



Hochschule
München
University of
Applied Sciences

Courses in English
Winter semester 2025/26

Online Course Selection

open from September 16th (9 am)
to September 19th (1 pm)

- You will find the link on our website hm.edu/courses_in_english (German)
hm.edu/en/course_offerings/courses_in_english/index.en.html (English)
- You will need your student ID card/Primuss Login (see yellow sheet).
- Check our website for more information on the courses including prerequisites and times before your selection.

Please note: Any changes and further information regarding the sign up procedure will be given during the Orientation Days.



https://hm.edu/en/course_offerings/courses_in_english/courses_in_english_ws25_26.en.html

Course List

Winter semester 2025/26

green courses: open to all (exchange) students from all departments

yellow courses: open to all (exchange) students, students from the “home” department will be given priority

red courses: only open to (exchange) students from the “home” department

Code	Department	Category	Course	Lecturer	Hours/Week	ECTS Credits
1	Architecture	•	Advanced Architectural Design Studio I (AD) (MA)*	Multerer	8	15
		•	Advanced Architectural Design Studio I (AD) (MA)*	Berktold	8	15
		•	Advanced Architectural Design Studio II (UD) (MA)*	Schmid	8	15
		•	Advanced Architectural Design Studio II (UD) (MA)*	Kretschmann	8	15
		•	Advanced Architectural Design Studio III (BD) (MA)*	Schühle	8	15
		•	Advanced Architectural Design Studio III (BD) (MA)*	Neumann	8	15
		•	Advanced Architectural Design Studio IV (ADR) (MA)*	Bontjes van Beek	8	15
		•	Interdisciplinary Studies 1 Architectural Design	Berktold	2	2,5
		•	Interdisciplinary Studies 1 Art and Design Research	Kim	2	2,5
		•	Interdisciplinary Studies 1 Art and Design Research	Pozo	2	2,5
		•	Interdisciplinary Studies 1 Art and Design Research	Yegenoglu	2	2,5
		•	Interdisciplinary Studies 1A Building Design	Scheurer	2	2,5
		•	Interdisciplinary Studies 1B Building Design	Scheurer	2	2,5
		•	Interdisciplinary Studies 1 Urban Design	Gassner	2	2,5
		•	Theory 3 (ADR) (MA)*	Bontjes van Beek	4	5
2	Civil Engineering	•	CO2-reduced concretes for structural concretes and for 3D printing (B-MA)**	Kustermann	2	0
		•	Finite Elements for Plates	Hausser	4	5
		•	Foundation Engineering (MA)*	Slominski	4	5
3	Mechanical, Automotive and Aeronautical Engineering	•	Aerospace Control Systems	Schorer/Weiser	6	6
		•	Aerospace Engineering Project	Pietras	3	5
		•	Automotive Engineering Project	Rohnen	3	5
		•	Computational Fluid Dynamics (MA)*	Fakler	4	5
		•	Dynamics for Engineers	Wolfsteiner	4	5
		•	Fatigue and Fracture (MA)*	Rother	4	6
		•	Flight Dynamics and Control	Pusch	4	5
		•	Fluid Mechanics	Mair/Simon	4	5
		•	Fundamentals of Computational Fluid Dynamics	Mair	4	5
		•	Mechanical Engineering Project	von Schwerin	3	5
		•	Plant Engineering	Annast	4	5
		•	Propulsion Systems	DeTurris (USA)	4	5
		•	Systems Engineering	DeTurris (USA)	4	5
4	Electrical Engineering and Information Technology	•	Batteries and Fuel Cells (MA)*	Greese	3	5
		•	Computer Vision (MA)*	Flohr	3	5
		•	Machine Learning	Flohr	4	5
		tdb	Project Applied Research (MA)*	Zuccaro and others	tdb	5
		•	Project in Electrical Engineering and Information Technology	Schramm	4	5
		•	Project in Electromobility	Hirschmann	4	5
		•	Realtime Operating Systems	Miller	4	5
		•	Systems Engineering Project (MA)*	Zuccaro	4	5
5	Department of Technical Systems, Processes and Communication	•	Advanced Fluid Mechanics	Madjidi	4	5
		•	Automation and Digitalisation (B-MA)**	Kleemann	4	5
		•	Chemical Engineering (B-MA)**	eggerath	3	4
		•	Clothing	Schuijvens	2	2,5
		•	Fluid Mechanics	Liesch	4	5
		•	Heat Transformation: Mechanical and Thermal Heat Pumps (Tri-Generation & Solar Cooling) (B-MA)**	Schweigler	4	5

