

## Master Studies International Business and Engineering (M.Eng.)

Module / Subject		Type	Duration (weeks)			CP	Examination		Coursework		Value
--- Obligatory Classes ---			1	2	3		Sem	Type	Sem	Type	
3435	<b>Energy and Sustainability</b>		10			16	1	SRP			16
1395	Different Approaches to Sustainability		5								
1394	Environmental Engineering		5								
3436	Energy Policy and Energy Markets		5								
3437	Introduction to Energy (conventional)		5								
2380	Renewable Energies		5								
3438	<b>Top Management</b>		5			8	1	CS			8
1373	Strategic Management		5								
1392	Risk Management		5								
1393	Project Management		5								
3439	<b>International Framework</b>		5			8	1	WE			8
1402	Global Economics		5								
1401	International Markets		5								
3440	Research Methods for Business Economics		5								
3441	<b>Modern Technologies and Development</b>			5		8					8
3442	Modern Materials / Modern Application			5			2	WE			4
3443	Advanced Innovation Management			5							
3444	Applied Research & Product Development / Prototyping			5			2	Pr			4
3445	<b>International Collaboration</b>			5		6					6
1403	Intercultural Communications			5					2	RO	
2337	International Law			5			2	Pr			2
2843	Language			20			4	RPr			4
3446	<b>Middle Management</b>			5		6	2	PrW			6
1374	Organisational Behaviour			5							
3447	Leadership and Influence Processes			5							
3448	Self-Management			5							
2604	<b>Engineering Design Project</b>			20		6	2	PW			6
2604	Engineering Design Project			20							
A-1003	<b>Master-Thesis</b>	Thesis			18	26	3	Th/Co			26
	<b>Elective</b>			5		6		div			6
	Elective			5							
	<b>Sum</b>					90					

PC Preparatory Course  
 PW Project Work  
 WE Written Exam  
 SRP Student Research Project  
 Pr Presentation  
 Pro Protocol  
 Th Thesis  
 Te Test  
 CombE Combined Exam

CS Case Study  
 PrW Practical Work  
 Ro Role Play  
 LD Learning Diary  
 RaD Research and Documentation  
 RPr Report/Presentation  
 Co Colloquium  
 PD Project Development

## **Further Regulations**

### **(1) Specific Entry Requirements**

- a. For a direct entry (90 CPs Master) without a preliminary course: Bachelor Degree with 210 CPs in the field of Industrial Engineering with a final grade of at least 2,5
- b. Non consecutive entry (120 CPs Master): Business preliminary course (30 CPs): Bachelor Degree in Mechanical, Electrical or Chemical Engineering with 180 CPs and a final grade of at least 2,5  
Technical preliminary course (30 CPs): Bachelor Degree in Economics with 180 CPs and a final grade of at least 2,5
- c. IELTS 6.5/TOEFL 80 or other proof of English proficiency (TOEFL code of SRH: 7712)
- d. successful participation in an individual qualification assessment = motivation letter + selection interview (online or on-site)

### **(2) Regulatory Framework**

- a. The Master Program includes 90 ECTS within 1,5 years or 120 ECTS including the pre-course within two years. 1 ECTS equals 25 hours of workload.  
Results from the preparatory course do not affect the final result from the Master Program.  
Each course contributes (1/90) multiplied by the amount of credit points to the final grade
- b. Type of studies: Full time attendance
- c. All exams within a module need to be passed in order to clear one module

### **(3) Particularities**

- a. The student selects one elective module (6 ECTS). All electives will be announced during the 2<sup>nd</sup> semester.
- b. Language teaching takes place during the whole time of studies.

### **(4) Thesis and Final Examination**

- a. The admission to the thesis can only be granted with a maximum of two open courseworks and/or 8 ECTS open.
- b. Thesis work is scheduled for 4 months
- c. Final Examination is set for 30 minutes and relates to the Master Thesis, it counts for 20% of the Thesis grade. The examination will take place only after passing all other examinations
- d. The thesis and also the colloquium have to be written and presented in the language of the course of study. Under certain circumstances it is possible to apply for an exception. This written application has to be approved and signed by the dean of studies.