

## Study Plan - Master Industrial Mathematics and Data Analysis\*

### (Focus on Industrial Mathematics)

Sem.	Foundations		Area of Specialization	Extension		Compulsory Elective Modules	Application Subject
1	Numerical Methods for Partial Differential Equations 9 CP	Mathematical Methods for Data Analysis and Image Processing 9 CP	Special Topics Industrial Mathematics A 9 CP			Advanced Communications Industrial Mathematics 9 CP (2 x 4,5 CP)	Modules from one Application Subject 12 CP
2	Modeling Project 15 CP (6 CP + 9 CP)		Special Topics Industrial Mathematics B 9 CP	Special Topics Data Analysis A 9 CP	Advanced Communications Data Analysis 9 CP (2 x 4,5 CP)	or	
3						Special Topics Industrial Mathematics C 9 CP	
4			Master Thesis 30 CP				

Credit Points (in short: CP) indicate the average workload for a course or module, where 1 CP = 30 hours