

Courses for Exchange Students at MCI
fall 2018/19



International exchange students may choose courses from one degree program. Students may also combine their selected studies with courses from the International Program.

All catalog information is subject to change without notice or obligation.

Management & Society		
Bachelor programs		
course	ECTS	study program
Brand Management	1	Business & Management
Controlling & Performance Management	2,5	Business & Management
Corporate Finance	4	Business & Management
Entrepreneurship	2	Business & Management
EU Law & International Legal Systems	2	Business & Management
Fundamentals of Management - Exercise II	3	Business & Management
Human Resource Management II	2	Business & Management
Marketing Communication I	1,5	Business & Management
Marketing Strategy	1	Business & Management
Meeting Facilitation	1,5	Business & Management
Negotiation & Conflict	2	Business & Management
Project Assignment	2	Business & Management
Quantitative Methods of Empirical Research	1,5	Business & Management
Strategy Implementation	2	Business & Management
Supply Chain Management	2	Business & Management
Business Englisch I	3	Management & Law
Business Finance & Cash-Management	3	Management & Law
Change Management	3	Management & Law
Company Formation / Business Plan	2	Management & Law
English Communication I	3	Management & Law
EU Single Market Law	3	Management & Law
Fundamentals of Human Resource Management	3	Management & Law
International Taxation	3	Management & Law
Multicultural sensitive behaviour	1	Management & Law
Presentation Techniques & Moderation	1	Management & Law
Strategic Management	3	Management & Law
Business Ethics	2	Management, Communication & IT
Human Resource Management	3	Management, Communication & IT
Intercultural Competences	3	Management, Communication & IT
International Marketing	3	Management, Communication & IT
Organisational Behavior	3	Management, Communication & IT
Sales	3	Management, Communication & IT
Strategic Management & Strategic Management Project	6	Management, Communication & IT

Technology & Life Sciences		
Bachelor programs		
course	ECTS	study program
Beverage technology	1	Biotechnology & Food Engineering
Biotechnological analytics	3	Biotechnology & Food Engineering
Biotechnological processing	3	Biotechnology & Food Engineering
Biotechnology laboratory	3	Biotechnology & Food Engineering
Fermentation technology	3	Biotechnology & Food Engineering
Food & Hygiene	3	Biotechnology & Food Engineering
Food technology laboratory	2	Biotechnology & Food Engineering
Merchandise knowledge & sensory evaluation	4	Biotechnology & Food Engineering
Plant & process engineering/ Measurement technique	4	Biotechnology & Food Engineering
Process- and Project management	2	Biotechnology & Food Engineering
Project (biotechnology & food engineering)	4	Biotechnology & Food Engineering
Quality assurance	2	Biotechnology & Food Engineering
Strategic & operative marketing	2	Biotechnology & Food Engineering
Technical microbiology	3	Biotechnology & Food Engineering
Biological process engineering	3	Environmental, Process & Energy Engineering
Biological process engineering laboratory	1	Environmental, Process & Energy Engineering
Biomass	3	Environmental, Process & Energy Engineering
Design project	4	Environmental, Process & Energy Engineering
Mechanical process engineering II	1	Environmental, Process & Energy Engineering
Mechanical process engineering laboratory	3	Environmental, Process & Energy Engineering
Plant & process engineering	4	Environmental, Process & Energy Engineering
Process- and project management	2	Environmental, Process & Energy Engineering
Processsimulation	4	Environmental, Process & Energy Engineering
Strategic and operative marketing	2	Environmental, Process & Energy Engineering
Water pollution control	3	Environmental, Process & Energy Engineering
Automation Engineering	4	Industrial Engineering & Management

