

BSc Mechanical Engineering Electives

Electives (Semesters 4, 5 & 6)			
Code	Name of module	Credit Points	Page
ADDFT-E	Additive Manufacturing	5	3
CPPA-E	Cyber Physical Production Systems	5	12
ENNR-E	Energy from Biomass	5	18
FEM-E	Finite Element Methods	5	28
KK1-E	Introduction to Car Body Design	5	38
FWF-E	Introduction to Vehicle Dynamics	5	42
FUEGET-E	Joining Technology	5	47
KONC-E	Machine Elements and Systems C	5	53
MTR-E	Mechatronics	5	67
PPS-E	Production Planning and Control	5	69
RBF-E	Robot-based Manufacturing	5	73
SOM-E	Software Applications in Mechanical Engineering	5	75
MPE-E	Systematic Product Development	5	78
TTD2-E	Technical Thermodynamics II	5	85
TET-E	Technology and Ethics	5	89
TSM-E	Thermal Modelling of Real Systems	5	91
WEA-E	Wind Turbines	5	93

Information for exchange students:

Electives will be offered in both semesters but not every elective every semester. Students should consult the Student Exchange Coordinator for a list of electives for their chosen semester: ti-international@haw-hamburg.de

Electives can be subject to change.

SoSe: summer semester (April-July)

WS: winter semester (October – February)

Status: BSc Mechanical Engineering (English) module handbook 01.10.2024. Page numbers refer to the page in the module handbook, where the course description, etc. can be found.