

**LEGANES CAMPUS-ENGINEERING STUDIES (2022/23)**

<b>Subjects</b>	<b>Study Program</b>	<b>ECTS Credits</b>	<b>Year</b>	<b>Semester</b>
<u>Calculus I</u>	Bachelor Degree in Aerospace Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Aerospace Engineering	6	1º	1st
<u>Linear Algebra</u>	Bachelor Degree in Aerospace Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Aerospace Engineering	6	1º	1st
<u>Statistics</u>	Bachelor Degree in Aerospace Engineering	6	1º	1st
<u>Fluid Mechanics I</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Mechanics applied to Aerospace Engineering</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Introduction to engineering management</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Aerospace Materials I</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Aerodynamics I</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Electronics engineering fundamentals</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Aerospace Structures</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Aircraft Systems</u>	Bachelor Degree in Aerospace Engineering	3	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Aerospace Engineering	3	3º	1st
<u>Aerospace Propulsion I</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Aerospace Design II</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Soft Skills</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Aerodynamics II</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Onboard systems design</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Aeroelasticity</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Turboprop Design</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Combustion</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Turbomachinery Design</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Writing and communication skills</u>	Bachelor Degree in Applied Mathematics and Computing	3	1º	1st
<u>Linear Algebra</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	1st
<u>Differential Calculus</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	1st
<u>Fundamentals of Algebra</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	1st
<u>Programming</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	1st
<u>Skills: Humanities I</u>	Bachelor Degree in Applied Mathematics and Computing	3	1º	1st
<u>Numerical Methods</u>	Bachelor Degree in Applied Mathematics and Computing	6	2º	1st
<u>Cryptography</u>	Bachelor Degree in Applied Mathematics and Computing	6	2º	1st
<u>Computer Structure</u>	Bachelor Degree in Applied Mathematics and Computing	6	2º	1st
<u>Integration and Measure</u>	Bachelor Degree in Applied Mathematics and Computing	6	2º	1st
<u>Automata and formal languages theory</u>	Bachelor Degree in Applied Mathematics and Computing	6	2º	1st
<u>Information Skills</u>	Bachelor Degree in Applied Mathematics and Computing	1,5	3º	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Applied Mathematics and Computing	1,5	3º	1st
<u>Computer Architecture</u>	Bachelor Degree in Applied Mathematics and Computing	6	3º	1st

<u>Ordinary differential equations</u>	Bachelor Degree in Applied Mathematics and Computing	6	3º	1st
<u>Statistics</u>	Bachelor Degree in Applied Mathematics and Computing	6	3º	1st
<u>Heuristics and Optimization</u>	Bachelor Degree in Applied Mathematics and Computing	6	3º	1st
<u>Skills: Humanities II</u>	Bachelor Degree in Applied Mathematics and Computing	3	3º	1st
<u>Calculus I</u>	Bachelor Degree in Biomedical Engineering	6	1º	1st
<u>Chemistry</u>	Bachelor Degree in Biomedical Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Biomedical Engineering	6	1º	1st
<u>Introduction to Bio-Engineering</u>	Bachelor Degree in Biomedical Engineering	6	1º	1st
<u>Linear Algebra</u>	Bachelor Degree in Biomedical Engineering	6	1º	1st
<u>Biochemistry</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Biomechanics of Continuum Media I (solids)</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Differential Equations</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Physics III</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Systems and Signals</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Information skills</u>	Bachelor Degree in Biomedical Engineering	1,5	3º	1st
<u>Medical Physiology I</u>	Bachelor Degree in Biomedical Engineering	6	3º	1st
<u>Statistics</u>	Bachelor Degree in Biomedical Engineering	6	3º	1st
<u>Transport phenomena in biomedical engineering</u>	Bachelor Degree in Biomedical Engineering	6	3º	1st
<u>Control Engineering</u>	Bachelor Degree in Biomedical Engineering	3	3º	1st
<u>Measuring Instrumentation</u>	Bachelor Degree in Biomedical Engineering	6	3º	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Biomedical Engineering	1,5	3º	1st
