Hochschule Bremen
City University of Applied Sciences

ISSM
International Study Course
Ship Management (Nautical Studies)

Information for Interested Applicants

16.07.2019
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1. Study Course and Perspectives
Why study at HSB?

- **Graduation** as B.Sc. possible without STCW certificate!
- High **flexibility** regarding internships and sea training times!
- **English** only – best preparation for international professionals!
- **Bremen** – a lively and modern city with much to offer!
Our Mission

✓ Providing studies in Nautical Sciences!
✓ International focus as guideline of education!
✓ Be a part of interdisciplinary Blue Sciences!
✓ Teaching future professionals for jobs on board and ashore!
✓ Supporting and sustaining the shipping sector worldwide!

Since 1799: School of Navigation in Bremen
What is the aim of ISSM?

- Providing qualifications and competences for students as deck officers at sea
- Academic graduation as Bachelor of Sciences in Ship Management
- Contains the STCW related theory to obtain a Certificate of Competence for deck officers
- Additional academic modules to achieve the BSc.
What is the “CoC” Certificate of Competence?

- Qualifies to sail any seagoing ship greater than 500 GT in international trade!
- After graduation start as Officer Of the Watch / OOW (operational level).
- After 12 months sea service as OOW a CoC as Chief Officer / C/O (management level) will be issued.
- After an additional sea service time of 12 months as C/O or 24 months as OOW, a CoC as Captain will be issued!

The German Administration (flag state authority) provides a Certificate of Competence according to the STCW Table II/1.
The paths to your job at sea or ashore!

(acc. German system)

**Study Course ISSM**
1. – 4. Semester

- Ship Mechanic
  - 12 Months@Sea

2. Semester

- Nautical Off. Ass.
  - 6 Months@Sea

3. Semester

- Other Sea Services
  - nn Months@Sea

4. Semester

- No Experience
  - Not@Sea

5. Semester (Internship)

- Individual use of 5th semester if 12 Months@Sea already achieved

6. Semester

- Nautical Off. Ass.
  - 6 Months@Sea

7. Semester

- Cadet *(Praktikant)*
  - 6 Months@Sea

**STCW Exam and B.Sc. Exam**
(if 12 months@sea are achieved)

- STCW OOW (operational level)
  - 12 Months@Sea as OOW

- STCW C/O (management level)
  - 24 Months@Sea as OOW, or
  - 12 Months@Sea as C/O

- STCW Master

**NOA or Cadet**
(if only 6 months@sea are achieved)

- Only B.Sc. Exam (without STCW)

**Profession in Maritime Industry Ashore**

(Switch from sea to ashore at any time!)

Issued 02/2018
Perspectives for Employment

Great perspectives as mariners!
- Start as a **Mate**
- Become a **Chief Officer**
- Reach the **Master** position
- Become a **Pilot**
Many challenging jobs for graduates with nautical background are available in the shipping industry ashore!

- In shipping companies as superintendents, QSHEE manager, crew manager, ...
- In the energy industry as nautical inspector, traffic controller, project manager, QSHEE manager, ...
- In the maritime software industry as product manager, application developer for maritime solutions;
- In port logistics as surveyor, cargo planner, transportation manager, ....
- In the administration of the flag state, the waterway administration, the safety organisation, water police, coast guard, traffic control, ..
- In maritime education as course lecturer, course developer, training manager, ..
City University of Applied Sciences Bremen (HSB)

It is great to study in Bremen!

Watch the image-video:
http://www.hs-bremen.de/internet/de/hsb/imagefilm/

The City University of Applied Sciences Bremen
- Is located in the vibrating heart of Bremen;
- Thrives on internationality;
- Is home to over 8,500 students of 35,000 students total in Bremen;
- Is open to gender and ethnic diversity!
2. Bachelor of Science and STCW CoC
### 3 Options for Mandatory Sea Service Time to Achieve a STCW Certificate

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<thead>
<tr>
<th>Option</th>
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<th>B</th>
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<td><strong>STCW C/O</strong></td>
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- **Option A**: sea service as NOA or SM completely before the study course → acceptance for 5th semester
- **Option B**: 6 months sea service as NOA before the study course → 6 months sea service as cadet or apprentice (NOA) during 5th semester
# 3 Options for Mandatory Sea Service Time to Achieve a STCW Certificate

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**Option C**: even more flexibility!

Add two semesters of Sea Service during your study programme → either after year 1 or year 2 – the choice is yours!
What You Need to Know:

- **Sea Training Time**
  - **12 months** as apprentice or cadet are mandatory to gain a **STCW CoC**!

- **Berufseingangsprüfung** (BEP=professional entrance exam) in the last semester
  - must have successfully completed all modules in the study programme
  - must have German level of B1 for the exam (only international students)

- If less than **12 months sea training** time (in minimum 6 months)
  - “alternative assessment” is possible to graduate as **Bachelor of Science B.Sc.** to work ashore!
Language Skills

English

- **English Level B1** required to register for the study programme.

- With your progress in the study course your English will be improved!

- After graduation, you automatically gain an **English Level of B2**!

German

- **German Level B1** required to graduate in the study programme (only international students).

- German Level B1 is also necessary to gain a German STCW CoC!

- German Language Courses are regularly offered by HSB.
3. Curriculum
### ISSM Modules as from Winter Term 2019/20

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<td>Watchkeeping</td>
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<td>Transport Law &amp; Claim Handling</td>
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The study programme contains all theory for STCW operational and management level (OOW, C/O, Master). This module sequence starts in winter term 2019/20.
Certificates according to STCW

**Free certificates** included in the study course (B.Sc.) which are necessary for a CoC as OOW (including all theory for management level)

- Medical First Aid and Medical Care
- GOC (General Operator Certificate/GMDSS Radio Operator)
- SSO (Ship Security Officer)
- Tanker Basic Training

The BSH will issue STCW-certificates after graduation including sea service.

