Curriculum – M.Sc. Process Systems Engineering

Fakultät Bio- und Chemieingenieurwesen



Semester							Credits
1	Language Course 4	Computer Science for Engineers 5	Introduction to Process Dynamics and Control 5	Fundamentals of Chemical Engineering 8	Introduction to Reaction Engineering 5	PSE Laboratory Course 3	Σ 30
2	Modeling and Simulation 10	*Technical Specialization Course 1* 5	*Technical Specialization Course 2* 5	*Electives* 10			Σ 30
3	Group Project 10	Process Performance Optimization 5	Conceptual Design 4	*Technical Specialization Course 3* 5	*Electives* 6		Σ 30
4	Master Thesis 30						Σ 30

Compulsory modules

Compulsory elective modules (3 out of 6)

Elective modules