Regelstudienplan Masterstudiengang "Quality, Safety and Enironment Subjects, Credits and hours of the Master Course QSE

MANAGEMENT Quality Management	No.	Subject	Hours per week			Credits		
MANAGEMENT					Total	Sem.		
1			I	II	Total	I	II	
2 Management of Ergonomics and Occupational Safety 1 3 3 5 5 5 5 5 5 5 5	MANAGEMENT							
3 Safety as a Learning Process 1	1	Quality Management		1				
4 Safety Management in Major Industries 5 Environmental Politics Strategies and Economy Credits Modul Management 2 3 5 5 3 QUALITY 6 Statistical Process Control in Quality Management 2 7 Quality through Intelligent Process Control 3 8 Product Quality in the Chemical Industry 3 3 8 5 4 Credits Modul Quality 5 3 8 5 4 SAFETY 9 Safety Analysis for Process Plants 3 9 10 Consequences of Accidents in Industries 3 1 1 Modelling and Simulation in Industrial Safety 2 1 1 1 1 2 Safety Aspects of Chemical Reactions, Transport and Storage of Bulk Materials 1 Experimental Fire and Explosion Protection 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	Management of Ergonomics and Occupational Safety	1					
Credits Modul Management 2 3 5 5 3	3	Safety as a Learning Process	1					
Credits Modul Management 2 3 5 5 3	4	Safety Management in Major Industries		1				
Q U A L I T Y	5	Environmental Politics Strategies and Economy		1				
6 Statistical Process Control in Quality Management 7 Quality through Intelligent Process Control 8 Product Quality in the Chemical Industry Credits Modul Quality 5 3 8 5 4 SAFETY 9 Safety Analysis for Process Plants 10 Consequences of Accidents in Industries 3 1 Modelling and Simulation in Industries 3 1 Modelling and Simulation in Industrial Safety 2 1 1 2 Safety Aspects of Chemical Reactions, Transport and Storage of Bulk Materials 13 Experimental Fire and Explosion Protection 1		Credits Modul Management	2	3	5	5	3	
6 Statistical Process Control in Quality Management 7 Quality through Intelligent Process Control 8 Product Quality in the Chemical Industry Credits Modul Quality 5 3 8 5 4 SAFETY 9 Safety Analysis for Process Plants 10 Consequences of Accidents in Industries 3 1 Modelling and Simulation in Industries 3 1 Modelling and Simulation in Industrial Safety 2 1 1 2 Safety Aspects of Chemical Reactions, Transport and Storage of Bulk Materials 13 Experimental Fire and Explosion Protection 1								
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15Waste Disposal116Waste Water Treatment2	ENVIRONMENT							
15Waste Disposal116Waste Water Treatment2	14	Clean-up of Contaminated Sites	1					
16 Waste Water Treatment 2		•						
 		1	2					
17 Combustion Engineering 3	17	Combustion Engineering	3					
18 Analytic of Waste Water, Solid Waste and Flue Gas 2	18		2					
19 Air Pollution Control - Global Warming 1	19	Air Pollution Control - Global Warming		1				
20 Thermal Waste Treatment 1	20	Thermal Waste Treatment		1				
21 Traffic and Environment 2	21	Traffic and Environment		2				
Credits Modul Environment 9 4 13 10		Credits Modul Environment	9	4	13	10		
TOPICAL		TOPICAL						
22 Excursions / Company Visits 2	22	Excursions / Company Visits					2	
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Total number of credits 30 30 60 30 30		Total number of credits	30	30	60	30	30	