Further certificates of proficiency will be issued:

- ECDIS Basic (Electronic Chart Display Information System),
- ECDIS Type Specific (SAM WÄRTSILÄ NACOS Platinum)
- HAZMAT Employees (US) and German Advise for Transportation of Dangerous Goods
- Bridge Resource Management
## Semester schedules 2019/20

### Winter Term 2019/20
(1. semester will start in winter term)

- **Start of lectures:** beginning of October, 07.10.2019
- **End of lectures:** end of January, 31.01.2020
- **Two weeks for assessment:** 03.02.2020 – 14.02.2020
- **15 weeks lectures and 2 weeks Christmas break**

### Summer Term 2020
(advanced students can join every semester)

- **Start of lectures:** beginning of March, 09.03.2020
- **End of lectures:** end of June, 26.06.2020
- **Two weeks for assessment:** 29.06.2020 – 10.07.2020
- **15 weeks lectures and 1 week Easter break**

All professors and lecturers are highly experienced professionals in maritime sciences!

Visiting lecturers for specific modules will broaden your horizons even further!

As a learning environment, the HSB operates
- Two state-of-the-art full-mission Ship Handling Simulators (ship bridges) with a 270° perspective;
- ECDIS- and Radar Simulators;
- a Ship Engine Simulator;
- a Liquid Cargo Simulator;
- a Telecommunication Laboratory;
- Weather routing software;
- Planetarium

In-depth practical experience in simulators are included in the study course!
4. Sea Service Times
Which internships/trainings will be accepted?

1) Ship Mechanics:
   - The sea service time will be fully accepted for the practical semester based on the education certificate (*Schiffsmechanikerbrief*).

2) Nautical Officer Assistants (NOA):
   - The contract is coordinated by BBS (*Berufsbildungsstelle See, Bremen*) [http://www.berufsbildung-see.de](http://www.berufsbildung-see.de).
   - BBS will check the training on board and will give an acceptance letter which must be provided to the university.
   - No student status during training!
   - **To start a training as NOA before the study programme is highly recommended!**

3) Cadet (Internship):
   - This option is only possible, if you have already been accepted for the study programme!
   - The contract is to be signed by the cadet, shipping company and HSB (internship coordinator).
   - The sea service will be accepted by the university on the basis of the TRB (Training Record Book).
   - The sea service time has to be completed on a merchant seagoing vessel greater than 500 GT in international trade.
   - Experience on cruise vessels can only be accounted for 6 months maximum!
   - Exceptions for short times are possible (e.g. up to 3 weeks with River or Port Pilots).
Acceptance of other sea service times

Acceptance of other Sea Service Times:
All other sea service times or international certificates have to be accepted by the BSH (German Flag State Authority):

**Bundesamt für Seeschifffahrt und Hydrographie (BSH)** Bernhard-Nocht-Str. 78
20359 Hamburg

http://www.bsh.de/de/Schifffahrt/Berufsschifffahrt/Zeugnisse_fuer_Seeleute/index.jsp

Mrs Ulrike Münster
+49 (40) 3190 – 7121
ulrike.muenster@bsh.de

A Training Record Book should be used as evidence!

Further information concerning education and competences via the official website “**Deutsche Flagge**”

http://www.deutsche-flagge.de/de/befaehigung

Required documents by the BSH:

- ✔ Personal data sheet / curriculum vita with educational and professional background;
- ✔ Evidence about sea service times for times of training and as officer of the watch (OOW);
- ✔ Evidence about theoretical education (duration, content, final document/diploma etc.).
How to find internships:

Verband Deutscher Reeder
Burchardstraße 24
20095 Hamburg
http://ausbildung.reederverband.de/wege-in-die-seefahrt.html

Bremer Rhederverein
Bahnhofstraße 28-31
28195 Bremen
http://www.rhederverein.de/mitglieder.html
The members of the Bremer Rhederverein promises 30 places for training per year!

Berufsbildungsstelle Seeschifffahrt e.V.
Buschhöhe 8
28357 Bremen
http://www.berufsbildung-see.de/tipps_bewerbungen.html

ISSM Service Center
Werderstraße 73
28199 Bremen
Room B 317
E-Mail: issm.service@hs-Bremen.de

Further help will provided by the university
Don’t worry!
5. Application
How to apply for ISSM:

The process of application is explained on the homepage of the University of Applied Sciences Bremen:


Application Periods:


Entry requirements:
A higher education certificate or technical college maturity is required (Abitur / Fachabitur). The education certificates have to be provided as evidence.

The B1-level in English is required.
A German Fachabitur/ Abitur may serve as the equivalent.

International students have to apply via Uni-Assist (http://www.uni-assist.de/index_en.html) which will check the entry qualification.
If successfully passed, the student’s application will be transferred to the HSB automatically.

If you have any further questions, please contact the ISSM Service Center:
issm.service@hs-Bremen.de
Application for Refugees

The state of Bremen supports refugees who would like to study in Bremen.
A contact office is available to support refugees in questions of pre-qualification and application.
https://www.bremer-wissen.de/en/study/informieren/university-for-refugees/
Semester Fees

A fee has to be paid per semester which includes the semester ticket (free rides on all public transportation) and fees for the university and students’ administration.

Typically, the fee is around 300€ per semester.

Details can be checked via the webpage of the HSB:


The excursion “Applied Seamanship” on the Training Ship requires a contribution fee of about 250 € from every student in the first semester.
“To reach a port we must set sail –
Sail, not tie at anchor
Sail, not drift.”

Franklin D. Roosevelt