COURSE CATALOGUE FOR INTERNATIONAL EXCHANGE STUDENTS

FACULTY OF ECONOMICS & MEDIA
SOMMER SEMESTER 2027

Founded in 1848 by Carl Remigius Fresenius, and with its roots in the Fresenius Chemical Laboratory, Hochschule Fresenius, University of Applied Sciences can look back on an over 175-year-old tradition in privately funded education in Germany. True to the intent of its founder, it combines teaching, research, and practical application. The name Fresenius stands for practically oriented teaching closely linked to applied research and development.

Hochschule Fresenius blends tradition with innovation. Digital transformation, demographic change or skills shortages: we know what makes people, societies and economies tick. We are constantly developing our study programs to train the next generation of specialists and managers. Join us and help shape the future with your specialist skills, creativity, agility and empathy.

We offer our English-taught programs in our various campuses throughout Germany: **Berlin, Cologne, Düsseldorf, Hamburg, and Munich.**

Throughout our different schools, you will find a broad range of exciting and future-oriented courses. If you or your home university need detailed course descriptions of certain courses, don't hesitate to contact us. **Make sure to choose courses relevant to your academic background and consult your home coordinator before applying. We recommend that you apply for courses from one study program or even the same semester to avoid clashes in the timetable.** Please note that participation in a course cannot be guaranteed beforehand. If you are interested in German-taught courses, please visit www.hs-fresenius.de or contact the International Office (international@hs-fresenius.de).

BACHELOR'S STUDY PROGRAMS TAUGHT IN ENGLISH

- **INTERNATIONAL BUSINESS MANAGEMENT (B.A.)** → Berlin, Cologne, Düsseldorf, Hamburg, Munich
- **ENGINEERING (B.ENG./B.SC.)** → Cologne*
- **COMPUTER SCIENCE (B.SC.)** → Cologne

+ INDIVIDUAL ENGLISH-TAUGHT COURSES FROM VARIOUS STUDY PROGRAMS → Berlin, Cologne, Düsseldorf, Hamburg, Munich

MASTER'S STUDY PROGRAMS TAUGHT IN ENGLISH

- **BUSINESS ADMINISTRATION (MBA)** → Cologne
- **COMPUTER SCIENCE (M.SC.)** → Berlin, Cologne
- **E-COMMERCE & LOGISTICS (M.SC.)** → Cologne
- **INDUSTRIAL ENGINEERING AND INTERNATIONAL MANAGEMENT (MIEIM) (M.SC.)** → Berlin, Cologne
- **INTERNATIONAL BUSINESS MANAGEMENT (M.SC.)** → Berlin, Cologne, Munich
- **INTERNATIONAL BUSINESS MANAGEMENT (MiBuMe) (M.SC.)** → Cologne
- **INTERNATIONAL MANAGEMENT (MIM) (M.A.)** → Berlin, Cologne
- **LUXURY MANAGEMENT (M.SC.)** → Cologne, Munich
- **MARKETING & BRAND MANAGEMENT (M.SC.)** → Berlin, Cologne
- **MEDIA ECONOMICS, DIGITAL COMMERCE & LOGISTICS (MeCloge) (M.SC.)** → Cologne

+ INDIVIDUAL ENGLISH-TAUGHT COURSES FROM VARIOUS STUDY PROGRAMS → Berlin, Cologne, Düsseldorf, Hamburg, Munich

** Subject to confirmation*

INTERNATIONAL BUSINESS MANAGEMENT (B.A.)

