

Subjects taught in English 2020-2021

UNDERGRADUATE COURSES

> FALL TERM

Subjects taught TOTALLY in English

SUBJECT	YEAR	ENGLISH ECTS
Computational Biology	3	4
Design Techniques & Creativity	3	4
Digital Signal Processing	4	6
Digital Systems	3	4
Electric Drives	4	6
Electromagnetic Compatibility Systems	4	4
Energy Technologies	4	4
European Studies	3	2
Fabrication of Electronic Systems	4	6
Fluid Power	4	4
Fresh Thinking	4	2
Genomics and Proteomics	4	6
Information Theory & Coding	4	6
Modelling & Simulation	4	4
Production Planning & Scheduling	3	4
Prototyping	3	6
Signal Theory	2	6
Transport Phenomena in Biomedical Systems	3	4
Vehicle Systems Engineering	4	6
Bachelor Thesis Project	4	12
Spanish Language course for international students		4

Subjects taught PARTIALLY in English

**The number of ECTS in English shows how much of the course will be given in English and is therefore, for information purposes only. Students will be registered for the entire subject.*

SUBJECT	YEAR	FULL ECTS*	ENGLISH ECTS*
Antennas and Propagation	3	6	5.5
Biomechanics & Biorobotics	4	6	4
Business Administration	2	6	3
CAD/CAM	3	6	3
Computer Architecture	3	6	3
Computer Programming II	3	4	2
Electronic Design	4	6	1
Material Science	3	4	2
Network Security	4	4	1
Renewable Energy	3	4	2

➤ **SPRING TERM**

Subjects taught **TOTALLY** in English

SUBJECT	YEAR	ENGLISH ECTS
Electronic Communications	3	6
European Studies	3	2
Ergonomics	4	4
Fresh Thinking	4	2
Machine Components Design	4	4
Measurement & Instrumentation Systems	3	6
Optoelectronics & Optical Communications	3	4
Signal Processing	2	6
Software Engineering	3	4
Strength of Materials II	3	4
Tissue Engineering	4	4
Bachelor Thesis Project	4	12
Spanish Language course for international students		4

Subjects taught PARTIALLY in English

**The number of ECTS in English shows how much of the course will be given in English and is therefore, for information purposes only. Students will be registered for the entire subject.*

SUBJECT	YEAR	FULL ECTS*	ENGLISH ECTS*
Advanced Implementation of Digital Systems	4	4	1
Computer Architecture II	3	4	2
Computer Programming II	2	4	2
Electronic Properties of Materials	3	4	1.5
Environmental Technology	2	4	3
Fluid Mechanics	3	6	1
Industrial Automation & Instrumentation	4	6	5
Power Electronics	4	4	3
Radiofrequency	3	4	1.5
Signal and Systems	2	4	1
Telematic Systems	4	6	1.5
Thermal and Fluids Technology	4	6	3