<u>Computational Biology</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Robotics</u>	Bachelor Degree in Biomedical Engineering	3	4º	1st
<u>Humanities</u>	Bachelor Degree in Biomedical Engineering	3	4º	1st
<u>Medical instrumentation and devices</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Tissue/organ regeneration and bioengineering</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Advanced topics in medical image</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Biomedical microdevices</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Introduction to biomedical image</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Computer Science and Engineering	6	1º	1st
<u>Calculus</u>	Bachelor Degree in Computer Science and Engineering	6	1º	1st
<u>Physics</u>	Bachelor Degree in Computer Science and Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Computer Science and Engineering	6	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Computer Science and Engineering	3	1º	1st
<u>Skills: Humanities I</u>	Bachelor Degree in Computer Science and Engineering	3	1º	1st
<u>Software Engineering</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Statistic</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Computer Structure</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Introduction to business management</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Automata and Formal Language Theory</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Multimedia</u>	Bachelor Degree in Computer Science and Engineering	6	4º	1st

<u>Real Time Systems</u>	Bachelor Degree in Computer Science and Engineering	6	4 <sup>o</sup>	1st
<u>Computing Technologies for the Web</u>	Bachelor Degree in Computer Science and Engineering	6	4 <sup>o</sup>	1st
<u>Soft Skills</u>	Bachelor Degree in Computer Science and Engineering	3	4 <sup>o</sup>	1st
<u>Corporate information systems development</u>	Bachelor Degree in Computer Science and Engineering	6	4 <sup>o</sup>	1st
<u>Visual Development</u>	Bachelor Degree in Computer Science and Engineering	6	4 <sup>o</sup>	1st
<u>Virtual Equipments</u>	Bachelor Degree in Computer Science and Engineering	6	4 <sup>o</sup>	1st
<u>Technologies for disability</u>	Bachelor Degree in Computer Science and Engineering	3	4 <sup>o</sup>	1st
<u>Technologies for privacy</u>	Bachelor Degree in Computer Science and Engineering	3	4 <sup>o</sup>	1st
<u>Linear algebra</u>	Bachelor Degree in Data Science and Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Data Science and Engineering	6	1 <sup>o</sup>	1st
<u>Introduction to Data Science</u>	Bachelor Degree in Data Science and Engineering	6	1 <sup>o</sup>	1st
<u>Probability and Data Analysis</u>	Bachelor Degree in Data Science and Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Data Science and Engineering	6	1 <sup>o</sup>	1st
<u>Automata theory and compilers</u>	Bachelor Degree in Data Science and Engineering	6	2 <sup>o</sup>	1st
<u>Data Base</u>	Bachelor Degree in Data Science and Engineering	6	2 <sup>o</sup>	1st
<u>Discrete mathematics</u>	Bachelor Degree in Data Science and Engineering	6	2 <sup>o</sup>	1st
<u>Signals and Systems</u>	Bachelor Degree in Data Science and Engineering	6	2 <sup>o</sup>	1st
<u>Statistical Learning</u>	Bachelor Degree in Data Science and Engineering	6	2 <sup>o</sup>	1st
<u>Introduction to business</u>	Bachelor Degree in Data Science and Engineering	6	3 <sup>o</sup>	1st
<u>Machine learning II</u>	Bachelor Degree in Data Science and Engineering	6	3 <sup>o</sup>	1st
<u>Massive computing</u>	Bachelor Degree in Data Science and Engineering	6	3 <sup>o</sup>	1st
<u>Optimization and Analytics</u>	Bachelor Degree in Data Science and Engineering	6	3 <sup>o</sup>	1st
<u>Web Applications</u>	Bachelor Degree in Data Science and Engineering	6	3 <sup>o</sup>	1st
<u>Audio processing, Video processing and Computer vision</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Data Science Project</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Web Analytics</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Functional data analysis</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Fundamentals of Bioinformatics</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Internet Networking Technologies for Big Data</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Machine Learning in Healthcare</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Regression in High Dimension</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Simulation and Resampling methods</u>	Bachelor Degree in Data Science and Engineering	6	4 <sup>o</sup>	1st
<u>Linear Algebra</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	1st
<u>Physics I</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Electrical Power Engineering	3	1 <sup>o</sup>	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Electrical Power Engineering	3	1 <sup>o</sup>	1st
