



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## ISMN International Ship Management – Nautical Sciences

Bremen University of Applied Sciences • Bremen

### Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none"><li>• English</li><li>• German</li></ul>
Languages	<p>All classes and examinations are held in English. German proficiency isn't required for admission. Students must reach certain levels of German during the programme and be at a B2 German level to participate in the final exams to gain the Certificate of Competency. Courses to achieve this level of German are offered as extra courses in cooperation with the Language Centre of Hochschule Bremen and the University of Bremen. There are also German courses offered by other organisations.</p>
Programme duration	8 semesters
Beginning	Winter semester
Application deadline	<p>15 July for the winter semester</p> <p>15 January for the summer semester (It is only possible for advanced students who are studying / have studied nautical sciences or similar or who are serving on board a sea-going vessel to start the programme in the summer semester.)</p> <p>Always check the application deadlines here: <a href="https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-nautical-sciences-bsc/">https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-nautical-sciences-bsc/</a>.</p>
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No
Description/content	<p>The international degree programme in Ship Management is a full-time study programme. The curriculum reflects the provisions of the International Convention on Standards of Training, Certification and Watchkeeping (STCW Convention) as amended.</p> <p>The subjects build up the competencies to take over the duties on the operational and management level as deck officer and shipmaster.</p> <p>Students will acquire core competencies in the following subjects:</p> <ul style="list-style-type: none"><li>• Navigation, Marine Communication &amp; Ship Command, Watchkeeping</li><li>• Manoeuvring &amp; Ship Handling</li><li>• Cargo Handling &amp; Ship's Stability</li><li>• Ship's Technology &amp; Engineering</li><li>• Maritime Digitalisation</li><li>• Maritime Safety and Security</li><li>• Maritime Economics &amp; Law</li></ul>

To graduate with a BSc, at least one practical semester (six months) on board a sea-going vessel is required. When graduating with twelve months of on-board training, a German STCW Certificate of Competence by the German Flag State Administration will be issued.

The graduates will also have many job opportunities in the maritime industry ashore, e.g. in shipping companies, port and cargo services, marine suppliers and IT companies, administration, the energy sector, training and education.

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## Course Details

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### Course organisation

#### Semester One:

ISMN 1.1. Navigation Basics (6 ECTS)  
ISMN 1.2. Marine Communication (6 ECTS)  
ISMN 1.3. Blue Sciences (6 ECTS)  
ISMN 1.4. Ship Technology (6 ECTS)  
ISMN 1.5. Maritime Economics (6 ECTS)

#### Semester Two:

ISMN 2.1. Navigation Systems / Informatics (6 ECTS)  
ISMN 2.2. Ship Manoeuvring (6 ECTS)  
ISMN 2.3. Tanker Shipping & Operations (6 ECTS)  
ISMN 2.4. Ship Stability, Trim & Strength (6 ECTS)  
ISMN 2.5. Shipping Law & Environmental Liability (6 ECTS)

#### Semester Three:

ISMN 3.1. Practical Semester – internship at sea (30 ECTS)

#### Semester Four:

ISMN 4.1. Applied Navigation (6 ECTS)  
ISMN 4.2. Watchkeeping (6 ECTS)  
ISMN 4.3. Dangerous Cargo (6 ECTS)  
ISMN 4.4. Ship Engineering (6 ECTS)  
ISMN 4.5. Transport Law & Claim Handling (6 ECTS)

#### Semester Five:

ISMN 5.1. Human Element (6 ECTS)  
ISMN 5.2. ARPA/ECDIS (6 ECTS)  
ISMN 5.3. Dry Cargo Operations (6 ECTS)  
ISMN 5.4. Ship Automation & Digitalisation (6 ECTS)  
ISMN 5.5. Maritime Human Resources (6 ECTS)

#### Semester Six:

ISMN 6.1. Practical Semester – internship at sea (30 ECTS)

