



Hochschule
München
University of
Applied Sciences

Courses in English



Online Course Selection

open from 13th September (9 am)
to 18th 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_23.en.html

Course List

Winter Semester 2023/24

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)*	Neumann	8	15
		•	Advanced Architectural Design Studio IV (ADR) (MA)*	Bontjes van Beek	8	15
		•	Focus Project 1 (ADR) (MA)*	Arzberger	4	5
		•	Interdisciplinary Studies 1 Architectural Design	Scheurer	2	2,5
		•	Interdisciplinary Studies 1 Architectural Design	Berktold	2	2,5
		•	Interdisciplinary Studies 1 Art and Design Research	Kim	2	2,5
		•	Interdisciplinary Studies 1 Building Design	Khoja	2	2,5
		•	Interdisciplinary Studies 1 Urban Design	Davis	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	Nunhez (Brazil)	4	5
		•	Data Fitting	Nunhez (Brazil)	4	5
		•	Dynamics for Engineers	Wolfsteiner	4	5
		•	Fatigue and Fracture (MA)*	Rother	4	6
		•	Mechanical Engineering Project	von Schwerin	3	5
		•	Plant Engineering	Herz	4	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
		•	Chemical Engineering (B-MA)**	Eggerath	3	4
		•	Coating and Barriers (MA)* (Block Course)	Gliese	4	5
		•	Energy Democracy (B-MA)**	Feldpausch-Parker (USA)	4	5
		•	Fluid Mechanics	Liepsch	4	5
		•	HVAC Technology in the U.S.	Herz	2	3
		•	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
		•	Plant Engineering	Herz	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
		•	Stock Preparation (B-MA)**	Porkert	4	5
•	Thermodynamics	Pérez Ponce	4	5		
•	Tri-Generation & Solar Cooling	Schweigler	4	5		

Code	Department	Category	Course	Lecturer	Hours/Week	ECTS Credits
6	Applied Sciences and Mechatronics	•	Electronics	Fischer	4	5
		•	Micro- and Nanostructures (MA)*	Schindler	4	6
		•	Micro- and Nanotechnological Devices (MA)*	Gramich	4	6
		•	Modeling and Simulation (MA)*	Kersch	4	6
		•	Multibody Dynamics (MA)*	Wiedemann	4	6
		•	Quantum Physics 1 (MA)*	Beha	6	6
		•	Quantum Sensing (MA)*	Gramich	4	6
			Real Project – Food	Maisch	4	5
7	Computer Sciences and Mathematics	•	Cloud Infrastructure Security (MA)*	Ebke	4	5
		•	Computer Networks in Practise	Soceanu	4	5
		•	International Management II	Gronover	4	5
		•	Program Verification (MA)*	Güdemann	4	5
		•	Real Project	Stolze	4	5
		•	Reinforcement Learning (MA)*	Spieler	4	5
		•	Secure Network Management	Soceanu	4	5
		•	Secure Systems (MA)*	Trapp	4	4
		•	Semantic Technologies and Knowledge Graphs	Milicic-Brandt	4	5
		•	sustAlnability – advanced topics in sustainability and artificial intelligence (B-MA)**	Socher	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
		•	Remote Sensing and Photogrammetry	Führmann	6	6
9	Engineering and Management	•	3D Printing & Design	Rebhan	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	Cornelius	3	4
		•	Engineering Mathematics 1	Günther	6	6
		•	Engineering Mechanics	Hoffmann	4	5
		•	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
		•	Marketing and Sales Basics	Elias	4	5
		•	Principles of Computer Science	Franke	4	5
		•	Product Management and Technical Sales (MA)*	Gabrysch	4	5
			Strategic Busines Simulation (MA)*	Gabrysch	4	5
10	Business Administration	•	Big Data and Artificial Intelligence (MA*)	Anderl	4	5
		•	Business Law for Sustainable Energy Transition	Wende	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
		•	Digital Business Models	Schweinar/Schillmann	4	5
		•	Digital Process Management	Günzel/Thimmel	4	5
		•	Elective: Cross-cultural Management & Negotiation (Block Course)	Horn	4	5
		•	Elective: International Financial Modeling (Block Course)	Deisting (France)	4	5
		•	Elective: International Management Accounting and Financial Reporting	Ruhnke	4	5
		•	Entrepreneurship (Block Course)	Dent (USA)	4	5
		•	Entrepreneurship: Real Project Sustainability in Food & Wellbeing	Kaiser	4	5
		•	Essential Strategies and Skills for Cross-Cultural Negotiation (Block Course)	Arnaud (USA)	4	5
		•	Global Leadership	Hammer	4	5
		•	Going Global (Block Course)	Busse	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)	Leitner	4	5
		•	Intercultural Communication for Business (Group IV)	Scott	4	5
		•	Intercultural Communication for Business (Group V)	Brunnhuber	4	5
		•	Intercultural Communication for Business (Group VI)	Sudnik	4	5
		•	Intercultural Communication for Business (Group VII)	Leitner	4	5
		•	International Economics (Block Course)	Tanamee (Thailand)	4	5
		•	Lean Product development (Block Course)	Stern (USA)	4	5