<u>Industrial Automation</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	1st
<u>Thermal Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	1st
<u>Electrical power engineering fundamentals</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	1st

<u>Skills: Humanities II</u>	Bachelor Degree in Electrical Power Engineering	6	2º	1st
<u>Mechanics of Structures</u>	Bachelor Degree in Electrical Power Engineering	6	2º	1st
<u>Control Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	3º	1st
<u>Magnetic circuits and transformers</u>	Bachelor Degree in Electrical Power Engineering	6	3º	1st
<u>Calculus I</u>	Bachelor Degree in Energy Engineering	6	1º	1st
<u>Linear Algebra</u>	Bachelor Degree in Energy Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Energy Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Energy Engineering	6	1º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Energy Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Energy Engineering	3	1º	1st
<u>Electrical Power Engineering Fundamentals</u>	Bachelor Degree in Energy Engineering	6	2º	1st
<u>Industrial Automation</u>	Bachelor Degree in Energy Engineering	6	2º	1st
<u>Calculus III</u>	Bachelor Degree in Energy Engineering	6	2º	1st
<u>Mechanics of Structures</u>	Bachelor Degree in Energy Engineering	6	2º	1st
<u>Thermal Engineering</u>	Bachelor Degree in Energy Engineering	6	2º	1st
<u>Machine Mechanics</u>	Bachelor Degree in Energy Engineering	6	3º	1st
<u>Electric Power Generation</u>	Bachelor Degree in Energy Engineering	6	3º	1st
<u>Fluid Transport and Hydraulic Machinery</u>	Bachelor Degree in Energy Engineering	6	3º	1st
<u>Heat Transfer</u>	Bachelor Degree in Energy Engineering	6	3º	1st
<u>Power Electronics in Energetics Systems</u>	Bachelor Degree in Energy Engineering	6	3º	1st
<u>Writing and communication skills</u>	Bachelor Degree in Engineering Physics	6	1º	1st
<u>Linear Algebra</u>	Bachelor Degree in Engineering Physics	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Engineering Physics	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Engineering Physics	6	1º	1st
<u>Humanities I</u>	Bachelor Degree in Engineering Physics	3	1º	1st
<u>Chemistry I</u>	Bachelor Degree in Engineering Physics	6	1º	1st
<u>Materials science and engineering</u>	Bachelor Degree in Engineering Physics	6	2º	1st
<u>Differential Equations</u>	Bachelor Degree in Engineering Physics	6	2º	1st
<u>Quantum Physics</u>	Bachelor Degree in Engineering Physics	6	2º	1st
<u>Mechanics and relativity</u>	Bachelor Degree in Engineering Physics	6	2º	1st
<u>Complex variable and transforms</u>	Bachelor Degree in Engineering Physics	6	2º	1st
<u>Electromagnetic fields and waves</u>	Bachelor Degree in Engineering Physics	6	3º	1st
<u>Advanced quantum physics</u>	Bachelor Degree in Engineering Physics	6	3º	1st
<u>Statistical Physics</u>	Bachelor Degree in Engineering Physics	3	3º	1st
<u>Electronic engineering fundamentals</u>	Bachelor Degree in Engineering Physics	6	3º	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Engineering Physics	1,5	3º	1st
<u>Engineering fluid mechanics</u>	Bachelor Degree in Engineering Physics	6	3º	1st
<u>Information Skills</u>	Bachelor Degree in Engineering Physics	1,5	3º	1st
<u>Linear Algebra</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	1st

<u>Programming</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1 <sup>o</sup>	1st
<u>Writing and communication skills</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	1 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	1 <sup>o</sup>	1st
<u>Electrical Power Engineering Fundamentals</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2 <sup>o</sup>	1st
<u>Thermal Engineering</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2 <sup>o</sup>	1st
<u>Mechanics of Structures</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2 <sup>o</sup>	1st
<u>Production and manufacturing systems</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	2 <sup>o</sup>	1st
<u>Simulation of dynamic systems</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	2 <sup>o</sup>	1st
<u>Machine Mechanics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2 <sup>o</sup>	1st
<u>Industrial Automation I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3 <sup>o</sup>	1st
<u>Digital Electronics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3 <sup>o</sup>	1st
<u>Control Engineering I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	4 <sup>o</sup>	1st
<u>Information Skills</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	1,5	4 <sup>o</sup>	1st
<u>Environmental Technology</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	4 <sup>o</sup>	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	1,5	4 <sup>o</sup>	1st
