- Final Year Project
- GER - Elective

BSc degree in Maritime Studies with Business Major

YEAR 1
- Marketing
- Financial Management
- Business Operations and Processes
- Financial Accounting
- Mathematics I for Maritime Studies
- Trade Practice and Incoterms
- Introduction to Meteorology and Oceanography
- Introduction to Computational Thinking
- Shipping and the Environment

YEAR 2
- Probability and Statistics
- Shipping Economics
- Maritime Technology
- Port Economics
- Mathematics II for Maritime Studies
- Ship Chartering
- Enterprise and Innovation
- Essentials of Project Management
- Professionals in Society

YEAR 3
- Maritime Law
- Introduction to Marine Insurance
- Organisation of a Ship Owning Entity
- Shipping Management
- Major Prescribed Elective
- Professional Internship

YEAR 4
- Shipping Logistics
- Maritime Strategy
- Major Prescribed Elective
- Final Year Project
- GER - Elective

Students who are taking the Specialisation in International Trading are required to read these courses:
- Commodities Trading
- Commodity Markets
- Trade, Structured and Supply Chain Finance
- Enterprise Risk Management
- International Tax and Trading Law
- Industry Seminar

Please refer to the school’s website for the updated curriculum structure.

www.cee.ntu.edu.sg

CAREER OPPORTUNITIES

The maritime industry offers good career prospects with attractive remuneration, job stability and job flexibility. Graduates can choose from a broad and diverse range of shore-based careers including Marine Operations Executive, Chartering Executive, Logistics Executive, Freight Forwarding Executive, Warehouse Planner, Post-Fixture Executive, Customer Relationship (Cargo/Carrier), Trade/Pricing Executive, Manager (Voyage Planning), Accounts Manager (Sea Freight), Supply Chain Coordinator, Shipping Executive (Documentations), Cargo Claims Manager, Export/Import Executive, Brokerage Executive, Analyst (Market Intelligence), Business Development Manager, Ship Charterer, Ship Planner and Shipbroker.
ADMISSION CRITERIA

In addition to the general admission requirements set by NTU, applicants need to fulfil the following minimum subject requirements:

- **GCE ‘A’ LEVEL**: H1 Level pass in Mathematics or ‘O’ Level / equivalent pass in Additional Mathematics and H1 Level / ‘O’ Level pass in a Science subject.

- **POLYTECHNIC DIPLOMA**: A diploma from local polytechnics. Applicants may be granted course exemptions.

- **INTERNATIONAL BACCALAUREATE DIPLOMA**: Mathematics at Standard Level and Physics / Chemistry / Biology at Standard Level.

- **NUS HIGH SCHOOL DIPLOMA**: Major CAP of 2.0 in Mathematics and Overall CAP of 2.0 in Physics / Chemistry / Biology.

- **INTERNATIONAL STUDENTS**: Additional Mathematics at Junior High School Level and Physics / Chemistry / Biology / Science at Junior High School Level. Mathematics at Senior High Level is only applicable to applicants who have not read Additional Mathematics at Junior High School Level.

For updated information on admission, please refer to admissions.ntu.edu.sg

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GRADUATE STUDIES OPPORTUNITIES

For those who aim to pursue graduate degrees after their BSc (Maritime Studies) degrees, the College of Engineering is offering graduate programmes which lead to the award of the Master of Science in Maritime Studies, and Master of Science in Logistics. In addition, Nanyang Business School also offers business graduate programmes.

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Thoughts from OUR STUDENT

**KOH Shi Ling**
Maritime Studies Year 4 (2018)

“Maritime Singapore is a thriving eco-system, comprising our global hub port, international maritime centre and strategic maritime interests. With Singapore playing a key role as a leading maritime nation, CEE’s Maritime Studies is your gateway to embark on this exciting journey.

The Maritime Studies programme has also widened my interest in global issues and increased my awareness of alternative and multifaceted approaches to learning. Did you know that all students in Maritime Studies get to go together on an international exchange in the third year of studies? This exchange has certainly made a significant difference in my learning experience. The international exposure and knowledge that I gained has enabled me to better understand an array of different cultural and community perspectives. Besides that, there are many opportunities to get a taste of this dynamic industry through either local or international internships.

Come join our close-knit community! As a Maritime Studies graduate, you can look forward to the many exciting and diverse job opportunities offered by the industry!”