#### Semester Seven:

ISMN 7.1. Maritime Meteorology (6 ECTS)  
ISMN 7.2. Applied Ship Handling (6 ECTS)  
ISMN 7.3. Elective I (Special Ships) (6 ECTS)  
ISMN 7.4. Safety & Security Management (6 ECTS)  
ISMN 7.5. Fleet Management (6 ECTS)

#### Semester Eight:

ISMN 8.1. Ship Command (6 ECTS)  
ISMN 8.2. Applied Bridge Management (12 ECTS)

ISMN 8.3. Elective II (Maritime Management) (6 ECTS)  
ISMN 8.4. Bachelor's Thesis (6 ECTS)

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A Diploma supplement will be issued	Yes
Certificates for specific modules are awarded	Yes
International elements	<ul style="list-style-type: none"> <li>Integrated study abroad unit(s)</li> </ul>
Integrated study abroad unit(s)	Students are advised and encouraged to spend one suitable semester abroad. It is possible to take part in ERASMUS exchange programmes.
Integrated internships	<p>The third and the sixth semesters are compulsory internship semesters, which must be spent at sea on board of a seagoing merchant ship above 500 GT (gross tonnage) in international trade.</p> <ul style="list-style-type: none"> <li>It is the students' responsibility to find a shipping company offering internships on board a merchant ship.</li> <li>To gain a STCW Certificate of Competency as deck officer in a total of twelve months, sea training is mandatory which is integrated into the curriculum.</li> <li>The Centre of Maritime Studies at Bremen University of Applied Sciences provides standardised internship contract forms upon request.</li> </ul>
Special promotion / funding of the programme	<ul style="list-style-type: none"> <li>ERASMUS+</li> </ul>
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

## Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>Check here for the latest fee information: <a href="https://www.hs-bremen.de/en/study/during-your-studies/formalities/">https://www.hs-bremen.de/en/study/during-your-studies/formalities/</a>.</p> <p>This fee includes the semester ticket, which can be used for all public transportation in and around Bremen. This also covers some specific trains to Hamburg.</p>
Funding opportunities within the university	Yes
Description of the above-mentioned funding	Check our website to read about the Achim Boehme scholarship: <a href="https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-">https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-</a>

## Requirements / Registration

### Academic admission requirements

Academic admission requirements include one of the following:

- general university entrance qualification ("Abitur")
- restricted university entrance qualification ("Fachhochschulreife")
- scholastic assessment test / special admission
- English level B2

### Language requirements

Applicants must have a level B2 of English, which must be proven by educational degrees or official language tests. (Please see the study course's homepage for more detailed information on how to prove language proficiency.)

### Application deadline

15 July for the winter semester

15 January for the summer semester (It is only possible for advanced students who are studying / have studied nautical sciences or similar or who are serving on board a sea-going vessel to start the programme in the summer semester.)

Always check the application deadlines here: <https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-nautical-sciences-bsc/>.

### Submit application to

Please see <http://www.hs-bremen.de/internet/en/studium/bewerbung/> for detailed information about the application process.  
International applicants apply via [uni-assist](#) to get a document called VPD ("Vorprüfungsdocumentation" – preliminary review documentation). This document will be used in your application to the degree programme.

## Services

### Possibility of finding part-time employment

In all faculties and in several areas of administration, it is possible to find a student job (maximum 40 hours per month, roughly 11 EUR per hour).

In general, students from European Union countries do not require a work permit to work during their course of study.  
Students from countries outside the European Union may work with a work permit for 120 full days or 240 half days over the course of one year. A special permit is required to work more than that.

### Accommodation

There are a few places available in an on-campus student residence hall. However, most students live in private accommodation. In Bremen, a room costs between 300 EUR and 400 EUR per month. A deposit consisting of the first two or three months of rent (not including utility costs) must be paid before moving in.

### Career advisory service

Several advisory services are available at the HSB.

### Support for international

- Welcome event
- Buddy programme



## HSB students on the sail training excursion on ALEXANDER VON HUMBOLDT II

Students explain their experiences on the sail training ship on the voyage from Madeira to Gran Canaria. It is an excursion that takes place in the first semester.

