

# COURSES IN ENGLISH

**ONLINE COURSE SELECTION** open from 18<sup>th</sup> September 2017 (9am) to 20<sup>th</sup> September 2017 (1pm)

- You will find the link on our website.  
[www.hm.edu/courses\\_in\\_english](http://www.hm.edu/courses_in_english) | [www.hm.edu](http://www.hm.edu) > Academic Programmes > Courses in English
- You will need your student ID card/Primuss Login (see blue sheet).
- Check our website for more information on the courses including prerequisites and times before your selection.



If you need assistance with the web application come to our Help Session on Wednesday 20<sup>th</sup> September, 9-12pm, room T 3.017 (T-Building)

Regular students of Munich University of Applied Sciences go to the first session of the courses.

## COURSE LIST WINTER SEMESTER 2017/18

**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

For updated version, please refer to the online list.

Code Number	Department	Course	Lecturer	Hours/Week	ECTS Credits	US Credits
01	Architecture	■ Advanced Architectural Design Studio I	Meck	8	15	12
		■ Advanced Architectural Design Studio I	Botti	8	15	12
		■ Advanced Architectural Design Studio II	Kappler	8	15	12
		■ Advanced Architectural Design Studio II	Kretschmann	8	15	12
		■ Advanced Architectural Design Studio III	Hartig	8	15	12
		■ Advanced Architectural Design Studio III	Richarz	8	15	12
		■ Interdisciplinary Studies 1 Building Design	Essig	2	2,5	2
		■ Interdisciplinary Studies 1 Architectural Design	Berktold	2	2,5	2
		■ Interdisciplinary Studies 1 Architectural Design	Langenberg	2	2,5	2
		■ Interdisciplinary Studies 1 Urban Design	Hansmann	2	2,5	2
■ Interdisciplinary Studies 1 Art and Design Research	tba	2	2,5	2		
02	Civil Engineering	■ Finite Elements for Plates	Hausser	4	5	4
		■ Special Geotechnical Works (MA)*	Slominski	4	5	4
03	Mechanical, Automotive and Aeronautical Engineering	■ Dynamics for Engineers	Wolfsteiner	4	5	4
		■ Control Systems for Automotive and Aerospace Engineering	Siebold	6	6	4
		■ Flight Mechanics	Siebold	4	5	4
		■ Aircraft Subsystems	Knoll	2	2	2
		■ Aerospace Student Competitions and Research Projects	Kniesner	3	5	4
		■ Fatigue and Fracture (MA)*	Rother	4	6	4
		■ Impact Simulation of Vehicle Structures (MA)*	Gitterle	4	6	4
		■ General Aviation Flight Operations	Bedard (USA)	4	5	4
04	Electrical Engineering and Information Technology	■ Network Security	Paul	4	5	4
		■ Simulation Practice with Matlab/Simulink	Irber	4	5	4
05	Building Services Engineering, Chemical Engineering for Paper and Packaging, Print and Media Technologies	■ Plant Engineering	Herz	4	5	4
		■ Thermal System Design	Mott-Peuker (USA)	2	2	2
		■ Benchmarking and Assessment of Building Energy Performance	Mott-Peuker (USA)	4	4	3
		■ Tri-Generation & Solar Cooling	Schweigler	4	5	4
		■ Fluid Mechanics	Liepsch	4	5	4
		■ Advanced Fluid Mechanics	Liepsch	3	5	4
		■ Thermodynamics	Pérez Ponce (Chile)	4	5	4
■ Abastecimiento Energético I**/**	Pietsch	2	4	3		
06	Applied Sciences and Mechatronics	■ Multibody Dynamics (MA)*	Wiedemann	4	5	4
		■ Physical Modelling and Simulation (MA)*	Kersch	4	6	4
		■ Fiber Optic Sensing Technology (MA)*	Yang (China)	5	6	4
		■ Thin Film Optics (MA)*	Yang (China)	5	6	4
		■ Micro- and Nanostructures (MA)*	tba	4	6	4
		■ Electronics	Fischer	4	4	3
		■ Biomicro- and Bionanotechnology (MA)*	Clausen-Schaumann	4	6	4
		■ Project Management (MA)*	Mahnke	4	6	4
		■ English in Science and Technology (MA)*	Allott	2	4	3
■ Quantum Physics I (MA)*	Birner	8	6	4		
07	Computer Sciences and Mathematics	■ Technical Writing	Balazs	4	5	4
		■ Advanced Embedded Software Development (MA)*	Barker	4	5	4
		■ Quantum Information (MA)*	Tornow	4	5	4
		■ Advanced Deep Learning Architectures (MA)*	Servadei	4	5	4
09	Engineering and Management	■ Ergonomics and Practical Training	Brombach	3	3	2
		■ Technical Marketing (MA)*	Cornelius	4	5	4
		■ International Project with a partner university abroad (MA)*	Döhl	4	4	3
		■ Marketing and Sales, Basics	Elias	3	4	3
		■ Marketing	Cornelius	3	4	3
		■ Sustainability in Supply Chain Management (MA)*	Ehm/Ponsignon	4	4	3
		■ Strategic Planning for Engineers (MA)*	Ramste (Finland)	4	4	3

