

# Fakultät für Chemieingenieurwesen und Verfahrenstechnik

## Department of Chemical and Process Engineering

English Lectures / Module in englischer Sprache

Module code	Lecture Title	Lecturer	ECTS credits
M-CIWVT-105407	Additive Manufacturing for Process Engineering	Klahn	6,0
M-CIWVT-105201	Applied Combustion Technology	Harth	4,0
M-CIWVT-103441	Biofilm Systems	Hille-Reichel, Wagner	4,0
M-CIWVT-106297	Bioprocess Development	Grünberger	6,0
M-CIWVT-106030	Catalysts for Energy Transition (Bachelor)	Wolf	5,0
	Chemical Hydrogen Storage	Wolf	4,0
M-CIWVT-104356	Cryogenic Engineering	Grohmann	6,0
M-CIWVT-106319	Data-Based Modeling and Control	Meurer	6,0
M-CIWVT-105206	Design of a Jet Engine Combustion Chamber	Harth	6,0
M-CIWVT-105782	Digital Design in Process Engineering	Klahn	6,0
M-ETIT-105883	Electrocatalysis	Krewer	5,0
M-CIWVT-105207	Energy from Biomass	Bajohr, Dahmen	6,0
M-CIWVT-104320	Environmental Biotechnology	Tiehm	4,0
M-CIWVT-106320	Estimator and Observer Design	Jerono	6,0
M-CIWVT-105996	Extrusion Technology in Food Processing	Emin	4,0
M-CIWVT-105903	Industrial Wastewater Treatment	Horn	4,0
M-CIWVT-105993	Innovative Concepts for Formulation and Processing of Printable Materials	Willenbacher	4,0
M-CIWVT-104560	Instrumental Analytics	Guthausen	4,0
M-CIWVT-104321	Laboratory Work in Combustion Technology	Harth	4,0
M-CIWVT-105200	Liquid Transportation Fuels	Rauch	6,0
M-CIWVT-105380	Membrane Technologies in Water Treatment	Horn, Saravia	6,0
M-CIWVT-104319	Microbiology for Engineers	Schwartz	4,0
M-CIWVT-106316	Nonlinear Process Control	Meurer	6,0
M-CIWVT-106317	Optimal and Model Predictive Control	Meurer	6,0
M-CIWVT-103068	Physical Foundations of Cryogenics	Grohmann	6,0
M-CIWVT-105891	Power-to-X – Key Technology for the Energy Transition	Dittmeyer	6,0
M-CIWVT-103440	Practical Course in Water Technology	Abbt-Braun, Hille-Reichel, Horn	4,0
M-CIWVT-106313	Principles of Constrained Static Optimization	Jerono, Meurer	4,0
	Single-Cell Technologies	Grünberger	4,0
M-CIWVT-103407	Water Technology	Horn	6,0

Further information on the courses can be found in the Modulhandbuch.

Stand: 16.08.2023