

FACULTY OF ENGINEERING
AND COMPUTER SCIENCE

Study as a Guest Student

**Lose your heart to Hamburg.
Gateway to the world. And to new horizons.**

HOCHSCHULE FÜR ANGEWANDTE
WISSENSCHAFTEN HAMBURG
Hamburg University of Applied Sciences

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 an excellent quality of life and international flair. If you want to spend your leisure time outdoors, you will love Europe's „greenest“ city with its rivers, Alster and Elbe, canals and numerous parks in the centre of the town. You will also find culture in all its variations as demands a major city – theatres, 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.**

HAW HAMBURG UNIVERSITY OF APPLIED SCIENCES

- Applied Research in the main fields of Engineering Science
- Close cooperation with industry
- Interdisciplinary projects, small group teachings and academic support ensure that our students feel at home

**“The best thing about
study abroad are the people”**

Lucy Kellow & Samantha Beasley

STUDYING AT HAW HAMBURG

One of Germany's largest universities of applied sciences with over 16.500 students, including approx. 2.300 foreign students.

- International orientation (partnerships with more than 140 universities around the world)
- Modern, public university
- Practice-oriented degree with relevance to commercial enterprises

INTERNATIONAL SEMESTER

We offer English lectures in the areas of

- Information Engineering
- Aeronautical Engineering
- Automotive Engineering
- Mechanical Engineering
- Computer Science



“Life in Hamburg is very comfortable and everyone is very friendly”
 Cheuk Ho Yuen & Wai Lun Tsui

PROGRAMMES IN ENGLISH

INFORMATION ENGINEERING (BACHELOR)

WINTER SEMESTER

Mathematics 1	8 CP
Software Construction 1	7 CP
Electrical Engineering 1	6 CP
German	4 CP
Learning and Study Methods	4 CP
Signals and Systems 1	6 CP
Algorithms and Data Structures	6 CP
Digital Circuits	6 CP
Electronics 2	7 CP
Economics & Management	6 CP
Scientific and Project work	4 CP
Elective Course 1+2	5 CP
Elective Project 2	5 CP

SUMMER SEMESTER

Mathematics 2	8 CP
Software Constructions 2	6 CP
Electrical Engineering 2	6 CP
Electronics 1	6 CP
Intercultural Competence	3 CP
Learning and Study Methods 2	2 CP
Signals and Systems 2	6 CP
Software Engineering	6 CP
Microcontrollers	7 CP
Digital Systems 1	6 CP
Databases	6 CP
Bus Systems and Sensors	6 CP
Operating Systems	6 CP
Digital Signal Processing	6 CP
Digital Communication Systems	6 CP
Elective Project 1	5 CP

COMPUTER SCIENCE (BACHELOR)

SUMMER SEMESTER

Databases	6 CP
Elective Modules (e.g. Computer Graphics, Data Science, ...)	6 CP each
Elective Project	6 CP
Operating Systems	6 CP
Seminar (Bachelor)	3 CP
Software Construction 2	6 CP

MECHANICAL ENGINEERING (BACHELOR/MASTER)

WINTER SEMESTER

Computational Acoustics	M	5 CP
International Supply Chain Management	M	5 CP

SUMMER SEMESTER

Energy Systems	B	5 CP
Finite Elements	B	6 CP
Machine Cutting Technology	B	5 CP
Systematic Product Development	B	5 CP
Technical Thermodynamics 1	B	5 CP
Control Systems and Sensor Systems	M	5 CP
Electrochemical Energyconversion / Fuel Cell Systems	M	5 CP
Global Customer Processes	M	5 CP

AERONAUTICAL ENGINEERING (BACHELOR)

SUMMER SEMESTER

Aircraft Design	4 CP
Aircraft Engines	5 CP
Aircraft Systems	4 CP
Architecture of the Aircraft Cabin	5 CP
Electrical Aircraft Cabin Systems	6 CP
Mechanical Aircraft Cabin Systems	6 CP
Aeronautical Engineering – Individual Project	8 CP
Aeronautical Engineering Design – Team Project	5 CP

AUTOMOTIVE ENGINEERING (BACHELOR)

SUMMER SEMESTER

Introduction to Body in White Design	5 CP
Introduction to Commercial Vehicle Design	5 CP
Introduction to Vehicle Dynamics	5 CP
Drive Train Design	5 CP
Engineering Design Team Project	5 CP
Automotive Engineering Research Project	8 CP

Please note that this programme is subject to changes.