<u>Soft Skills</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	4 <sup>o</sup>	1st
<u>Industrial Automation II</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	4 <sup>o</sup>	1st
<u>Linear Algebra</u>	Bachelor Degree in Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Physics I</u>	Bachelor Degree in Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Chemical Basis of Engineering</u>	Bachelor Degree in Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Machine Mechanics</u>	Bachelor Degree in Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Engineering fluid mechanics</u>	Bachelor Degree in Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Materials science and engineering</u>	Bachelor Degree in Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Electrical power engineering fundamentals</u>	Bachelor Degree in Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Calculus III</u>	Bachelor Degree in Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Technologies Engineering	3	4 <sup>o</sup>	1st
<u>Soft Skills</u>	Bachelor Degree in Industrial Technologies Engineering	3	4 <sup>o</sup>	1st
<u>Digital Electronics</u>	Bachelor Degree in Industrial Technologies Engineering	6	4 <sup>o</sup>	1st
<u>Linear Algebra</u>	Bachelor Degree in Mechanical Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Mechanical Engineering	6	1 <sup>o</sup>	1st
<u>Physics I</u>	Bachelor Degree in Mechanical Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Mechanical Engineering	6	1 <sup>o</sup>	1st
<u>Chemical basis of engineering</u>	Bachelor Degree in Mechanical Engineering	6	1 <sup>o</sup>	1st
<u>Materials Science and Engineering</u>	Bachelor Degree in Mechanical Engineering	6	2 <sup>o</sup>	1st
<u>Electrical Power Engineering Fundamentals</u>	Bachelor Degree in Mechanical Engineering	6	2 <sup>o</sup>	1st
<u>Thermal Engineering</u>	Bachelor Degree in Mechanical Engineering	6	2 <sup>o</sup>	1st
<u>Machine Mechanics</u>	Bachelor Degree in Mechanical Engineering	6	2 <sup>o</sup>	1st
<u>Skills: Humanities II</u>	Bachelor Degree in Mechanical Engineering	3	2 <sup>o</sup>	1st

<u>Machine Theory</u>	Bachelor Degree in Mechanical Engineering	6	3 <sup>o</sup>	1st
<u>Heat Transfer</u>	Bachelor Degree in Mechanical Engineering	6	3 <sup>o</sup>	1st
<u>Industrial Automation</u>	Bachelor Degree in Mechanical Engineering	6	3 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	1st
<u>Physics</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	1st
<u>Digital Electronics</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	1st
<u>Systems Architecture</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	1st
<u>Linear Systems</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	1st
<u>Digital Communications</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	1st
<u>Information Skills</u>	Bachelor Degree in Mobile and Space Communications Engineering	1,5	3 <sup>o</sup>	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Mobile and Space Communications Engineering	1,5	3 <sup>o</sup>	1st
<u>Electronics systems</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Mobile and Space Communications Engineering	3	3 <sup>o</sup>	1st
<u>Telecommunication Systems</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	4 <sup>o</sup>	1st
<u>Linear Algebra</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	1st
<u>Physics</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	1st
<u>Digital Electronics</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	1st
<u>Systems Architecture</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	1st
<u>Linear Systems</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	1st
<u>Information Skills</u>	Bachelor Degree in Sound and Image Engineering	1,5	3 <sup>o</sup>	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Sound and Image Engineering	1,5	3 <sup>o</sup>	1st
<u>Electronics Systems</u>	Bachelor Degree in Sound and Image Engineering	6	3 <sup>o</sup>	1st
<u>Skills: Humanities</u>	Bachelor Degree in Sound and Image Engineering	3	3 <sup>o</sup>	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Sound and Image Engineering	6	3 <sup>o</sup>	1st
<u>Linear Algebra</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Physics</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Digital Electronics</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st

<u>Systems Architecture</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	1st
<u>Linear Systems</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	1st
<u>Information Skills</u>	Bachelor Degree in Telecommunication Technologies Engineering	1,5	3º	1st
<u>Electronic Systems</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Telecommunication Technologies Engineering	1,5	3º	1st
