

Please find below the list of courses available for Erasmus students at the Faculty of Technology and Education in the academic year **2019/2020**.

Department of Mechatronics and Applied Mechanics		
No	Course title	ECTS points
1	<u>Introduction to mechatronics</u>	3
2	<u>Mechatronics</u>	4
3	<u>Relational database management systems</u>	2
4	<u>Mechatronic systems design in automotive vehicles</u>	5
5	<u>Strength of materials</u>	4
6	<u>Technical mechanics</u>	4
7	<u>Engineering graphics and engineering drawing</u>	4
8	<u>Computer and programming</u>	4
9	<u>Automotive mechatronics</u>	5
10	<u>Simulation and virtual prototyping of mechatronic systems</u>	5
11	<u>Object oriented programming of devices</u>	3
12	<u>Mechatronics-diagnostics, servicing and operation</u>	6
13	<u>Design of mechatronic systems</u>	4

Department of Biomedical Engineering		
No	Course title	ECTS points
1	<u>Computer methods of biomedical engineering</u>	3
2	<u>Sensors and medical measuring technique</u>	4
3	<u>Medical physics and technique</u>	2
4	<u>Modelling of biological systems and processes</u>	2
5	<u>Fundamentals of biomechanics</u>	5