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09	Engineering and Management	■ Innovation Management (MA)*	Gabrysch	3	4	3
		■ Strategic Marketing by Online Simulation (MA)*	Gabrysch	4	4	3
		■ Technical Product Management and Sales (MA)*	Gabrysch	4	5	4
		■ Engineering Mechanics	Hoffmann	4	5	4
		■ Management Decision Making Supported by Data Analysis	Mauerer	3	4	3
		■ International Business (MA)*	Friedmann	4	4	3
		■ Change Management	Wagner	3	4	3
		■ Aerodynamic Principles for Automotive Design	Brombach-Randall	3	4	3
		■ Operations Research	Oelsner (Argentina)	3	4	3
		■ Lean Management and Lean Administration (MA)*	Rieger	4	4	3
10	Business Administration	■ Intercultural Communication (Group 1)	Albers-Mitchell	4	5	4
		■ Intercultural Communication (Group 2)	Kalb-Krause	4	5	4
		■ Intercultural Communication (Group 3)	Kalb-Krause	4	5	4
		■ Intercultural Communication (Group 4)	Scott	4	5	4
		■ Intercultural Communication (Group 5)	Scott	4	5	4
		■ Entrepreneurship	Peisl	4	5	4
		■ International Entrepreneurship	Bowers	4	5	4
		■ Strategic Planning and International Management	Sudnik	4	5	4
		■ Strategic Planning and International Management	Hansen	4	5	4
		■ International Economics	Krusekopf (Canada)	4	5	4
		■ Corporate Leadership and Innovation	Hansen	4	5	4
		■ International Strategy and Sales Marketing	Sudnik	4	5	4
		■ International Management Accounting and Financial Reporting	Ruhnke	4	5	4
		■ International Financial Modeling	Häcker	4	5	4
		■ International Operations and Supply Chain Management	Krischke	4	5	4
		■ Sustainability and Ethics in a Global Context	Zollner	4	5	4
		■ Cross-Cultural Management and Negotiations	Müllich	4	5	4
		■ Project Studies: Digital Transformation of Companies	Hell/Schweinar	4	5	4
		■ Agile Project Management	Günzel	4	5	4
		■ Project Studies: Projects in Digital Business	Brehm/Slamka	4	5	4
		■ Scientific Writing	Baltes (USA)	4	5	4
		■ Personal Mastery	Beemsen (South Africa)	4	5	4
		■ Essential Strategies and Skills for Cross-Cultural Negotiation	Arnaud	4	5	4
		■ Entrepreneurial Financial Strategies (MA)*	Ruhnke	4	5	4
		■ Interactive Competence & Intercultural Management (MA)*	Müllich	4	5	4
■ Intercultural Business Communication and Management (MA)*	Müllich	4	5	4		
■ Digital Technology Management: Products, Processes and Systems (MA)*	Brehm	4	5	4		
■ Business Financial Management (MA)*	Häcker	4	5	4		
12	Design	■ Design of Digital Products and Services	Köbler	4	6	4
13	General and Interdisciplinary Studies	■ A General Understanding of Information	Diaz Nafria (Spain)	2	2	2
		■ Utopias and the Information Society	Diaz Nafria (Spain)	2	2	2
		■ Participatory Leadership and Facilitation	Evans	2	2	2
		■ Sustainable Lifestyles, Planning and Practice for a Sustainable Future	Evans	2	2	2
		■ Great Minds in Economics: John Maynard Keynes	Lupas	2	2	2
		■ Fairy Tales: More than wolves, Witches and nasty Stepmothers	Bitner	2	2	2
		■ Historical buildings and monuments in Munich	Dobler	2	2	2
		■ Management, Leadership and the Theatrical	Lupas	2	2	2
		■ Stressmanagement and Meditation	de Bruin	2	2	2
		■ Communication for Innovation	LeMar	2	2	2
		■ Making Work Meaningful: Theory, Research and Application in Positive Psychology and Positive Organizational Scholarship	van Sonnenberg (USA)	2	2	2
		■ Leading International Virtual Teams	Ittstein	2	2	2
		■ Introduction to Marketing – Business Simulation (Group 1)	Ittstein	2	2	2
		■ Introduction to Marketing – Business Simulation (Group 2)	Ittstein	2	2	2
		■ Germany Today: Issues, Cultures, Identities	Järvenpää	2	2	2
		■ Let's make a Deal!	Järvenpää	2	2	2
		■ Manga and Anime: A look at Japan's (pop) Culture	Sinn	2	2	2
		■ German Grammar in English for International Students	Block	4	3	2
14	Tourism	■ Intercultural Competence II – Focus on USA****	Bauer	4	5	4
		■ Tourism Economics	Bauer	2	5	4
		■ Hospitality Management & Consulting***	Brabant	2	3	2
		■ The Future of Human Resource Management***	Fieser	2	3	2
		■ National and International Sales – An Introduction to Trends and Strategies in Sales***	Fleck	2	3	2
		■ Intercultural Competence II – Focus on Asia****	Frankenberger	4	5	4
		■ Destination Management***	Kühnel-Widmann	2	3	2
		■ Intercultural Challenges in the Tourism Industry	Link	1	2	2
		■ International Marketing***	Schnabel	2	3	2
		■ Airline Management***	Busacker	2	3	2
		■ Product Management of a Tour Operator***	Schulz	2	3	2

\* (MA): Master level course.  
 \*\* This course is held in Spanish and does not count for the CiE certificate.  
 \*\*\* This course is for Master and Bachelor students.  
 \*\*\*\* Students can only select one of these courses, not both.

The US credit points mentioned above are calculated as follows:  
 ECTS points divided by 1.5 (and then rounded up). This calculation is meant to serve as a rough guide only and is not applicable to all US university systems.

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 program



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.  
[www.hm.edu/courses\\_in\\_english](http://www.hm.edu/courses_in_english)  
[www.hm.edu](http://www.hm.edu) > Academic Programmes > Courses in English