

Study Plan – Bachelor's program B.Eng. Automotive Engineering

	WS	SS	WS	SS	WS	SS	WS	SS	WS
Semester (WS = winter, SS= summer)	1	2	3	4	5	6	7	8	9

	Total	CP	CP	CP	CP	CP	CP	CP	CP	CP
Total Credits	210	22	25	23	20	25	22	25	28	20

Fundamentals of Mathematics and Natural Sciences	42	17	15	10						
Starting (p = project)	2	2 (p)								
Mathematics for Engineers	15	5	5	5						
Fundamentals of Computer Science	5			5						
Physics	10	5	5							
Materials Science	10	5	5 (p)							

Fundamentals of Engineering	60	5	10	13	12	20				
Technical Mechanics I	5	5								
Technical Mechanics II	5		5							
Technical Mechanics III	5			5						
Vibration Theory	5				5					
Technical Drawing / CAD (p)	5			3 (p)	2					
Manufacturing Processes	5					5				
Machine Elements I	5		5							
Machine Elements II (p)	5			5 (p)						
Thermodynamics und Fluid Dynamics	5					5				
Electronics	5				5					
Control Engineering	5					5				
Vehicle Sensors (p)	5					5 (p)				

Automotive Engineering	30				5	5	20			
Driving Mechanics	5				5					
Vehicle Drivetrain	5						5			
Automotive Chassis	5						5			
Body Engineering	5						5			
Automotive Electrics and Electronics	5					5				
Automotive Systems Engineering	5						5			

Electives	15					5		15		
Electives	10							10		
Elective Projects	5							5 (p)		

Economy	5							5		
Business Administration	5							5		

Key Qualifications	5				3		2			
Blocks (e.g. languages ...)	5				3		2			

Practical Engineering Semester	28								28	
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Projects	5							5		5
Student Research Project	5							5 (p)		
Bachelor Seminar	5									5

Bachelor Thesis	12									12
Final oral examination	3									3