

Process Safety and Environmental Engineering

Selective Subjects (01.10.2019)

Wahlpflichtfächer	Lecturer	CP	SWS
Analysis and Design of Experiments	Dr. Wenzel	4	3
Advanced Process Systems Engineering	Prof. Sundmacher	5	4
Combustion Engineering	Prof. Specht	5	3
Computational Fluid Dynamics	PD Dr. Janiga	4	6
Control of Toxic Metal Emission	Prof. Köser	4	3
Dispersed Phase Systems in Chemical Engineering	Dr.-Ing. Borchert	3	2
Drying technology	Dr.-Ing. Kharaghani	4	3
Electrochemical Process Engineering	Dr.-Ing. Vidakovic-Koch	4	3
Environmental Biotechnology	Dr. Benndorf	3	2
Fuel cells	Dr. Vidakovic-Koch	5	3
Ignition processes and explosion protected devices	Dr. Beyer	3	2
Mechanical Process Engineering	Prof. van Wachem	5	4
Micro process engineering (exposed)	N.N.	3	2
Multiphase Flow Materials	Prof. Sommerfeld	4	2
Modern organic synthesis	Prof. Schinzer	3	2
Molecular modelling / Computational Biology and Chemistry	Dr. Stein	4	3
Nanoparticle technology	Dr. Hintz	4	3
Numerical simulation in explosion protection	Dr. Großhans	3	2
Plant and apparatus engineering in solid-state process engineering design: design, implementation and problem solving	HP Dr. Peglow	4	3
Plant Design	Dr. Gabel	5	3
Process Control	Prof. Kienle	4	3
Product quality in the chemical industry	Prof. Tsotsas	4	3
Renewable Energies: Materials, Components, Function	Prof. M. Scheffler	5	3
Simulation of Mechanical Processes	Prof. van Wachem	5	6

Sustainability Assessment for Biofuels	Dr. Rihko-Struckmann	4	3
Thermal Power Plants	Jun.-Prof. Fond	4	3
Transport phenomena in granular porous media	Prof. Tsotsas	5	3