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		●	Innovation Management (B-MA)**	Sailer	2	2,5
		●	Intercultural Communication (B-MA)**	Kohr	2	3
		●	Minerals (B-MA)**	Gliese	4	5
		●	Paper Chemistry (MA)*	Martorana	4	5
		●	Scientific Writing (B-MA)**	Lindner	2	3
		●	Thermodynamics	Pérez Ponce	4	5
6	Applied Sciences and Mechatronics	●	Data Structures and Algorithms I	Moreira	4	5
		●	Electronics	Fischer	4	4
		●	Machine Learning	Kersch	4	5
		●	Math I – Calculus I / Linear Algebra	Allmendinger	8	8
		●	Math III – PDE/Series/Integral Transforms	Allmendinger	5	5
		●	Mechanics and Oscillations	Moreira	7	8
		●	Micro- and Nanostructures (MA)*	Schindler	4	6
		●	Multibody Dynamics (MA)*	Wiedemann	4	5
		●	Physical Modelling and Simulation (MA)*	Kersch	4	6
		●	Quantum Physics (MA)*	Beha	6	6
		●	Waves/Acoustics/Wave Optics	Wu	5	5
7	Computer Sciences and Mathematics	●	Advanced Embedded Software Project (MA)*	Dietrich	4	5
		●	Analysis and Decision	Kühnel	4	5
		●	Applied Multivariate Analysis Methods (MA)*	Stillman	4	5
		●	Hardware Design for Software Developers	Wallentowitz	4	5
		●	Hardware/Software Codesign (MA)*	Wallentowitz	4	5
		●	Program Verification (MA)*	Güdemann	4	5
		●	Real Project Digitalization	Dünnebeil	4	5
		●	Reinforcement Learning (MA)*	Spieler	4	5
		●	Secure Network Management	Soceanu	4	5
9	Engineering and Management	●	3D-Printing & Design	Rebhan/Burnett (USA)	3	4
		●	Change Management	Osterchrist/Forster	3	4
		●	Cost management at the interface of engineering and business	Krahe/Schulz	3	4
		●	Design Thinking and Human-Centered-Design (MA)*	Maisch	4	5
		●	Innovation Management (MA)*	Gabrysch	4	5
		●	International Accounting	Englbrecht	4	5
		●	Leading Change (MA)*	Osterchrist	4	5
		●	Machine Components and Devices	Hoffmann	4	5
		●	Marketing (Group I)	Cornelius	3	4
		●	Marketing (Group II)	Cornelius	3	4
		●	Marketing (Group III)	Elias	3	4
		●	Material Science and Chemistry	Raber/Trebesius	4	5
		●	Mathematics – Basic Concepts and Applications	Herzog	6	5
		●	Product Management and Technical Sales (MA)*	Gabrysch/Bönisch	4	5
		●	Physics	Herzog	4	5
		●	Seminar on Renewable Energy for a Sustainable Future	Mauerer	3	4
		●	Software Engineering	Brunner	4	5
10	Business Administration	●	Applied Law in Digitalization	Weiden	4	5
		●	Big Data and Artificial Intelligence (MA)*	Anderl	4	5
		●	Corporate Strategy	Sudnik	4	5
		●	Cross-cultural Communication and Management (MA)*	Brunnhuber	4	5
		●	Cross-cultural Management & Negotiation	Selmanovic	4	5
		●	Digital Business Models	Schweinar/Schillmann	4	5
		●	Digital Process Management	Thimmel	4	5
		●	Entrepreneurship: Real Project Sustainability in Food & Wellbeing (Block Course)	Kaiser/Maisch	4	5
		●	Global Leadership	Hammer/Asselin (USA)	4	5
		●	Going Global	Busse	4	5
		●	Intercultural Communication for Business (Group II)	Scott	4	5
		●	Intercultural Communication for Business (Group III)	Brunnhuber	4	5
		●	Intercultural Communication for Business (Group IV)	Scott	4	5
		●	Intercultural Communication for Business (Group V)	Leitner	4	5
		●	Intercultural Communication for Business (Group VI)	Leitner	4	5