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10	Business Administration	•	Legal Issues for Data-driven Business (MA*)	Weiden	4	5
		•	Managing Innovation	Kaiser	4	5
		•	Research Study: Challenges in Digital Technology Management (MA)*	Hülsbeck /Anderl	4	5
		•	Seminar: Business English for Professional Communication - Advanced	Hewitt	4	5
		•	Soft skills for Leadership Competencies	Kern	4	5
		•	Talent Management and Development	Benzinger	4	5
		•	The practice of Leadership: traits, skills and recommendations (Block Course)	Asselin (USA)	4	5
11	Applied Social Sciences	•	Basics of transdisciplinary research and related methods (MA)*	Compagna/Rueda (Colombia)	4	5
		•	Counseling	Engelhardt	3	5
		•	Introduction in Philosophy and Applied Ethics in Disciplines and in Professional Fields (MA)*	Buttner/Stoppenbrink/Rueda (Colombia)	3	5
		•	Introduction to Ethics (With a Special Focus on Social Work Ethics)	Stoppenbrink	2	5
		•	Management of Social Innovations	Dürr/Popal/Rueda (Colombia)	4	5
		•	Meditation and Art in Social Work	de Bruin	3	5
		•	Sociology	Compagna/Rueda (Colombia)	5	6
12	Design		At the Department of Design individual Courses in English are arranged through Mrs. Kießling. For an individual course offer please contact Mrs. Kießling per email: marion.kiessling@hm.edu. The maximum ECTS is 30.			
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
		•	Business Consultung	Suhm	2	2
		•	Emotional Intelligence and Empathy in Leadership	Khalifa	2	2
		•	From Ancient Utopias to Cyberutopias. Introduction to Political Philosophy (Block Course)	Diaz Nafria (Spain)	2	2
		•	Global Management Simulation (Group 1)	Ittstein	2	2
		•	Global Management Simulation (Group 2)	Ittstein	2	2
		•	Let's Make a Deal!	Price	2	2
		•	Project Management Basics (Block Course)	Hohmann	2	2
14	Tourism	•	BIPA – Bavaria Israel Partnership Accelerator (B-MA)** (Block Course)	Katz	4	5
		•	Corporate Management I/II *****	Katz	4	5
		•	Current Issues in Tourism	Naumov (UK)	4	5
		•	Digital Tourism Economy ***** (Online)	Goecke/Firgo	4	5
		•	Empirical Research in Tourism*****	Santos-Zeiler/Humpe/Mayer/Freni	4	5
		•	Hospitality - Selected Aspects	Eisenbarth	4	5
		•	Intercultural Competence: Focus on Chinese Culture****	Chang	4	5
		•	Intercultural Competence: Focus on Latin America****	Schröder	4	5
		•	Intercultural Competence: Focus on USA****	Bauer	4	5
		•	International Marketing and Leadership*****	Bösl /Le (Australia)	4	5
		•	Mega Events and Destination Development	Firgo	2	3
		•	Port-Ship-Destination: The magic triangle for sustainable and successful cruise	Zengerle	2	3
		•	Service Robots in Tourism and Hospitality	Brenning	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 (Online)	Busacker/von Freyberg	4	5
		•	Sustainable Tourism & Instruments	Mayer	2	2
		•	Tourism and Economy for the Common Good	Winchenbach (UK)	2	3
•	Tourism Economics II	Bauer	4	5		
MUC.DAI		•	Project AICA – Artificial Intelligence in Culture and Arts	Zönnchen	4	6
		•	sustAlnability – sustainability and artificial intelligence (B-MA)**	Socher	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.