


Double-Degree UMP-HsKA Bachelor „Mechatronics“



SEM 1						
SEM 2						
SEM 3						
SEM 4			MTB312 Simulation 1, Matlab- Simulink 2 ECTS			
SEM 5			MTBXXX Spec. Elective 6 ECTS			
SEM 6		MTBXXX Spec. Elective 6 ECTS	MTB431,432 Control Systems Engineering 3+3 ECTS			
SEM 7	Internship Preparation 2 ECTS	Internship 26 ECTS				Internship Follow-up 2 ECTS
SEM 8		MTB 640 Team-oriented Project Studies 6 ECTS	MTB 622 FEM Analysis 2 ECTS			
SEM 9			Bachelor Thesis 12 ECTS		Final Examination 2 ECTS	

HSKA Modules

Shared Modules

Double-Degree UMP-HsKA Bachelor „Automotive“



SEM 1					
SEM 2					
SEM 3					
SEM 4		Numerical Programming (Matlab, Simulink) 2 ECTS			
SEM 5			Automotive Elective 1 6 ECTS		
SEM 6			Automotive Elective 2 6 ECTS		
SEM 7	Internship Preparation 3 ECTS	Internship 24 ECTS			Internship Follow-up 3 ECTS
SEM 8			Automotive Elective 3 6 ECTS	Final Year Automotive Project 5 ECTS	
SEM 9				Final Year Automotive Project 12 ECTS	Final Examination 3 ECTS

HSKA Modules

Shared Modules