

## International partnerships

Helmut-Schmidt-Universität/Universität der Bundeswehr Hamburg (HSU/UniBw Hamburg) partners with universities and institutions of higher education around the world. Studying abroad gives our students the opportunity to gain new perspectives and to thus broaden their horizons and continue their personal growth. Students can choose from more than 50 partner universities.

Among other things, our University offers exchange programmes with institutions of higher education in Australia, Austria, Belgium, Brazil, Canada, the Czech Republic, Finland, France, the UK, Greece, Hungary, Iceland, Israel, Kazakhstan, Latvia, Lithuania, Norway, Poland, Portugal, Romania, Slovakia, South Africa, Sweden, Switzerland, Turkey, and the US.

Our University was awarded the certificate for participation in the German Rectors' Conference (HRK) audit compact „Internationalisation of Universities“ in 2023. This represents a milestone in the strategic orientation of the university's internationalisation.

### Student Exchanges (Academic Year 2021/2022)

Outgoing	58
Incoming	52

## Research

The high technical standards of our laboratories and our well-stocked libraries are just some examples of the excellent research conditions we offer researchers. HSU/UniBw Hamburg has close ties to other universities, non-university research institutions and industry in the city of Hamburg and its metropolitan area. Our University is involved in two of the four Hamburg clusters of excellence: "Climate, Climatic Change, and Society" and "Understanding Written Artefacts". HSU/UniBw Hamburg also coordinates the research groups of the German Research Foundation (DFG) on "Needs-Based Justice and Distribution Procedures" and on "Ultrasonic Monitoring of Fibre Metal Laminates Using Integrated Sensors". In cooperation with Helmholtz and its DESY research centre, HSU/UniBw Hamburg also promotes postgraduate education through the Data Science in Hamburg Helmholtz Graduate School for the Structure of Matter (DASHH). The Bundeswehr Centre for Digitalisation and Technology Research (dtec.bw) provides our University with comprehensive expertise in the field of digital technologies and their transformative impact on work and society. Through its involvement in dtec.bw, HSU/UniBw Hamburg, as a science campus of the German Federation, pursues interdisciplinary research and development in key technology fields of digitalisation and in cooperation with partners from the private sector and society.

## Study programmes

HSU/UniBw Hamburg is the first university in Germany to offer accredited intensive study programmes for all undergraduate courses. We currently offer 38 study programmes, including five postgraduate study programmes. A bachelor's degree can be achieved in seven trimesters, while a master's degree takes another five trimesters. The maximum period of study for a bachelor's and a consecutive master's programme should not exceed four years. The specialised study programmes are interconnected and complemented by interdisciplinary studies, which are compulsory elective modules that teach general professional as well as interdisciplinary and methodological skills. Students must also complete mandatory language training and professional internships. Classes are taught in small groups of usually no more than 25 students

## Postgraduate courses

The Centre for Postgraduate Education (ZWW) organises external academic postgraduate training. It develops and offers high-quality certification modules and postgraduate degree programmes with a focus on the public sector in order to honour the University's commitment to provide continuing education in accordance with the Hamburg Higher Education Act. The Centre also makes an essential contribution to the further development of HSU/UniBw Hamburg as an internationally oriented academic partner of the German Federation in terms of personnel development and lifelong learning.

Postgraduate Courses	Stud.	Proportion of women
Military Leadership and International Security (pg MA)	279	7.9 %
Civil-Military Interaction (pg MA)	61	21.3 %
Leadership in Medicine (pg MA, MSc)	49	38.8 %
Leadership in Fiscal Management (pg MA)	9	33.3 %
Intern. Procurement Cooperation (pg MPA)	19	15.8 %
<b>Total</b>	<b>417</b>	<b>14.4 %</b>
International	75	

## Property Administration

Total area of campus (m <sup>2</sup> )	405,490
Number of buildings	58
Number of lecture/office buildings	14
Number of lecture halls and seminar rooms	40
Number of office rooms	715
Living quarters	2,629

