

Bsc	
Modules	Courses per module
MOD 1 - Design and Manufacturing - 202000103	TIME - 202300054 Calculus 1A - 202300055 Statistics - 202300049 Modelling and Programming 1 - 202300050 Manufacturing Systems - 202300052 Technical Product Def. - 202300051 Project Design of a Mechanical Tool & Academic Skills 1 - 202000106
MOD 2 - Energy and Materials - 202000108	Calculus 1B - 202001201 Engineering Thermodynamics 1 - 202300056 Modelling and Programming 2 - 202300057 Material Science 1 - 202000110 Project Design of a Mechanical Tool & Academic Skills 1 - 202000112 Project Analysis Energy & Academic Skills 2 - 202000111
MOD 3 - Energy and Sustainability - 202000114	Calculus 2 - 202001218 Engineering Thermodynamics 2 202300058 Modelling and Programming 3 - 202300059 Material Science 2 - 202000116 Introduction to LCA - 202000117 Project Design Energy Systems & Academic Skills 3
MOD 4 - Design and Mechanics - 202000121	Linear Algebra - 202001210 Mechanics of Materials 202300060 Modelling and Programming 4 - 202300061 Machine Elements - 202000123 Project Design and Construction & Academic Skills 4 - 202000124
MOD 5 - Dynamic Systems - 202000126	Vector Calculus - 202001228 Dynamics 1 - 202000127 System Analysis - 202000128 Project Precision Mechanics & Academic Skills 5 - 202000129
MOD 6 - Product Design - 202000131	Processing and Properties of Polymers - 202000132 Elasticity Theory - 202000133 Tribology - 202000134 Project Product Design & Academic Skills 6 - 202000135
MOD 7 - Fluid Mechanics & Heat Transfer - 202000137	Fluid Mechanics 1 - 202000138 Heat Transfer - 202000139 Project Fluids Engineering & Academic Skills 7
MOD 8 - Mechatronic Design - 202000142	Dynamics 2 - 202000143 System and Control Engineering - 202000144 Project Mechatronics & Academic Skills 8 - 202000145
MOD 9 - MINOR - FREE MINOR	
MOD 10 - MINOR - FREE MINOR	
MOD 11 - Production Systems Engineering - 202000147	Statistics - 202000148 Intro Finite Element Method - 202000149 Academic Research & Skills - 202000150 Project Production Systems Engineering - 202000151
MOD 12 - Research Assignment for Exchange Students - 202200302	Research Assignment for Exchange students - 202200302 Socital Embedding Assignment - 202000155

Legenda

Module	Module is not open to exchange students, maybe some separate courses are
Courses	Courses are not open to take separate from the other courses in this module/package
Module	Module is open to exchange students
Courses	Courses are open to follow without taking the entire module/package

* There is no use in taking this course if you're not taking the Research Assignment in MOD12

This course will prepare you for the research assignment

* If you take the Research assignment you **NEED TO** take

Academic Research & Skills - 202000150 in MOD11 as well (prepatory course for the assignment)

Extra/Additional courses*:

Programming in Engineering - 191158510

Advanced Programming in Engineering - 191158500

*these courses can be taken in case you need to take (extra) ECTS, but you're not able to find course up to the desired amount of ECTS within the Mechanical Engineering modules.

The amount of ECTS depends on the number of assignments you will take during the course.

The course can be taken throughout the entire year as self-study (online)