

Design, Mechanics and Materials

Focus Coordinator: Prof. Kristina Shea

Elective Courses	LE-Nr.	ETCS HS 15	ETCS FS 15
Methoden der Strukturanalyse	151-0360-00	4	
Strukturlabor	151-0364-00	4	
Continuum Mechanics 1*	151-0524-00	4	
Umformtechnik I - Grundlagen	151-0731-00	4	
Dynamic Behavior of Materials and Structures	151-0735-00	4	
Studies on Engineering Design	151-3201-00	3	
Grand Challenges in Engineering Design	151-3203-00	1	
Leichtbau	151-3207-00	4	
Engineering Design Optimization	151-3209-00	4	
Dimensionieren II	151-0304-00		4
Visualization, Simulation and Interaction - Virtual Reality I*	151-0306-00		4
GL zum Bemessen von Kunststoffbauteilen*	151-0324-00		4
Product Development: Leading Engineering Projects and Coaching Design Teams	151-0330-00		4
Interdisciplinary Product Development: Definition, Realisation And Validation Of Product Concepts	151-0332-00		4
Structural Analysis with FEM*	151-0361-00		4
Nonlinear Dynamics & Chaos I*	151-0532-00		4
Experimentelle Mechanik*	151-0540-00		4

* Courses from the Master program, please contact lecturers to ask permission to attend.