do not mix green and blue courses

do not mix green and blue courses

do not mix green and blue courses

do not mix green and blue courses

do not mix green and blue courses

do not mix green and blue courses

do not mix green and blue courses

Automation Engineering Laboratory	1	Industrial Engineering & Management
Business Simulation	4	Industrial Engineering & Management
Fluid Process Engineering	3	Industrial Engineering & Management
Fluid Process Engineering laboratory	1	Industrial Engineering & Management
Innovation & Startup	3	Industrial Engineering & Management
Introduction to economics	1	Industrial Engineering & Management
Management & Leadership	1	Industrial Engineering & Management
Plant & Process Engineering I	3	Industrial Engineering & Management
Plant & Process Engineering II	2	Industrial Engineering & Management
Project II	4	Industrial Engineering & Management
Strategic & Operative Marketing	2	Industrial Engineering & Management
Strategic Management	1	Industrial Engineering & Management
Applied Robotics	4	Mechatronics
Applied Robotics - Laboratory Work	1	Mechatronics
Computer Engineering 2	1	Mechatronics
Control Engineering 3	4	Mechatronics
Control Engineering 3 - Laboratory Work	1	Mechatronics
Digital Electronics 2	3	Mechatronics
Electrical Drives	3	Mechatronics
Electrical Drives - Laboratory Work	1	Mechatronics
Finite Elements	4	Mechatronics
High Frequency Technology	4	Mechatronics
Hospital Logistics	3	Mechatronics
Hygiene	1	Mechatronics
Image Reconstruction	2	Mechatronics
Image Reconstruction - Exercises	1	Mechatronics
IT-aided Procedures in Operative Medicine	4	Mechatronics
IT-aided Procedures in Operative Medicine - Exercises	1	Mechatronics
Medical Device Engineering	3	Mechatronics
Medical Device Engineering - Project Work	2	Mechatronics
Minimally Invasive Procedures	3	Mechatronics
Minimally Invasive Procedures - Exercises	1	Mechatronics
Processing & Simulation of Biosignals	4	Mechatronics
Product Development Project	1	Mechatronics
Product Development Project	1	Mechatronics
Product Development: Electrical Engineering	3	Mechatronics
Product Development: Electrical Engineering	3	Mechatronics
Production Machinery	4	Mechatronics
Production Planning, Control & Logistics	1	Mechatronics
Quality Management in Medical Engineering	1	Mechatronics
Turbomachinery	3	Mechatronics

Management & Society

Master programs

course	ECTS	study program
Architecture & Tourism	2	Entrepreneurship & Tourism
Communication & Sales Training	3	Entrepreneurship & Tourism
Cross-Cultural Competencies & Ethics	2	Entrepreneurship & Tourism
Emerging Tourism Markets	3	Entrepreneurship & Tourism
eTourism – Business Models	3	Entrepreneurship & Tourism
FBM/Entrepreneurship Case Studies	3	Entrepreneurship & Tourism
Global Economics	3	Entrepreneurship & Tourism
International Marketing	3	Entrepreneurship & Tourism
International Tourism	3	Entrepreneurship & Tourism
Strategic Pricing & Yield Management	2	Entrepreneurship & Tourism
Sustainability & Tourism	3	Entrepreneurship & Tourism
Business Ethics	1,5	International Business & Law
Entrepreneurship	3	International Business & Law
European Company Law	1,5	International Business & Law
European Competition Law	3	International Business & Law
Financial Risk Management	1,5	International Business & Law
General Management Experience	3	International Business & Law
International Accounting	3	International Business & Law
International Finance	3	International Business & Law
International Leadership	1,5	International Business & Law
Mergers & Acquisitions	3	International Business & Law
Research Methods	3	International Business & Law
Strategic Simulation	3	International Business & Law
Business Ethics	2,5	Management, Communication & IT
Communication & Networking	2,5	Management, Communication & IT
Innovation & Service Design	2,5	Management, Communication & IT
Leadership & Change Management	2,5	Management, Communication & IT
Security for Smart Technologies	2,5	Management, Communication & IT
Smart Industries	2,5	Management, Communication & IT
Smart Technologies	2,5	Management, Communication & IT