# 2022

# FACTS AND FIGURES

## Majors

Faculties	Majors
Electrical Engineering (EE)	Computer Aided Engineering (MSc) Electrical Engineering and Information Technology (BSc) Electrical Power Engineering (MSc) Engineering Science (BSc) Engineering Science: Defence Systems (MSc) Industrial Engineering (BSc, MSc) Information Technology (MSc) Renewable Energies and Smart Grids (MSc)
Humanities and Social Sciences (HS)	Education and Educational Science (BA, MA) History (BA, MA) Psychology (BSc, MSc)
Mechanical and Civil Engineering (ME)	Automotive Engineering (MSc) Civil Engineering (BSc, MSc) Energy- and Environmental Technology (MSc) Mechanical Engineering (BSc) Mechatronics (MSc) Product Development and Logistics (MSc)
Economic and Social Sciences (ES)	Business Administration (BSc, MSc) Comparative Democracy Research (MA) Economics (BSc, MSc) International Relations (MA) Law and Public Administrations (LL B) Logistics (BSc, MSc) Political Science (BA) Public Procurement and Contract Law (LL M)

## Study and Teaching

Faculties	Students	
	Total	Proportion of women
EE	221	11.7 %
HS	849	31.1 %
ME	273	11.8 %
ES	948	17.5 %
<b>Total</b>	<b>2,291</b>	<b>21.4 %</b>
International	45	

### Success Rate (Bachelor's Degree)

First-year students (class of 2018)	588
Graduated students (class of 2018)	413
Success rate (as of november 2022)	70 %

Success Rate (Master's Degree)	
First-year students (class of 2017)	490
Graduated students (class of 2017)	447
Success rate (as of november 2022)	91 %

### PhD Degrees and Habilitations (Calendar Year 2022)

PhD degrees	39
Postdoctoral lecturer qualification	1

## Staff

University Staff	Members <sup>1</sup>
Academic staff <sup>2</sup>	663
Non-academic staff	503
of which: Faculties	82
Military department <sup>3</sup>	98
Central units (CU)	87
Central administration	178
Library	30
Principal's staff	23
Other	5
Trainees	25
<b>Total</b>	<b>1,191</b>

<sup>1</sup> Headcounts as of 1 December 2022

<sup>2</sup> Of these 162 are scientific employees in dtcc.bw-projects.

<sup>3</sup> Military Leaders and student services and support

## Academic Staff<sup>1,2</sup>

Faculties	Professors	Academic Staff	Assistants
EE	13	87	1
HS	32	139	1
ME	27	166	3
ES	43	135	4
<b>Total</b>	<b>115</b>	<b>527</b>	<b>9</b>

<sup>1</sup> Headcounts as of 1 December 2022

<sup>2</sup> Including scientific employees and scientific military officers and scientific civil servants.

### Appointments (Calendar Year 2022)

An offer of professorship from HSU accepted	9
An offer of professorship from other universities received	4
An offer of professorship to other universities accepted	2

## Funding

Spending <sup>1</sup> (Fiscal Year 2022)	Euro
Personnel costs	60,819,253
Material expenses	6,437,868
Real estate costs <sup>2</sup>	55,276,267
Capital expenditure	10,695,764
IT-costs	1,134,622
<b>Total</b>	<b>134,363,774</b>

<sup>1</sup> Without dtcc.bw

<sup>2</sup> Including rental and leasing charges (39,090,617 Euro)

## Third-Party Funds

External Funded Staff <sup>1</sup>	
Academic staff	168
Other staff	4
<b>Total</b>	<b>172</b>

<sup>1</sup> Third-party funded personnel, as far as included in the university's budget (headcount)

Spending by Sponsors (Fiscal Year 2022)	Euro
DFG German Research Foundation	1,930,541
Federal Ministry of Defence	3,178,614
Federal Ministry of Education and Research	996,310
Other federal ministries	5,372,638
Federal authorities	154,381
European Union	393,866
Federal state ministries and authorities	1,958,342
Contract research	1,419,122
Other public organisations	298,581
Foundations	178,157
<b>Total</b>	<b>15,880,554</b>

Spending by Faculties and CU (Fiscal Year 2022)	Euro
EE	4,299,484
HS	1,515,730
ME	7,129,297
ES	1,443,300
ZtB	22,928
ZWW	256,160
Other	1,213,655
<b>Total</b>	<b>15,880,554</b>