<u>Telematic Applications</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	1st
<u>Digital Communications</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Telecommunication Technologies Engineering	3	3º	1st
<u>Audiovisual Services</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	4º	1st
<u>Radiation and quantum communications</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	4º	1st
<u>Telecommunication Systems</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Physics</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Digital Electronics</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Telematics Engineering	6	2º	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Telematics Engineering	6	2º	1st
<u>Systems Architecture I</u>	Bachelor Degree in Telematics Engineering	6	2º	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Telematics Engineering	6	2º	1st
<u>Linear Systems</u>	Bachelor Degree in Telematics Engineering	6	2º	1st
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Telematics Engineering	1,5	3º	1st
<u>Information Skills</u>	Bachelor Degree in Telematics Engineering	1,5	3º	1st
<u>Electronics systems</u>	Bachelor Degree in Telematics Engineering	6	3º	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Telematics Engineering	6	3º	1st
<u>Skills: Humanities II</u>	Bachelor Degree in Telematics Engineering	3	3º	1st
<u>Applied functional analysis</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Stochastic Processes</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Functional Programming</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Artificial Intelligence</u>	Bachelor Degree in Data Science and Engineering	6	4º	1st
<u>Data Design for sensemaking</u>	Bachelor Degree in Data Science and Engineering	6	4º	1st
<u>Energy demand management and risk management in non-financial companies</u>	Bachelor Degree in Energy Engineering	6	4º	1st
<u>Technical Office</u>	Bachelor Degree in Energy Engineering	3	4º	1st
<u>Industrial Organization</u>	Bachelor Degree in Energy Engineering	3	4º	1st
<u>Regulation of energy markets and cost-benefit analysis</u>	Bachelor Degree in Energy Engineering	6	4º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Energy Engineering	3	4º	1st
<u>Soft Skills</u>	Bachelor Degree in Energy Engineering	3	4º	1st
<u>Nuclear Energy</u>	Bachelor Degree in Energy Engineering	6	4º	1st
<u>Advanced biomaterials and biofabrication techniques</u>	Bachelor Degree in Engineering Physics	6	4º	1st

<u>Quantum computation and information</u>	Bachelor Degree in Engineering Physics	6	4 <sup>o</sup>	1st
<u>Soft Skills</u>	Bachelor Degree in Engineering Physics	3	4 <sup>o</sup>	1st
<u>Humanities II</u>	Bachelor Degree in Engineering Physics	3	4 <sup>o</sup>	1st
<u>Nanoelectronics and Nanophotonics</u>	Bachelor Degree in Engineering Physics	6	4 <sup>o</sup>	1st
<u>Engineering Projects</u>	Bachelor Degree in Engineering Physics	3	4 <sup>o</sup>	1st
<u>Advanced sensors and measurements techniques</u>	Bachelor Degree in Engineering Physics	3	4 <sup>o</sup>	1st
<u>Heat Transfer</u>	Bachelor Degree in Industrial Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Linear algebra</u>	Bachelor Degree in Robotics	6	1 <sup>o</sup>	1st
<u>Calculus</u>	Bachelor Degree in Robotics	6	1 <sup>o</sup>	1st
<u>Digital skills for information use</u>	Bachelor Degree in Robotics	1,5	1 <sup>o</sup>	1st
<u>Physic I</u>	Bachelor Degree in Robotics	6	1 <sup>o</sup>	1st
<u>Advanced knowledge of spreadsheets</u>	Bachelor Degree in Robotics	1,5	1 <sup>o</sup>	1st
<u>Introduction to robotics</u>	Bachelor Degree in Robotics	3	1 <sup>o</sup>	1st
<u>Programming</u>	Bachelor Degree in Robotics	6	1 <sup>o</sup>	1st
<u>Linear Algebra</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Introduction to Data Science</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Probability and Data Analysis</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Programming</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Statistical Learning</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Access networks and shared media</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Digital Electronics</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Physics</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Linear Systems</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Automata theory and compilers</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Advanced Mathematics</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Systems Architecture</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Data Base</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Electronic components and circuits</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Discrete mathematics</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3 <sup>o</sup>	1st
