



Hochschule  
München  
University of  
Applied Sciences

Courses in English

# Online Course Selection

open from 17<sup>th</sup> September (9 am)  
to 20<sup>th</sup> September (12 pm)

- You will find the link on our website [hm.edu/courses\\_in\\_english](https://www.hm.edu/courses_in_english) (German)  
[hm.edu/en/course\\_offerings/courses\\_in\\_english/index.en.html](https://www.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://www.hm.edu/en/course\\_offerings/courses\\_in\\_english/courses\\_in\\_english\\_ws\\_24.en.html](https://www.hm.edu/en/course_offerings/courses_in_english/courses_in_english_ws_24.en.html)

# Course List

## Winter Semester 2024/25

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 students from the “home” department

Code	Department	Category	Course	Lecturer	Hours/ Week	ECTS Credits
1	Architecture	•	Advanced Architectural Design Studio I (AD) (MA)*	Berktold	8	15
		•	Advanced Architectural Design Studio I (AD) (MA)*	Martenson	8	15
		•	Advanced Architectural Design Studio II (UD) (MA)*	Kappler	8	15
		•	Advanced Architectural Design Studio II (UD) (MA)*	Kretschmann	8	15
		•	Advanced Architectural Design Studio III (BD) (MA)*	Wolfrum	8	15
		•	Advanced Architectural Design Studio III (BD) (MA)*	Schühle	8	15
		•	Advanced Architectural Design Studio IV (ADR) (MA)*	Krüger	8	15
		•	Focus Project 1 (ADR) (MA)*	Arzberger	4	5
		•	Interdisciplinary Studies 1 Architectural Design	Berktold	2	2,5
		•	Interdisciplinary Studies 1 Architectural Design	Kim	2	2,5
		•	Interdisciplinary Studies 1 Art and Design Research	Pozo	2	2,5
		•	Interdisciplinary Studies 1 Building Design	Scheurer	2	2,5
		•	Interdisciplinary Studies 1 Building Design	Khoja	2	2,5
		•	Interdisciplinary Studies 1 Urban Design	Sieber	2	2,5
		•	Theory 1 (ADR) (MA)*	Bartoli	4	5
2	Civil Engineering	•	Finite Elements for Plates	Hausser	4	5
		•	Foundation Engineering (MA)*	Slominski	4	5
3	Mechanical, Automotive and Aeronautical Engineering	•	Aerospace Control Systems	Ossmann	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
		•	Fluid Mechanics	Simon	4	5
		•	Mechanical Engineering Project	von Schwerin	3	5
4	Electrical Engineering and Information Technology	•	Network Security	Paul	4	5
		•	Project in Electrical Engineering and Information Technology	Schramm	4	5
		•	Realtime Operating Systems	Miller	4	5
		•	Systems Engineering Project (MA)*	Zuccaro	4	5
5	Department of Technical Systems, Processes and Communication	•	Abastecimiento Energético *** (B-MA)**	Pietsch	2	5
		•	Automation and Digitalisation (B-MA)**	Kleemann	4	5
		•	Fluid Mechanics	Liepsch	4	5
		•	Heat Transformation: Mechanical and Thermal Heat Pumps (Tri-Generation & Solar Cooling)	Schweigler	4	5
		•	Innovation Management (B-MA)** (Block Course)	Sailer	2	2,5
		•	Intercultural Communication (B-MA)**	Kohr	2	3
		•	Minerals (B-MA)** (Block Course)	Gliese	4	5
		•	Paper Chemistry (MA)*	Martorana	4	5
		•	Paper Physics (B-MA)**	Martorana	4	5
		•	Paper Technology Fundamentals (B-MA)**	Belle	4	5
		•	Python Programming for Scientists and Engineers (B-MA)**	Greif	4	5
		•	Scientific Key Skills (B-MA)**	Greif	2	3
		•	Scientific Writing (B-MA)**	Kleemann	2	3
•	Thermodynamics	Pérez Ponce	4	5		
6	Applied Sciences and Mechatronics	•	Electronics	Fischer	4	5
		•	Micro- and Nanostructures (MA)*	Schindler	4	6
		•	Multibody Dynamics (MA)*	Wiedemann	4	6

