

MME-PS – Suggested Curriculum Overview

1 Semester

WS

Compulsory Courses - Engineering				Elective Courses - Engineering	
Production Management A	Machine Tools	Industrial Intelligence Interlaced Quality Management	Manufacturing Technology I	and	Elective I
Compulsory Courses - Management				Choose from these electives (not all options listed) <ul style="list-style-type: none"> • Simulation Techniques in Manufacturing Technology • Industrial Engineering and Ergonomics • Additive Manufacturing I • Laser Applications • Model based Systems Engineering • Process Analysis in Manufacturing Technology • Mechatronics and Control Techniques for Production Plants • Computational Intelligence in Engineering 	
Sustainable Development and the Global Economy					
Language Course					
German language course					

2 Semester

SS

Compulsory Courses - Engineering				Elective Courses - Engineering	
Manufacturing Technology II	Production Management B	Industrial Logistics		and	Elective II
Compulsory Courses - Management				Choose from these electives (not all options listed) <ul style="list-style-type: none"> • Digital Health Engineering and Entrepreneurial Innovation • Intelligent Monitoring of Engineering Systems • Industrial product development process - battery systems for hybrid and electric vehicles • Electric Mobility Components Production • Production Metrology Technologies 	
Finance and Accounting	Marketing Management				

3 Semester

WS

Compulsory Courses - Management			
Financial Management	Human Resource Management	Management Accounting	Strategic Management
International Business			

4 Semester

SS

Master Thesis (six months)					
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