

Course Content

The international degree programme "Ship Management" at the University of Applied Sciences in Bremen is a full-time study programme. The curriculum reflects the provisions of the International Convention on Standards of Training, Certification and Watchkeeping (STCW).

In addition to those subjects needed to build up the competencies required to take over the duties as deck officer and shipmaster, the ISSM degree program covers subject areas such as economics, IT, engineering and law.

I am studying Ship Management at Hochschule Bremen to benefit from having all lectures offered in English, the lingua franca of the maritime industry.

Thomas Groteguth, 8th semester

Students will acquire core competencies in the following areas:

- > Navigation, Ship's Command
- > Maneuvering, Shiphandling
- > Cargo Handling, Ship's Stability
- > Maritime Safety and Security
- > Maritime Law
- > Maritime Economics

Prospects

Graduates of the international degree programme „Ship Management“ (ISSM) who have an acknowledged seagoing experience of a minimum of 12 month (e.g. completed apprenticeship as ships mechanic or traineeship as assistant nautical officer) are qualified to directly engage in gainful employment as nautical officers on board ship.

A nautical officer is in charge of a navigational watch but is also responsible for other areas related to the operation, safety and security of the ship. After only two to three years of work experience as watchkeeping officer graduates may apply for the Master Mariner's certificate of competency at the responsible authority. Within a few years graduates of the study programme ISSM are already in the position to take over command on board a merchant ship.

Other Areas of Employment:

- > Maritime Superintendent
- > Marine Insurances
- > Classification Societies
- > Shipping Companies
- > Maritime Consultants
- > Stevedoring Companies
- > Commodity Traders
- > Shipbrokers
- > Shipping Agents
- > Logistics Companies
- > Maritime Administrations
- > Sea and River Pilots
- > Maritime Supervisory Authorities
- > Maritime Institutions
- > ...

→ www.issm.hs-bremen.de

Hochschule Bremen
City University of Applied Sciences



Faculty 5: Nature and Engineering

International Degree Programme Ship Management -Nautical Studies-

BACHELOR OF SCIENCE

INTERNATIONAL

Valid as of March 2018. Subject to alterations, errors and omissions excepted
Cover Picture: Carl Büttner Shipmanagement GmbH



Data

Admission Requirements

- > General university entry qualification („Abitur“) or restricted university entry qualification („Fachhochschul-reife“) or scholastic assessment test/ special admission
- > English Level B1

Language of Instruction

- > English
(A good command of the English language is essential.)

Application Period

- > June 1 to July 15 at www.bewerbung.hs-bremen.de

Hint regarding on-board training:

An immatriculation without experience on a ship is possible. For the B.Sc. 6 months internship on board are required, planned in the 5th Semester.
For the Certificate of Competence for an Nautical Deck Officer (issued by the German Flag State Administration) additional 6 months on-board training are required. This sea-service can be done before the study course or in an additional semester.
Anyway, as far as possible it is advisable to start an on-board training ahead of the study course.

Start of the Program

- > Winter semester

Program Duration

- > 7 semesters including internship and bachelor thesis

Degree

- > Bachelor of Science (B.Sc.)

International Degree Programme Ship Management B.Sc. (Nautical Studies)

	Credits	Module 1	Module 2	Module 3	Module 4	Module 5
1st Semester	30	Mathematics I Trigonometrics	Maritime Communication I Nautical English I Maritime English I	Maritime Economics Shipping Economics Mar Business Management	Maritime Human Resources I Maritime Medicine Shipping Psychology	Engineering I Mechanics & Fluid Dynamics
2nd Semester	30	Mathematics II Analytical Mathematics	Maritime Communication II Nautical English II Maritime English II	Maritime Law I Mar. Administration & Envir.Protection	Ship's Theory I Shipbuilding Electro-technics	Engineering II Thermodynamics Chemistry
3rd Semester	30	Ship's Command I Ship's Manoeuvring	Maritime Meteorology Meteorology	Navigation I Terrestrial Navigation	Ship's Theory II Ship's Stability	Cargo Handling I Dangerous Goods
4th Semester	30	Ship's Command II Collision Avoidance	Maritime Communication III Telecommunication (GOC)	Navigation II Celestial Navigation Electronic Navigation	Ship Technology Marine Engineering Maritime Systems Control	Ship's Command III ECDIS / ARPA Course Ship Handling Simulator
5th Semester	30	Internship (Practice at Sea)				
6th Semester	30	Emergency Management Safety Management Security Management (SSO)	Cargo Handling II Cargo Technology	Maritime IT-Systems Informatics	Elective I	Elective II
7th Semester	30	Maritime Law II Merchant Shipping Law	Maritime Human Resources II Labour Law / HR Mgmt	Ship's Command IV STCW Competencies	Bachelor Thesis	Bachelor Thesis

For more information see:
www.issm.hs-bremen.de
to download the „information for interested applicants“

CONTACTS

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