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6	Applied Sciences and Mechatronics	•	Optics Design (MA)*	Zeitner	6	6
		•	Quantum Physics 1 (MA)*	Beha	6	6
		•	Quantum Sensing (MA)*	Gramich	4	6
		•	Physical Modelling and Simulation (MA)*	Kersch	4	6
		•	Real Project – Food (Block Course)	Maisch	4	5
		•	Telecommunication and Navigation (MA)*	Japertas (Lithuania)	4	6
		•	Unmanned Ground Vehicles Systems (MA)*	Japertas (Lithuania)	4	6
7	Computer Sciences and Mathematics	•	Cloud Infrastructure Security (MA)*	Ebke	4	5
		•	Cyber Defense (MA)*	Zugenmaier/Venter (South Africa)	4	5
		•	International Management II (Block Course)	Gronover	4	5
		•	IT Security II	Zugenmaier	4	5
		•	IT Security and Information Security Management (MA)*	Zugenmaier/Venter (South Africa)	4	5
		•	Program Verification (MA)*	Güdemann	4	5
		•	Real Project	Sterzenbach	4	5
		•	Reinforcement Learning (MA)*	Spieler	4	5
		•	Secure Network Management	Soceanu	4	5
•	Technical Writing in Computer Science	Balasz	4	5		
8	Geoinformatics	•	Geomatics Master Seminar (MA)*	Hagg	4	5
		•	Remote Sensing 1 (MA)*	Schmitt	4	5
9	Engineering and Management	•	3D Printing & Design	Rebhan	3	4
		•	AI in Python (MA)*	Franke/Hinz	4	5
		•	Change Management (Block Course)	Osterchrist/Forster	3	4
		•	Cost management at the interface of engineering and business	Krahe /Schulz	3	4
		•	Design Thinking and Human-Centered Design (MA)* (Block Course)	Maisch	4	5
		•	Digital Marketing Basics	Cornelius	3	4
		•	Ergonomics	Brombach	3	3
		•	Innovation Management (MA)*	Gabrysch	4	5
		•	Marketing (Group I)	Cornelius	3	4
		•	Marketing (Group II)	Cornelius	3	4
		•	Marketing (Group III)	Cornelius	3	4
		•	Material Science and Chemistry	Raber/Trebesius	4	5
		•	Mathematics - Basic Concepts and Applications	Günther	6	5
		•	Product Management and Technical Sales (MA)*	Gabrysch	4	5
		•	Seminar on Renewable Energy for a Sustainable Future	Mauerer	3	4
		•	Software Engineering I	Hinz	4	5
•	Strategic Business Simulation (MA)*	Gabrysch	4	5		
10	Business Administration	•	Applied Legal Aspects of Digitalization (Block Course)	Weiden	4	5
		•	Big Data and Artificial Intelligence (MA)*	Anderl	4	5
		•	Corporate Strategy	Sudnik	4	5
		•	Creativity Enhancement (Block Course)	Van Peel (Belgium)	4	5
		•	Cross-cultural Communication and Management (MA)*	Brunnhuber	4	5
		•	Cross-cultural Management & Negotiation (Block Course)	Horn	4	5
		•	Digital Business Models	Schweinar/Schillmann	4	5
		•	Digital Process Management	Günzel	4	5
		•	Entrepreneurship: Digitalization	Kobilke	4	5
		•	Entrepreneurship (Block Course)	Dent (USA)	4	5
		•	Entrepreneurship: Real Project Sustainability in Food & Wellbeing (Block Course)	Kaiser/Maisch	4	5
		•	Intercultural Communication for Business (Group I)	Brunnhuber	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)	Leitner	4	5
		•	Intercultural Communication for Business (Group V)	Scott	4	5
		•	Intercultural Communication for Business (Group VI)	Leitner	4	5
		•	Intercultural Communication for Business (Group VII)	Sudnik	4	5
		•	International Financial Modeling (Block Course)	Deisting (France)	4	5
		•	International Market Entry Strategies (Block Course)	Busse	4	5
		•	International Management Accounting and Financial Reporting	Ruhnke	4	5
		•	Leadership by Law	Wende	4	5
		•	Legal Issues for Data-driven Business (MA*)	Weiden	4	5
•	Practical Insights	Wende/Weiden	4	5		