HOW TO APPLY

Partner universities will receive a link for the nomination. As soon as the students are nominated, they will receive an automatic email from “Mobility Online”, our online application system.

PLEASE CONTACT US

MAIKE K. LEMPKA
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 ti-international@haw-hamburg.de

INTERNATIONAL OFFICE
 studyabroad@haw-hamburg.de

ADDRESS

HAW HAMBURG UNIVERSITY OF APPLIED SCIENCES
 Faculty of Engineering and Computer Science
 Berliner Tor 7
 20099 Hamburg
 Germany



**HAW-HAMBURG.DE/
 STUDYABROAD**

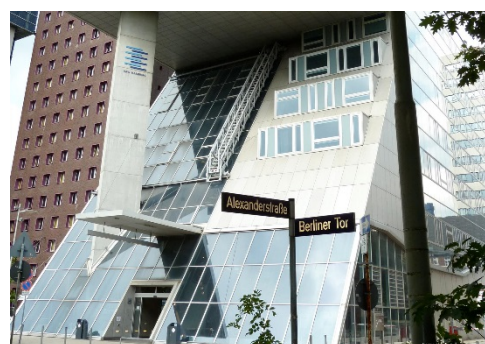


General Information

Name of The Institution:	Hamburg University of Applied Sciences (HAW Hamburg)
ERASMUS+ Code	D HAMBURG 06
Institution's Website:	www.haw-hamburg.de/english
Information for Exchange Students:	www.haw-hamburg.de/studyabroad
General eMail Address of International Office:	studyabroad@haw-hamburg.de
General Telephone Number :	+49 40 428 75 9834
Postal and Visiting Address of International Office:	Hamburg University of Applied Sciences International Office Stiftstrasse 69 20099 Hamburg Germany
Find Us on Facebook:	https://www.facebook.com/HAWHamburgStudyAbroad
Head of International Office:	Martina Schulze

Nomination and Application

Nomination for an Exchange Student at the HAW Hamburg:	The coordinators need to nominate their student via our online application system "Mobility Online" (MO). The nomination link will be sent to all partner universities at the start of the application period (March and September). As there might be changes in the application process from one semester to the next students can get nominated only for one semester in advance. We kindly request to nominate students in strict accordance with the departments defined in the existing partnership agreements.
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Application Period:	For Winter Semester: 1st March – 30th April For Summer Semester: 1st September – 30th October
Application for an Exchange Student at the HAW Hamburg:	The nominated students will automatically receive a registration link by eMail to upload the required documents (see below) and complete their application in MO.

List of the Required Application Documents:	<p>For applicants from Partner Universities:</p> <ul style="list-style-type: none"> • HAW Hamburg online application form • Confirmation of health insurance (see Health Insurance below) • Transcript of records from the home university • List of courses to be taken in Hamburg (preliminary Learning Agreement) • Language certificate (see Language of Instruction below) • Design students should also send a portfolio of their work in pdf format.
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Application Deadline:	<p>Winter Semester: 30th April Summer Semester: 30th October</p>
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Approval/Rejection:	<p>Shortly after the application deadline your student will be informed if he/she has been accepted for an exchange semester at HAW Hamburg.</p>
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Obligatory Semester Contribution:	<p>After receiving the approval the student has to transfer the semester contribution of about € 290 in June (for the summer semester) or December (for the winter semester).</p> <p>This fee covers the ticket for the public transport in the Hamburg area and the contribution to the students' union. An exemption from the semester contribution is unfortunately not possible. The amount may vary each semester.</p>
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Information for Incoming Exchange Students