» more:  
<https://youtu.be/nz6j7xaFPcQ>

# Bremen University of Applied Sciences

With almost 9,000 enrolled students and about 70 degree programmes in five schools, the Hochschule Bremen, City University of Applied Sciences is one of the larger institutions of its kind in Germany. It offers academic programmes at undergraduate and graduate level covering the fields of science and engineering as well as business and social sciences. A strong link with industry and other relevant professional institutions is characteristic of all programmes, and a one-semester internship is an integral part of the curriculum.

In keeping with its official mandate, the Hochschule Bremen, City University of Applied Sciences is involved in numerous research and development projects and operates research institutions in all areas, with a commitment to continual further expansion of these activities.

Internationality is the trademark of the Hochschule Bremen, City University of Applied Sciences, as reflected in more than 300 cooperation contracts with partner universities all over the world regulating mutual exchanges between the students and academic staff of their respective institutions. In more than half of the undergraduate study programmes, students are required to spend at least one semester abroad.

In addition to this, the university has an ongoing commitment to improve the quality of the on-campus experience of internationality. A selection of classes taught in English as well as intercultural training sessions for local and foreign students support the "Internationalisation at Home" initiative, with the goal of promoting an intercultural university culture.

The Hochschule Bremen, City University of Applied Sciences is conveniently located in the centre of the city of Bremen, within walking distance of attractive locations for dining, shopping, leisure, and sports.



## University location

The Free Hanseatic City of Bremen is the capital of the federal state of Bremen, the smallest state in Germany, with a population of 684,000 and an area covering 404 square kilometres, located in north-west Germany close to the North Sea coast. As a unique city in which history comes alive and the future is being planned, Bremen is a place of sensual pleasures, including not only things that melt in your mouth, but also countless delights to see and hear.

It is a city of art and culture, parks and gardens, romantic quarters, and elegant shopping malls. Indeed, Bremen has even more to offer: tradition and cosmopolitanism. The people of Bremen are by no means as stiff as they are often said to be. On the contrary, they enjoy celebrating frequently, preferably with guests from abroad who look forward to returning to Bremen as good friends. A city that can look back on a thousand-year history: nowhere is this more evident than on the famous market square, a favourite meeting place for the citizens of Bremen. The statue of Roland is the symbol of civic liberty and freedom in Bremen. In the town hall, the pulse of political life of the Free Hanseatic City still beats. The magnificent renaissance façade and the Bremen Town Musicians just around the corner are world famous.

Trade and shipping have determined the character of the city for centuries and play an essential role in the business life of Bremen and of the Federal Republic of Germany. Bremen is a significant site for the automotive industry, electronics, and nautical science as well as the aviation and aerospace industry, and at the same time a centre of food, drink, and tobacco production. These industries are represented by companies such as Mercedes AG, STN ATLAS Elektronik, Lürssen Werft, EADS Astrium, OHB, Beck's Bier, and Kraft Foods.

Cultural life is characterised by numerous museums and art collections, theatre, ballet, opera, and music.

Bremen is a stronghold of sports such as football (SV Werder), horseback riding, handball, dancing, and cycling, with much-acclaimed international tournaments.

## Contact

### Bremen University of Applied Sciences

Centre for Maritime Studies

Flughafendamm 40  
28199 Bremen

✉ [nautik@hs-bremen.de](mailto:nautik@hs-bremen.de)

🌐 Course website: <https://www.hs-bremen.de/en/study/degree-programme/international-degree-programme-in-ship-management-nautical-sciences-bsc/>  
ISMN Service Center

Tel. +49 42159054857

✉ [Email](#)

📘 <https://www.facebook.com/HSB.HochschuleBremen/>

🌐 <https://www.linkedin.com/in/bremen-navigators-36a981195>

📷 <https://www.instagram.com/nautikbremen/>

Last update 06.05.2024 10:49:06

# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
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## Disclaimer

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry  
of Education  
and Research