Automotive Engineering (M.Sc.) at RWTH Aachen University Programme Outline (valid for regulation MPO 2020/150)



to Mechanical Engineering (B.Sc. RWTH) required at RWTH Equivalence Bachelor

Automotive Engineering (M.Sc.)

Curriculum duration: 3 semesters, starting in October

1st	2nd	3rd
•	I. Alternative and Electrified Vehicle Propulsion Systems II. Internal Combustion Engines – Design & Mechanics III. Machine Design of Rigid Systems IV. Structural Design of Vehicles	Master Thesis: 30 CP in English (German
Elective modules: total 22 CP In English: Lectures/exercises/labs & examination		permitted), plus oral presentation
Catalogue of 14 different modules (5 – 6 CP/module)	Catalogue of 11 different modules (2 – 6 CP/module)	
Enrolment condition modules*: maximum 30 CP In English: Lectures/exercises & examination		

* A high number of enrolment conditions will lead to a longer duration of studies (usually one additional semester)

Professional career or further qualification

Ph.D.,

(e.g.