<u>Linear Algebra</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Calculus I</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Physics I</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Skills: Humanities I</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	3	1 <sup>o</sup>	1st
<u>Chemistry I</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1 <sup>o</sup>	1st
<u>Writing and communication skills</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	3	1 <sup>o</sup>	1st
<u>Materials science and engineering</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Differential Equations</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Quantum Physics</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Mechanics and relativity</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2 <sup>o</sup>	1st
<u>Complex variable and transforms</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2 <sup>o</sup>	1st



<u>Electromagnetic fields and waves</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	3º	1st
<u>Electronic engineering fundamentals</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	3º	1st
<u>Soft Skills</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	3	3º	1st
<u>Numerical Methods for Partial Differential Equations</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Modeling Techniques</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Data Integration and Visualization</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Concurrent and Parallel Programming</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	1st
<u>Numerical Methods for Economy and Finance</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	2nd
<u>Linear and Stochastic Modeling</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	2nd
<u>Machine Learning</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	2nd
<u>Advanced Computation Theory</u>	Bachelor Degree in Applied Mathematics and Computing	6	4º	2nd
<u>Cybersecurity Engineering</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Control Engineering II</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Aerospace Engineering	3	1º	2nd
<u>Calculus II</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Chemical basis of engineering</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Physics II</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Aerospace Engineering	3	1º	2nd
<u>Modelling in Aerospace Engineering</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Thermal Engineering</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Introduction to structural analysis</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Aerospace Materials II</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Fluid Mechanics II</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Information Skills</u>	Bachelor Degree in Aerospace Engineering	1,5	3º	2nd
<u>Mechanics of Flight I</u>	Bachelor Degree in Aerospace Engineering	3	3º	2nd
<u>Aerial navigation, air transport and airports</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Aerospace Design I</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Aerospace Engineering	1,5	3º	2nd
<u>Stability and integrity of aerospace structures</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Control of aerospace systems</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Space Vehicles and Orbital Dynamic</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Aircraft Design</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Mechanics of Flight II</u>	Bachelor Degree in Aerospace Engineering	3	4º	2nd
<u>Helicopters and other aircrafts</u>	Bachelor Degree in Aerospace Engineering	3	4º	2nd
<u>Aerospace Propulsion II</u>	Bachelor Degree in Aerospace Engineering	3	4º	2nd
<u>Rocket Motors</u>	Bachelor Degree in Aerospace Engineering	3	4º	2nd
<u>Electronic Instrumentation in Energy Systems</u>	Bachelor Degree in Aerospace Engineering	3	4º	2nd
<u>Integral Calculus</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	2nd
<u>Vector Calculus</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	2nd
<u>Linear Geometry</u>	Bachelor Degree in Applied Mathematics and Computing	6	1º	2nd

<u>Discrete Mathematics</u>	Bachelor Degree in Applied Mathematics and Computing	6	1 <sup>o</sup>	2nd
<u>Programming Techniques</u>	Bachelor Degree in Applied Mathematics and Computing	6	1 <sup>o</sup>	2nd
<u>Data structures and algorithms</u>	Bachelor Degree in Applied Mathematics and Computing	6	2 <sup>o</sup>	2nd
<u>Artificial Intelligence</u>	Bachelor Degree in Applied Mathematics and Computing	6	2 <sup>o</sup>	2nd
<u>Probability</u>	Bachelor Degree in Applied Mathematics and Computing	6	2 <sup>o</sup>	2nd
<u>Operating Systems</u>	Bachelor Degree in Applied Mathematics and Computing	6	2 <sup>o</sup>	2nd