Strategic Management	2	Management, Communication & IT
Technology & Life Sciences		
Master programs		
course	ECTS	study program
Academic Writing	2	Biotechnology
Bioinformatics	2,5	Biotechnology
Biopharmaceutical Development and Production	3	Biotechnology
Biopharmaceutical Development and Production Seminar	1	Biotechnology
Biosafety	1,5	Biotechnology
Cell Culture Technology	3	Biotechnology
Clinical Diagnostics	1,5	Biotechnology
Human Physiology	2,5	Biotechnology
Industrial Projects 3	5	Biotechnology
Intellectual Property Rights in Biotechnology	1,5	Biotechnology
Legal Framework in Corporate Management	1,5	Biotechnology
Plant and Operational Safety	1,5	Biotechnology
Qualification and Validation in Biotechnological Industry	1	Biotechnology
Recent Research Projects 3	1	Biotechnology
Upstream Processing	1,5	Biotechnology
Chemical Product Design and Development	1	Environmental, Process & Energy Engineering
Chemical Technology Seminar	1	Environmental, Process & Energy Engineering
Computational Fluid Dynamics - Simulation	3	Environmental, Process & Energy Engineering
Computational Fluid Dynamics - Theory	2	Environmental, Process & Energy Engineering
Field Trip	1	Environmental, Process & Energy Engineering
Flow and Transport in Environmental Engineering	2,5	Environmental, Process & Energy Engineering
Heating and Cooling Technology	2,5	Environmental, Process & Energy Engineering
Industrial Scale-Up	2	Environmental, Process & Energy Engineering
Interdisciplinary Project	10	Environmental, Process & Energy Engineering
Membrane Technology	2,5	Environmental, Process & Energy Engineering
Plant Design Project	5	Environmental, Process & Energy Engineering
Plant Engineering	3	Environmental, Process & Energy Engineering
Plant Safety	2	Environmental, Process & Energy Engineering
Renewable Energy Systemes	2,5	Environmental, Process & Energy Engineering
Academic Writing	2	Food Technology & Nutrition
Applied Industrial Projects 3	5	Food Technology & Nutrition
Food Medicine	3	Food Technology & Nutrition
Food Medicine Seminar	3	Food Technology & Nutrition
Legal Aspects of Engineering	1,5	Food Technology & Nutrition
Legal Dimension of Entrepreneurship / Business Formation	1,5	Food Technology & Nutrition
Quality Control	4	Food Technology & Nutrition
Quality Control Laboratory	3	Food Technology & Nutrition
Recent Research Projects 3	2	Food Technology & Nutrition
Trends in Food Science, Nutrient & Technology	5	Food Technology & Nutrition
Distribution & Sales Management	2	Industrial Engineering & Management
Innovation & Start up	2	Industrial Engineering & Management
Integrative Project III	5	Industrial Engineering & Management
IT-based Business Management	4	Industrial Engineering & Management
Marketing and Product Management	2	Industrial Engineering & Management
Production Engineering & Operations III	4	Industrial Engineering & Management
Sourcing & Procurement	1	Industrial Engineering & Management
Strategic Management	2	Industrial Engineering & Management
Academic Writing	1	Mechatronics and Smart Technologies
Business Planning	1	Mechatronics and Smart Technologies
Computational Methods of Fluid Dynamics	3	Mechatronics and Smart Technologies
Current Research Areas 3	2	Mechatronics and Smart Technologies
Electromagnetic Simulation	4	Mechatronics and Smart Technologies
Handling Technology	3	Mechatronics and Smart Technologies
Industrial Electronics	3	Mechatronics and Smart Technologies
Leadership Developments	1	Mechatronics and Smart Technologies
Mechanical Simulation	4	Mechatronics and Smart Technologies
Multibody and Multiphysics Simulation	3	Mechatronics and Smart Technologies
Process Management and Logistics	2	Mechatronics and Smart Technologies
Project 2	10	Mechatronics and Smart Technologies
Transient Simulation	3	Mechatronics and Smart Technologies
International Program		
course	ECTS	study program
Entrepreneurship	3	International Program
EU Integration and Ethics	4	International Program
Global Markets & Institutions	3	International Program
International Marketing	3	International Program
Sports Marketing	3	International Program
Understanding Austrian Society and Culture	4	International Program

*not included: BA and MA Social Work, BA Nonprofit, Social & Health Care Management, MA International Business Studies and MA International Health & Social Management; still these students will be able to choose courses out of these programs for fall 2018/19.