Berlin, Cologne, Düsseldorf, Hamburg, Munich

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester (Berlin, Cologne, Düsseldorf, Hamburg*)				
B-IBM 1.1	International Business and Strategic Management	1	5	4
B-IBM 1.2	Bookkeeping and Cost Accounting	1	5	2
B-IBM 1.3	Mathematics and Statistics I	1	5	4
B-IBM 1.3.1	*Calculus and Linear Algebra*			
B-IBM 1.3.2	*Descriptive Statistics*			
B-IBM 1.4	Marketing, Social Media Marketing and E-Commerce	1	5	4
B-IBM 1.5	Career Prep I: Business Communication in English	1	5	4
B-IBM 1.7	Acad. Writing; Self+Time Management; Presentation Techniques	1	5	2
2nd Semester (Cologne)				
B-IBM 2.1	Financing and Investment Appraisal	2	5	4
B-IBM 2.2	Mathematics and Statistics II	2	5	4
B-IBM 2.2.1	*Financial Mathematics*			
B-IBM 2.2.2	*Inferential Statistics*			
B-IBM 2.3	Microeconomics	2	5	4
B-IBM 2.5	Market Research and Empirical Research Methods	2	5	4
B-IBM 2.4	Diversity, Equity, and Inclusion in Human Resource Management	2	5	4
B-IBM 2.6	Digital Project Management and Practical Project	2	5	3
3rd Semester (Cologne, Düsseldorf, Hamburg, Munich)				
B-IBM 3.1	Financial Accounting	3	5	4
B-IBM 3.2	Macroeconomics	3	5	4
B-IBM 3.3	Digital Transformation and Change Management	3	5	4
B-IBM 3.4	International Business Ethics & Sustainability	3	5	2
B-IBM 3.5	Data Science & Data Analytics	3	5	1
B-IBM 3.6	Advanced Practical Project	3	5	4
6th Semester (Berlin, Cologne, Munich)				
B-IBM 1.5	Global Supply Chain Management and Logistics	6	5	2
B-IBM 3.6	Management Game	6	5	4
B-IBM 6.6	Strategic Networking and Personal Branding	6	3	2
B-IBM 3.5	Entrepreneurship and Innovation Management	6	5	3

** Subject to confirmation. Semesters 4 and 5 (Cologne, PO 24) may also be available.*
Hamburg: Semester 1 is subject to confirmation.
Note: Semesters 1–3 follow PO 24. Semester 6 follows PO 20

COMPUTER SCIENCE (B.SC.)
Cologne

Available semesters: 2 and 4

Code	Course	Semester	Credits	Teaching Units/week
2nd Semester (Cologne)				
	AI Applications	2	5	2
	Mathematics for Computer Science and Statistics II	2	5	
	Mathematics for Computer Science	2	5	2
B-IBM 2.2.2	*Inferential Statistics*	2		2
	Operating Systems and Computer Architectures	2	5	3
	Programming with Java	2	5	3
B-IBM 2.5	Market Research and Empirical Research Methods	2	5	4
B-IBM 2.6	Digital Project Management and Practical Project	2	5	3
4th Semester (Cologne)				
B-IBM-S	Specialization I: Data Science and Artificial Intelligence	4	10	5
	Software Engineering	4	5	3
B-IBM-RS 1	International and Intercultural Studies	4	5	0

INDIVIDUAL ENGLISH-TAUGHT COURSES FROM VARIOUS STUDY PROGRAMS (Bachelor's level)

Berlin, Cologne, Düsseldorf, Hamburg, Munich

Code	Course	Semester	Credits	Teaching Units/Week	Campus
B-BS-1	Business Communication (Business Language Issues & Conversation and Presentation)	1 or 3	5	4	All campuses
B-GV-11	International and Intercultural Management	4	5	4	All campuses
B-BW-SP-3.1	Strategic und Functional Management in International Companies	4/5	5	4	Only Cologne (to be approved)
B-BW-SP-3.2	Applied International Strategic Management	4/5	5	4	
B-BW-SP-3.3	International Economic Relations	4/5	5	4	

Hamburg — additional English-taught modules:

SP International Management (Module Handbook BW) — Specialization within the Business Administration program. Various semesters.

Business Communication (W&M — Conversation and Presentation & Business Language Issues) — Semester 1 or 3

International and Intercultural Management (W&M — International Management & Intercultural and Negotiation Competence) — Semester 4

All modules are taught in English.

BUSINESS ADMINISTRATION (MBA)

Berlin, Cologne, Hamburg, Munich

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester				
M-IM 1	Economics	1	5	4
M-IM 2	Financial Management	1	5	3
M-IM 8	Strategy and Management	1	5	4
M-IBS-E3	Entrepreneurship	1	5	3
MBAe-M1	Managing Innovation	1	5	3
M-DBML-1	Digitalization	1	5	3
2nd Semester (Cologne)				
MBAe-LE-1	Leadership Essentials	2	5	3
MBAe-LE-2	Leadership Skillset	2	5	3
MBAe-LE-3	Leadership Practice	2	5	2

COMPUTER SCIENCE (M.SC.)

