

Admission requirements 2021

For the discipline mechanical engineering, **88 CPs** from the engineering science and mathematical-natural science area (excluding the practical work activity) must be proven, which contain comparable achievements in indicated extent in the following basic modules of the Bachelor study course mechanical engineering of the RWTH:

Area	Modul	CP
Mechanic	Mechanic I	18
	Mechanic II	
	Mechanic III	
Machine Design/ Machine elements	Machine Design I and Introduction to CAD	13
	Machine Design II	
	Machine Design III	
Thermodynamics	Thermodynamics I - II	7
Heat and Mass Transfer	Heat and Mass Transfer I	6
Materials Science	Materials Science I	10
	Materials Science II	
Automatic Control	Automatic Control	6
Fluid mechanics	Fluid mechanics I	6
Mathematics	Mathematics I	17
	Mathematics II	
	Mathematics III	
Computer science	Computer science in Mechanical Engineering	5

For the admission in connection with a condition § 3 exp. 6 ÜPO applies.

If requirements amounting to **more than 12CP** are required, admission to the Master's program is **not possible**.

Additionally, admission to the Master's program is **not possible**, if the area "computer science" would be required as an edition.