Academic Calendar:	<p>Summer Semester: 11th March 2019 – 15th July 2019 Winter Semester: 16th September 2018 – 31st January 2020</p>
Welcome Weeks:	<p>Summer Semester: 4th – 10th March 2019 Winter Semester: 4rd – 15th September 2019</p>
Language of Instruction:	<p>German and English, depending on the degree programme. For further details please visit the programmes website given below. Students choosing classes in German should provide a German language certificate. Students who are choosing classes in English but their native language is not English should provide an English language certificate as well. The requested language level is at least B1 but we recommend B2 (according to CERFL).</p> <p>At the faculty of Life Sciences lectures in English language are offered only in the summer semester.</p>
Choice of Programmes:	<p>In English: https://www.haw-hamburg.de/english/studyabroad/programmes-in-english.html In German: https://www.haw-hamburg.de/english/studyabroad/programmes-in-german.html</p>
Selecting Courses from Different Departments:	<p>Students generally must choose classes from the department they have been nominated for. Exceptions require the explicit approval of your Student Exchange Coordinator at HAW Hamburg.</p>
Number of Credit Points per Semester:	30 ECTS
Buddy Programme:	<p>International “weBuddy” Programme: https://www.haw-hamburg.de/english/studyabroad/campus-services/webuddy-programme.html</p>

Living in Hamburg	
Housing for Exchange Students:	We have a limited number of rooms and shared apartments in halls of residences run by Studierendewerk.
How to Apply for Housing:	The housing application is part of the general application process via MO.
Approximate Monthly Costs (Euro) for: <ul style="list-style-type: none"> • Accommodation • Living costs • Health insurance • Residence permit • Study Materials / Books • Transport 	<ul style="list-style-type: none"> • 300 – 600 €/Month • 200 – 350 €/Month • up to 95 €/Month (German statutory health insurance) • up to 100 €/Semester • 0 – 50 €/Semester • 289 €/Semester (student's semester ticket for the public transport in the Hamburg area)
Health Insurance:	Non-EU students generally have to register for a German statutory health insurance. This registration is part of the application process. Students from Turkey are exempted from this health insurance if they upload the AT11 form from their home insurance company. Students from EU-countries need to upload a copy of their European Health Insurance Card during the application and carry their original card with them when they come to Hamburg.
Money:	Currency: Euro (€). Students are recommended to open a German Bank account in order to pay their rent, health insurance, etc. and get money from the ATM cash machine. Small sums are generally paid with cash. Paying with a credit card is not possible everywhere.
Information for Students with Special Needs:	http://www.haw-hamburg.de/english/international-degree-students/counselling-support.html
Nearest Airport:	Hamburg International Airport



Contact	
Contact person(s) for Courses and Lectures:	Faculty Student Exchange Coordinators
<ul style="list-style-type: none"> Faculty of Engineering and Computer Sciences 	Maike Lempka +49 40 428 75 8313 TI-International@aw-hamburg.de Berliner Tor 7, Room 12.03 20099 Hamburg
<ul style="list-style-type: none"> Faculty of Life Sciences 	Astrid von der Heide +49 40 428 75 6398 LS-International@haw-hamburg.de Ulmenliet 20, Room 017.a 21033 Hamburg
<ul style="list-style-type: none"> Faculty of Design, Media and Information 	Jenny Kahler +49 40 428 75 4664 DMI-International@haw-hamburg.de Finkenau 35, Room 4.024 22081 Hamburg
<ul style="list-style-type: none"> Faculty of Business and Social Sciences 	Lea Andres +49 40 428 75 6975 lea.andres@haw-hamburg.de Berliner Tor 5, Room 9.28 20099 Hamburg
Contact Person(s) for Enrolment, Health Insurance, Residence Halls, and weBuddy programme:	Mariana Müller studyabroad@haw-hamburg.de +49 40 428 75 9834 International Office Stiftstrasse 69, Room 116 20099 Hamburg