Cologne, Berlin

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester (Cologne, Berlin)*				
	Entrepreneurship for Computer Scientists	1	5	3
	Applications of Algorithms in Data Science and Artificial Intelligence	1	5	4
	Information Assurance and Security	1	5	3
M-IEIM M 1.4	Industry 4.0 Technologies	1	10	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester (Cologne, Berlin)				
	Software Verification and Validation	2	5	4
	Software Project, Process and Quality Management	2	5	3
	Specialization (choose 1 out of 2)	2	10	6
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills4	2		24 (per semester)
M-IBS 8	Quantitative & Qualitative Methods for Business		5	
M-IBS 8.1	Quantitative Methods			2
M-IBS 8.2	Qualitative Methods			2

** Semester 1 is subject to confirmation.*

E-COMMERCE & LOGISTICS (M.SC.)

Cologne

Code	Course	Semester	Credits	Teaching Units/Week
2nd Semester				
M-ECL 3	E-Commerce Operations Management	2	5	4
M-ECL 4	Applied E-Commerce Information Technology	2	5	3
M-IBS-MC 3	Innovation Management & Design Thinking	2	5	4
M-IBS 1	Interdisciplinary Team Project I	2	5	1
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills	2		24 (per semester)
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	4

INDUSTRIAL ENGINEERING AND INTERNATIONAL MANAGEMENT (M.SC.)

Berlin, Cologne

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester (Berlin, Cologne)				
M-IM 3	International Business & Contemporary Corporate Challenges	1	5	4
M-IM-13	Project Management Essentials	1	5	4
M-IEIM 1.1	Quality Management	1	5	4
M-IEIM M 1.4	Industry 4.0 Technologies	1	5	4
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester (Berlin, Cologne)				
M-IM 1	Economics	2	5	4
M-IM 2	Financial Management	2	5	3
M-IEIM 5	Digital Industry & Smart Production	2	10	6
M-IEIM 5	Data Analytics & Artificial Intelligence	2	10	6
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills	2	5	2
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	4
3rd Semester (Berlin, Cologne)				
M-IM 9	Managing Transformation & Change	3	5	3
M-IM S 3.2	Project management Practice	3	5	2
M-IM 8	Strategy & Management	3	5	4
M-ECL 1	Global Supply Chain Management	3	5	3
M-IBS 10	Scientific Work in Practice	3	5	2
	Compulsory Elective	3	5	Dif.
4th Semester (Berlin, Cologne)				
M-IBS-MC 3	Innovation Management & Design Thinking	4	5	4
M-IEIM 2.4	Corporate Sustainability & Industrial Ecology	4	5	3

INTERNATIONAL BUSINESS MANAGEMENT (M.SC.)

Berlin, Cologne, Munich

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester (Berlin, Cologne)				
M-SIM 1	International & Global Management	1	5	4
M-SIM 2	Corporate Strategy	1	5	4
M-IBS MC 1	Leadership & Management	1	5	4
M-IBS MC 2	Advanced Project Management	1	5	3
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester (Berlin)				
M-SIM 3	Applied Strategic International Management	2	5	4
M-IM 9	Managing Transformation & Change	2	5	3
M-IBS MC 3	Innovation Management & Design Thinking	2	5	4
M-IBS 1	Interdisciplinary Team Project I	2	5	1
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills	2	5	2
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	4
3rd Semester (Berlin, Cologne)				
M-SIM 4	International Economics & Global Relations	3	5	3
M-IBS-E 3	Entrepreneurship	3	5	3
M-IBS-MC 4	Advanced Team Project	3	10	2
M-IBS 10	Scientific Work in Practice	3	5	2
	Compulsory Electives	3	5	Dif.
4th Semester (Berlin)				
M-SIM 5	Corporate Governance	4	5	2
M-SIM 6	Digital trends & Global Transformation	4	5	3

INTERNATIONAL BUSINESS MANAGEMENT (MiBuMe) (M.SC.)