Code	Department	Category	Course	Lecturer	Hours/Week	ECTS Credits
			• Intercultural Communication for Business (Group VII)	Sudnik	4	5
			• International Financial Modeling	Biswas (USA)	4	5
			• Law: From Experience, for Business Practice	Weiden/Wende	4	5
			• Leadership by Law	Wende	4	5
			• Legal Issues for Data-driven Business (MA)*	Weiden	4	5
			• Managing Innovation	Selmanovic	4	5
			• Research Methods: Digital Products, Processes and Systems (MA)*	Brehm	4	5
			• Research Study: Challenges in Digital Technology Management (MA)*	Anderl/Hülsbeck	4	5
			• Talent Management and Development	Benzinger	4	5
11	Applied Social Sciences		• Contemporary Issues in Child and Youth Welfare	Nagy	4	5
			• Meditation and Art	de Bruin	3	5
			• Meditation and Art in Social Work	de Bruin	3	5
			• Navigating Global Challenges & Transformation: Interdisciplinary Perspectives on Sustainability, Mobility, Innovation and Human Well-being	Iser/Stoppenbrink/ Jose (India)	3	5
13	General and Interdisciplinary Studies		• A Journey Through Philosophy. What Do You Really Know When You Get Information? (Block Course)	Diaz Nafria (Spain)	2	2
			• Cultural Encounters Germany/France/Belgium/Brazil/Pakistan	Sinn	2	2
			• Emotional Intelligence and Empathy in Leadership	Khalifa	2	2
			• From Ancient Utopias to Cyberutopias. Introduction to Political Philosophy	Diaz Nafria (Spain)	2	2
			• Gear Up!	Sinn	2	2
			• Germany Today: Issues, Cultures, Identities	Järvenpää	2	2
			• Going international: Studying and working abroad	Jandok	2	2
			• Improvisation Theatre Class	Coddington-Burnett (USA)	2	2
			• Let's Make a Deal!	Price	2	2
			• Project Management Basics	Hohmann	2	2
			• Super power on its knees? A look at America's problems and their solutions	Sinn	2	2
			• Understanding complexity. The study of systems, no matter what they are made of	Diaz Nafria (Spain)	2	2
14	Tourism		• Applied Corporate Management	tba	2	3
			• Corporate Management *****	tba	4	5
			• Current Issues	Zehren	4	5
			• Empirical Research in Tourism*****	Santos-Zeiler/Butzmann /Jödden/Mayer/Freni	4	5
			• Hospitality – Selected Aspects	Eisenbarth	4	5
			• Intercultural Competence: Focus on Australia****	Junek (AUS)	4	5
			• Intercultural Competence: Focus on Latin America****	Schröder	4	5
			• Intercultural Competence: Focus on USA****	Bauer	4	5
			• International Marketing and Leadership****	Le (AUS) / Rainer	4	5
			• Moving Concepts: Brand, concept & flow creation for hotels, spaces and everyone who wants to be (deeply) moved	Sax	2	3
			• Smart Tourism & Smart Mobility in Tourism	Santos-Zeiler	2	3
			• Strategic Business Simulation	Sterzenbach/ Schönberger	4	5
			• Strategies for Sustainability in Tourism and Hospitality	Busacker/von Freyberg	4	5
			• Strategy & Strategic Thinking (MA)*****	Firgo	4	5
			• Sustainable Tourism & Instruments	Mayer	2	2
			• Tourism Economics II	Bauer	4	5
			• Touristic Industry *****	Goecke	4	5
			• Transformation of Airline Business	Ibel	2	3
MUC.DAI			• AI in Culture and Arts (AICA) – Human-AI Interaction (B-MA)**	Zoennchen	2	2
			• Projektmodul Web	Weisser	6	8
			• sustAIbility – sustainability and artificial intelligence	Socher	4	6
			• User Research & Usability	Weisser	4	6

Remarks

*(MA): Master level course.

** (B-MA): This course is for Master and Bachelor students.

*** This course is held in Spanish and does not count for the CIE certificate.

**** Only one of the marked courses can be chosen

***** Marked courses consist of two parts

In order to participate in the courses you should have a sound knowledge of English. It is in the lecturer's sole discretion to bar you from the course, should you not meet the requirements. Please have a look at the detailed course descriptions on our website.

Please note that the Courses in English are supplementary courses to our programme. This programme may still be subject to change. Please check our website for latest details. Please also kindly note that some courses are limited to a certain number of participants and that course times can overlap.