

**FACULTY OF
MECHANICAL
ENGINEERING
AND DESIGN**

- Please try to choose the courses from the same semester, in order to avoid timetable clashed.
- The majority of your subjects (around 3) should be from your main faculty with which your university has an agreement.
- Bachelor level students are only allowed to choose Master level subjects after receiving a permission from the professor of that subject.

Bachelor courses

Spring

Course code	Course title	ECTSCredits	Semester
P190B231	Theoretical Mechanics	6	2
T450B103	Materials Science and Engineering	6	2
T210B198	Engineering Drawing	6	2
T130B186	Fundamentals of Digital Manufacturing and Mechatronics	6	2
W200B104	Fundamentals of Fashion Design	3	2
T470B125	Materials Science	9	2
T210B301	Computer Drawing	3	2
T310B100	Human Factors in Aviation	3	2
T310B107	Fundamentals of Aerodynamics	6	2
T210B168	Engineering Mechanics	6	2
T200B109	Applied Thermodynamics and Fluid Mechanics	6	4
T210B147	Structural Integrity	6	4
T210B200	Machine Dynamics	6	4
T210B171	Numerical Methods in Engineering	6	4
T120B008	Signals Theory	3	4
T310B107	Fundamentals of Aerodynamics	6	4
W240B001	Methods of Prototyping	3	4
T210B036	Computer-Aided Analysis of Structures	6	6
T210B196	Design of Mechanical System	6	6
T120B007	Microprocessor Technique	6	6
T210B146	Lightweight Structures	6	6
T210B152	Aircraft Design	6	6
T150B175	Functional Clothing	6	6
T470B149	Development of New Product of Fashion	6	6

Master courses

Spring

Course code	Course title	ECTS Credits	Semester
T000M161	Research Project (Fashion Innovation Technologies)	6	2
T130M016	Quality Management	6	2
T210M023	Computer-Aided Analysis of Structures	6	2
T130M023	Innovative Production Technologies	6	2
T210M134	Industrial Maintenance	6	2
T210M203	Applied Fluid Dynamics	6	2
T210M513	Computational Solid Mechanics	6	2
T210M110	Dynamics of Mechatronic Systems	6	2
T210M032	Integrated CAD/CAE/CAM Systems	6	2
T130M030	Automation of Production Processes	6	2
T310M103	Flight Control and Management Systems	6	2
T180M122	Telecommunications and Navigation	6	2
T210M514	Structural Integrity of Aircraft Structures	6	2
W240M010	Circular Design Strategies	6	2
W200M100	Design for the Future	6	2
W200M104	Parametric Modelling and Prototyping	6	2