Cologne

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester				
M-SIM 1	International & Global Management	1	5	3
M-SIM 2	Corporate Strategy	1	5	4
M-IBS MC 1	Leadership & Management	1	5	4
M-IBS MC 2	Advanced Project Management	1	5	3
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester				
M-SIM 3	Applied Strategic International Management	2	5	4
M-IM 9	Managing Transformation & Change	2	5	3
M-IBS MC 3	Innovation Management & Design Thinking	2	5	4
M-IBS 1	Interdisciplinary Team Project I	2	5	1
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills	2	5	2
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	
M-IBS 8.1	*Quantitative Methods*			2
M-IBS 8.2	*Qualitative Methods*			2
3rd Semester				
M-SIM 4	International Economics & Global Relations	3	5	3
M-IBS-E 3	Entrepreneurship	3	5	3
M-IBS-MC 4	Advanced Team Project	3	10	2
M-IBS 10	Scientific Work in Practice	3	5	2
M-IBS-E	Compulsory Elective	3	5	Dif.

INTERNATIONAL MANAGEMENT (M.A.)

Berlin, Cologne

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester (Berlin, Cologne)				
M-IM 3	International Business & Contemporary Corporate Challenges	1	5	4
M-IBS-E6	Strategic Marketing & Brand Management	1	5	4
M-IM 12	Data Analysis for Decision-Making	1	5	3
M-IM 13	Project Management	1	5	3
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester (Berlin, Cologne)				
M-IM 1	Economics	2	5	4
M-IM 2	Financial Management	2	5	3
	Project Management	2	10	4
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	
M-IBS 8.1	*Quantitative Methods*			2
M-IBS 8.2	*Qualitative Methods*			2
3rd Semester (Berlin, Cologne)				
M-IM 7	International Relations & Current World Affairs	3	5	3
M-IM 8	Strategy & Management	3	5	4
M-IM 9	Managing Transformation & Change	3	5	3
M-IBS-MC 4	Advanced Team Project	3	10	2
M-IBS 10	Scientific Work in Practice	3	5	2
4th Semester (Berlin, Cologne)				
M-IM 10	Leadership & HR in the Context of Global Organizations	4	5	3
M-IM 11	Competing in the Global Market: Management Game	4	5	4

MEDIA ECONOMICS, DIGITAL COMMERCE & LOGISTICS (MeCloge) (M.SC.)

Cologne

Code	Course	Semester	Credits	Teaching Units/Week
1st Semester				
M-ECL 1	Global Supply Chain Management	1	5	3
M-ECL 2	Cross-border E-Commerce	1	5	4
M-IBS MC 1	Leadership & Management	1	5	4
M-IBS MC 2	Advanced Project Management	1	5	3
M-IBS 3	German I: Living in Germany	1	5	4
M-IBS 5	Intercultural Communication & Competence	1	5	4
M-IBS 7	Research Methodology	1	5	2
2nd Semester				
M-ECL 3	E-Commerce Operations Management	2	5	4
M-ECL 4	Applied E-Commerce Information Technology	2	5	3
M-IBS MC 3	Innovation Management & Design Thinking	2	5	4
M-IBS 1	Interdisciplinary Team Project I	2	5	1
M-IBS 4	German II: Working in Germany	2	5	3
M-IBS 6	Foreign Language Skills	2	5	2
M-IBS 8	Quantitative & Qualitative Methods for Business	2	5	
M-IBS 8.1	*Quantitative Methods*			2
M-IBS 8.2	*Qualitative Methods*			2
3rd Semester				
M-ECL 5	Strategic Sourcing	3	5	3
M-ECL 6	Portfolio Design & Digital Channel Management	3	5	3
M-IBS-MC 4	Advanced Team Project	3	10	2
M-IBS 10	Scientific Work in Practice	3	5	2
M-IBS-E	Compulsory Elective (1 out of 5)	3	5	Dif.

INDIVIDUAL ENGLISH-TAUGHT COURSES FROM VARIOUS STUDY PROGRAMS (Master's level)

Berlin, Cologne, Düsseldorf, Hamburg, Munich

Code	Course	Semester	Credits	Teaching Units/Week	Campus
M-IW-5	*Internationale Immobilienwirtschaft (International Real Estate Management)*	*2*	*5*	*2*	*Only Cologne*
M-BW-8	International Economics	3	5	3	Cologne, Hamburg

For more information, please contact the International Office via email: international@hs-fresenius.de or visit www.hs-fresenius.com