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10	Business Administration	•	Research Methods: Digital Products, Processes and Systems (MA)*	Brehm	4	5
		•	Research Study: Challenges in Digital Technology Management (MA)*	Hülsbeck/Anderl	4	5
		•	Talent Management and Development	Benzinger	4	5
		•	The practice of Leadership: traits, skills and recommendations (Block Course)	Hammer/Asselin (USA)	4	5
		•	The Use of AI in Group Decision Making (Block Course)	Kaplan (South Africa)	4	5
11	Applied Social Sciences	•	Introduction to Ethics	Stoppenbrink	2	5
		•	Meditation and Art in Social Work	de Bruin	3	5
12	Design	•	Design Process FD	Santo	4	6
		•	Design Process KD	Santo	4	6
		•	E + V II Ergonomie Praxis (B-MA)**	Kießling	4	4
		•	Illustration KD	Günther	4	4
		•	Illustration ID	Günther	4	4
		•	Project Course FD	Barr	8	12
		•	Project Course KD	Ammer	8	12
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/USA	Sinn	2	2
		•	Emotional Intelligence and Empathy in Leadership	Khalifa	2	2
		•	Electoral Studies: Elections in the USA 2024	Wüst	2	2
		•	From Ancient Utopias to Cyberutopias. Introduction to Political Philosophy (Block Course)	Diaz Nafria (Spain)	2	2
		•	Germany Today: Issues, Cultures, Identities (Block Course)	Järvenpää	2	2
		•	Global Management Simulation (Group 1)	Ittstein	2	2
		•	Global Management Simulation (Group 2)	Ittstein	2	2
		•	Going international: Studying and working abroad (Block Course)	Jandok	2	2
		•	Let's Make a Deal!	Price	2	2
		•	Project Management Basics (Block Course)	Hohmann	2	2
•	Sustainable Consumption (Block Course)	Horodecka	2	2		
14	Tourism	•	Applied Corporate Management	Katz	2	3
		•	Corporate Management*****	Katz	4	5
		•	Current Issues in Tourism	Bausch	4	5
		•	Empirical Research in Tourism*****	Santos-Zeiler/Humpe/Mayer/Freni	4	5
		•	Hospitality – Selected Aspects	Eisenbarth	4	5
		•	Intercultural Competence: Focus on Australia****	Junek (Australia)	4	5
		•	Intercultural Competence: Focus on Latin America****	Schröder	4	5
		•	Intercultural Competence: Focus on USA****	Bauer	4	5
		•	International Marketing and Leadership*****	Rainer/Le (Australia)	4	5
		•	Port-Ship-Destination: The magic triangle for sustainable and successful cruise tourism	Zengerle	2	3
		•	Quo vadis tourism? (MA)*	Naumov (UK)	4	5
		•	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 and Strategic Thinking (MA)*	Katz	2	3
		•	Sustainable Tourism & Instruments	Mayer	2	2
		•	Tourism Economics II	Bauer	4	5
		•	Touristic Industry	Goecke	4	5
		•	Transformation of Airline Business Models	Ibel	2	3
MUC.DAI		•	AI in Culture and Arts (AICA) - Project Workshop (B-MA)**	Sanchez	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; students need to attend both parts to receive ECTS.

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.