



# Life Sciences International Semester

**BIOTECHNOLOGY AND  
ENVIRONMENTAL ENGINEERING  
IN TECHNICAL LIFE SCIENCES [BEETLS]**

**Study Abroad in Hamburg  
Get more for your credit points.**

**HOCHSCHULE FÜR ANGEWANDTE  
WISSENSCHAFTEN HAMBURG**  
Hamburg University of Applied Sciences  
Faculty Life Sciences  
[www.haw-hamburg.de/lis](http://www.haw-hamburg.de/lis)

## **Welcome to Hamburg City on the water**

In the North of Germany, in the heart of Europe - Hamburg is Germany's second largest city (1.8 million inhabitants) and offers our excellent quality of life and international flair. If you like to spend your leisure time outdoors, you will love Europe's »greenest« city with its large lake and numerous parks in the centre of town. You will also find culture in all its variations as demands a major city -

theatre, museums, exhibitions as well as music in concerts or in clubs. Hamburg is an international harbour city and a great place to live and study. Make it your gateway to the world.

„The forms of classes are more diverse than at my home university. You have lectures, projects, tutorials or workshops“ Geertje Meyer, NL



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## Summer semester programmes in English

### Environmental Quantification and Analysis

(undergraduates)

	ECTS-Credits
Applied Hydrobiology and Ecotoxicology	5
Downstream Processing of Natural Products	9
Feedback Control Systems	5
Instrumental Analytics*	5
Mathematics 3	2,5
Pharmaceutical Toxicology	5
Project Management for Engineers	5
Renewable Energies Fuel Cells	2,5
Renewable Energies Photovoltaics	3,5

\* limited number of participants

\*\* class partly in German

### Renewable Energy Systems

(graduates) \*\*

	ECTS-Credits
Advanced Control systems with Lab	5
Biofuels	5
Energy Conversion and Distribution **	5
Energy Policy & Finance	5
Fuel Cells and Batteries	2,5
Power Electronics and Grids	2,5
Solar Cells	2,5
Wind Energy 2-	2,5
Wind and Solar Projects	2,5
German language course, 30 hrs	3
German language course, 45 hrs	4

## Who to contact

Student Exchange Coordinator  
ls-international@haw-hamburg.de

Location Campus Bergedorf  
Hamburg University of Applied Sciences  
Faculty of Life Sciences  
Ulmenliet 20  
21033 Hamburg

Postal address  
Hamburg University of Applied Sciences  
Faculty of Life Sciences  
P.O. Box 10 03 61  
20002 Hamburg

## How to apply

Partner universities will receive a link for the online-nomination of their students. Free-movers should contact

ls-international@haw-hamburg.de to enquire how to proceed.

Deadline: 30<sup>th</sup> of April (for the winter semester)  
30<sup>th</sup> of October (for the summer semester)

## Important links for guest students

[www.haw-hamburg.de/en/international/studying-abroad/](http://www.haw-hamburg.de/en/international/studying-abroad/)



[HAW HamburgStudyAbroad](https://www.facebook.com/HAWHamburgStudyAbroad)



[hawinternational](https://www.instagram.com/hawinternational)

## Didactic concept

The HAW Hamburg being an applied science university has a long standing tradition of using practical and interactive teaching methods. Taking into account the diverse cultural and professional backgrounds of the international students, the professors and academic staff of the HAW are committed to a participatory learning atmosphere. Students are expected to learn through both directed and self-directed study. The timetable of formal teaching will be supplemented by practical application in the form of a group or project work and/or laboratory test which each student will be required to develop using the methods and concepts learned during the course. The teaching programme is structured to accommodate a range of learning experiences through:

- Interactive lectures providing a broad introduction to a subject and referring to relevant literature and offering guidance on further inquiry;
- Group work and workshops enabling an in-depth analysis of selected topics and also the learning of different soft skills;
- Seminars and plenary discussions activating students to share their ideas and experience in order to deepen the understanding of concepts and theories;
- Case studies and project-based learning promoting the development of skills particularly relevant for the workplace.