

## Masterstudiengang Production Systems Engineering an der RWTH Aachen (IntAc)

PO 2013 - 1. ÄO - Stand: 26.02.2019

Compulsory Courses											
Modulverantwortliche	Dozenten	Module	CP	V	Ü/L	Σ SWS	Sommer / Winter	Σ CP	Σ SWS	Σ CP	Σ SWS
Klocke	Brumm	Gear and Transmission Technology	6	2	2	4	w	6	4	35	23
Klocke	Klocke	Manufacturing Technology II	6	2	2	4	s	6	4		
Brecher	Brecher	Mechatronics and Control Techniques for Production Plants	6	2	2	4	w	6	4		
Schuh	Schuh	Production Management B	5	2	1	3	s	5	3		
Schmitt	Schmitt	Quality Management	6	2	2	4	w	6	4		
Reisgen	Reisgen	Welding and Joining Technologies	6	2	2	4	s	6	4		

Elective Courses											
Modulverantwortliche	Dozenten	Module	CP	V	Ü/L	Σ SWS	Sommer / Winter	Σ CP	Σ SWS	Σ CP	Σ SWS
Jeschke, S.	Jeschke, S.	Advanced Software Engineering	5	2	2	4	w	5	4	19	*
Abel	Abel	Control Engineering	3	1	1	2	w	3	2		
Kampker	Kampker	Factory Planning	6	2	2	4	s	6	4		
Klocke	Klocke	High Precision Glass Optics Manufacturing	5	2	2	4	w	5	4		
Schuh	Schuh	Industrial Logistics	5	2	1	3	s	5	3		
Feldhusen	Feldhusen	Machine Design Process	5	2	2	4	w	5	4		
Brecher	Brecher	Machine Tools**	5	2	2	4	w	5	4		
Markert	Markert/Jenkouk	Mechanics of Forming Processes	5	2	2	4	w	5	4		
Brecher	Brecher	Mini Thesis **	9	0	0	270	sw	9	0		
Schulz	Schulz	Modelling, Model Reduction and Simulation in Lasers Processing - Laser	5	2	2	4	s	5	4		
Schulz	Schulz	Modelling, Model Reduction and Simulation in Lasers Processing - Applications	5	2	2	4	w	5	4		
Markert	Markert	Molecular Mechanics and Multiscale Modelling of Materials	5	2	2	4	w	5	4		
Corves	Corves	Multi Body Dynamics	6	2	2	4	s	6	4		
Klocke	Klocke	Process Chains for Replication of Complex Optical Components	3	1	1	2	s	3	2		
Schmitt	Schmitt	Production Metrology	5	2	2	4	s	5	4		
Jacobs	Jacobs	Tribology	5	2	2	4	w	5	4		

\* The total amount of weekly contact hours (SWS) depends on the modules selected.

\*\* Only for Tsinghua University exchange Students