

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

No.	Subject	Hours per week			Credits	
		Sem.		Total	Sem.	
		I	II		I	II
MANAGEMENT						
1	Quality Management		1		5	3
2	Management of Ergonomics and Occupational Safety	1				
3	Safety as a Learning Process	1				
4	Safety Management in Major Industries		1			
5	Environmental Politics Strategies and Economy		1			
Credits Modul Management		2	3	5		
QUALITY						
6	Statistical Process Control in Quality Management	2			5	4
7	Quality through Intelligent Process Control	3				
8	Product Quality in the Chemical Industry		3			
Credits Modul Quality		5	3	8	5	4
SAFETY						
9	Safety Analysis for Process Plants	3			10	1
10	Consequences of Accidents in Industries	3				
11	Modelling and Simulation in Industrial Safety	2	1			
12	Safety Aspects of Chemical Reactions, Transport and Storage of Bulk Materials	2				
13	Experimental Fire and Explosion Protection		1			
Credits Modul Safety		10	2	12	10	1
ENVIRONMENT						
14	Clean-up of Contaminated Sites	1			10	
15	Waste Disposal	1				
16	Waste Water Treatment	2				
17	Combustion Engineering	3				
18	Analytic of Waste Water, Solid Waste and Flue Gas	2				
19	Air Pollution Control - Global Warming		1			
20	Thermal Waste Treatment		1			
21	Traffic and Environment		2			
Credits Modul Environment		9	4	13		
TOPICAL						
22	Excursions / Company Visits					2
23	Master's Thesis					20
				22		22
Total number of credits						
		30	30	60	30	30