

Life Sciences International Semester

**INDUSTRIAL ENGINEERING
AND MANAGEMENT**

**Looking for a combination of
business and engineering**

**HOCHSCHULE FÜR ANGEWANDTE
WISSENSCHAFTEN HAMBURG**
Hamburg University of Applied Sciences
Faculty Life Sciences
www.haw-hamburg.de/lis

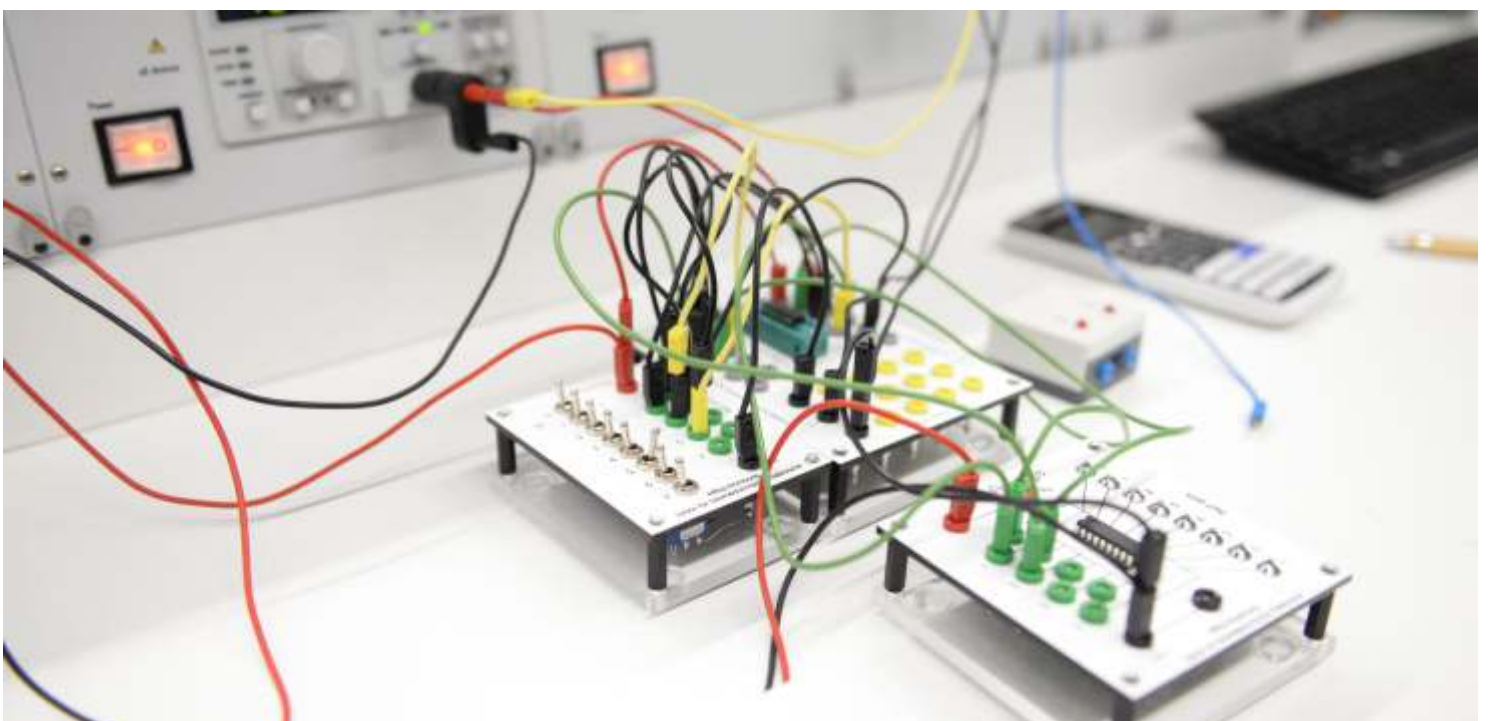
Welcome to Hamburg City on the water

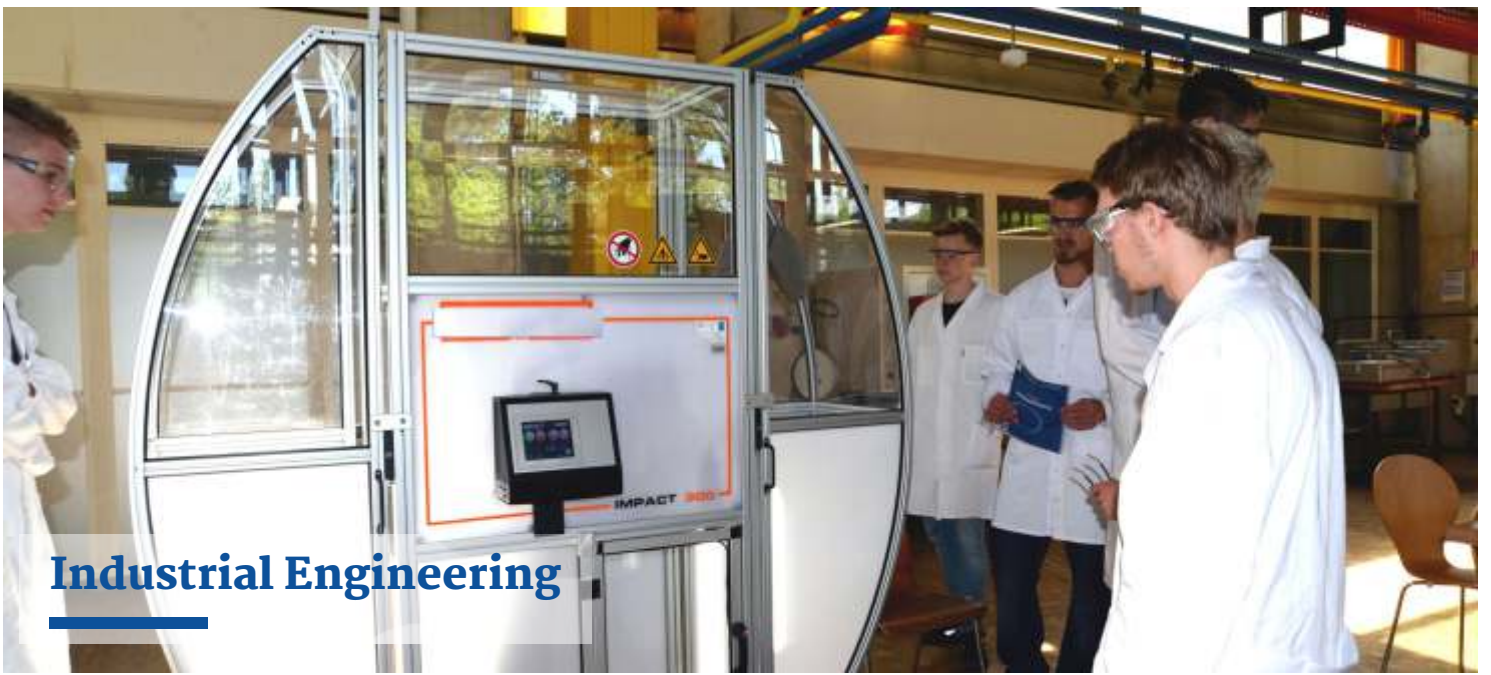
In the North of Germany, in the heart of Europe - Hamburg is Germany's second largest city (1.8 million inhabitants) and offers our excellent quality of life and international flair. If you like to spend your leisure time outdoors, you will love Europe's »greenest« city with its large lake and numerous 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.

»Life in Hamburg is very comfortable and everyone is very friendly«

Cheuk Ho Yuen & Wai Lun Tsui





Industrial Engineering

Summer semester programmes in English

Experience the cooperative studies in Industrial Engineering collaboratively offered by Hamburg University, Hamburg University of Applied Sciences, Hamburg Technical University (undergraduate only) and Helmut-Schmidt-University (graduate only). Each University offers special subjects and majors educating students as well technically as economically.

In the offered programme part by the HAW Hamburg students will be able to study a selection of fundamental and extended engineering subjects for undergraduate and graduate studies.

| | ECTS-Credits | | ECTS-Credits |
|---|--------------|----------------------------------|--------------|
| Electrical Engineering 1 | 5 | Project Management for Engineers | 5 |
| Electrical Engineering 2 | 5 | Mathematics 3 | 3 |
| Embedded Systems 1 - Basic | 2 | Human Resource Management | 5 |
| Embedded Systems 2 - Software Engineering | 2 | German Food and Culture* | 5 |
| Embedded Systems 3 - Specialisation in Embedded Systems | 3 | German language course, 30 hrs | 3 |
| Material Science 2 | 3 | German language course, 45 hrs | 4 |
| Material Science 3 | 2 | *max 20 participants | |

Who to contact

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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: 30th of April (for the winter semester)
30th of October (for the summer semester)

Important links for guest students

www.haw-hamburg.de/english/studyabroad/programmes-in-english.html



HAW HamburgStudyAbroad



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.