<u>Complex Analysis</u>	Bachelor Degree in Applied Mathematics and Computing	6	2 <sup>o</sup>	2nd
<u>Further topics in numerical methods</u>	Bachelor Degree in Applied Mathematics and Computing	6	3 <sup>o</sup>	2nd
<u>Partial differential equations</u>	Bachelor Degree in Applied Mathematics and Computing	6	3 <sup>o</sup>	2nd
<u>Files and Databases</u>	Bachelor Degree in Applied Mathematics and Computing	6	3 <sup>o</sup>	2nd
<u>Language Processors</u>	Bachelor Degree in Applied Mathematics and Computing	6	3 <sup>o</sup>	2nd
<u>Software verification techniques</u>	Bachelor Degree in Applied Mathematics and Computing	6	3 <sup>o</sup>	2nd
<u>Soft Skills</u>	Bachelor Degree in Applied Mathematics and Computing	3	4 <sup>o</sup>	2nd
<u>Simulation in Probability and Statistics</u>	Bachelor Degree in Applied Mathematics and Computing	3	4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Biomedical Engineering	6	1 <sup>o</sup>	2nd
<u>Cell and Molecular Biology</u>	Bachelor Degree in Biomedical Engineering	6	1 <sup>o</sup>	2nd
<u>Physics I</u>	Bachelor Degree in Biomedical Engineering	6	1 <sup>o</sup>	2nd
<u>Physics II</u>	Bachelor Degree in Biomedical Engineering	6	1 <sup>o</sup>	2nd
<u>Writing and Communication Skills</u>	Bachelor Degree in Biomedical Engineering	3	1 <sup>o</sup>	2nd
<u>Humanities</u>	Bachelor Degree in Biomedical Engineering	3	1 <sup>o</sup>	2nd
<u>Biological Systems</u>	Bachelor Degree in Biomedical Engineering	6	2 <sup>o</sup>	2nd
<u>Materials Science and Engineering</u>	Bachelor Degree in Biomedical Engineering	6	2 <sup>o</sup>	2nd
<u>Electronic Technology in Biomedicine</u>	Bachelor Degree in Biomedical Engineering	6	2 <sup>o</sup>	2nd
<u>Numerical Methods in Biomedicine</u>	Bachelor Degree in Biomedical Engineering	6	2 <sup>o</sup>	2nd
<u>Biomechanics of Continuum Media II (Fluids)</u>	Bachelor Degree in Biomedical Engineering	6	2 <sup>o</sup>	2nd
<u>Medical Physiology II</u>	Bachelor Degree in Biomedical Engineering	6	3 <sup>o</sup>	2nd
<u>Introduction to Biomaterials</u>	Bachelor Degree in Biomedical Engineering	6	3 <sup>o</sup>	2nd
<u>Introduction to the design of medical instrumentation</u>	Bachelor Degree in Biomedical Engineering	6	3 <sup>o</sup>	2nd
<u>Medical Image processing</u>	Bachelor Degree in Biomedical Engineering	6	3 <sup>o</sup>	2nd
<u>Fundamental of tissue engineering and regenerative medicine</u>	Bachelor Degree in Biomedical Engineering	6	3 <sup>o</sup>	2nd
<u>Bioethics</u>	Bachelor Degree in Biomedical Engineering	3	4 <sup>o</sup>	2nd
<u>Soft Skills</u>	Bachelor Degree in Biomedical Engineering	3	4 <sup>o</sup>	2nd
<u>Biomedical applications of nanotechnology</u>	Bachelor Degree in Biomedical Engineering	6	4 <sup>o</sup>	2nd
<u>Advanced Biomaterials, 3D Bioprinting and Micro/nano Biofabrication</u>	Bachelor Degree in Biomedical Engineering	6	4 <sup>o</sup>	2nd
<u>Synthetic and Systems Biology</u>	Bachelor Degree in Biomedical Engineering	6	4 <sup>o</sup>	2nd
<u>Instrumentation and Multimodality Imaging</u>	Bachelor Degree in Biomedical Engineering	6	4 <sup>o</sup>	2nd
<u>Discrete Mathematics</u>	Bachelor Degree in Computer Science and Engineering	6	1 <sup>o</sup>	2nd
<u>Principles of Computer Engineering</u>	Bachelor Degree in Computer Science and Engineering	6	1 <sup>o</sup>	2nd
<u>Computer Technology</u>	Bachelor Degree in Computer Science and Engineering	6	1 <sup>o</sup>	2nd
<u>Algorithms and data structures</u>	Bachelor Degree in Computer Science and Engineering	6	1 <sup>o</sup>	2nd
<u>Applied differential calculus</u>	Bachelor Degree in Computer Science and Engineering	6	2 <sup>o</sup>	2nd

<u>Logic</u>	Bachelor Degree in Computer Science and Engineering	6	2º	2nd
<u>Software Development</u>	Bachelor Degree in Computer Science and Engineering	6	2º	2nd
<u>Files and Data bases</u>	Bachelor Degree in Computer Science and Engineering	6	2º	2nd
<u>Artificial Intelligence</u>	Bachelor Degree in Computer Science and Engineering	6	2º	2nd
<u>Operating Systems</u>	Bachelor Degree in Computer Science and Engineering	6	2º	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Computer Science and Engineering	1,5	3º	2nd
<u>Skills: Humanities II</u>	Bachelor Degree in Computer Science and Engineering	3	3º	2nd
<u>Digital competences for using information</u>	Bachelor Degree in Computer Science and Engineering	1,5	3º	2nd
<u>Advanced theory of computation</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Computer Graphics and AI</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Software development projects management</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Computer Graphics and hardware acceleration</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Mobile devices and communication security</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Database design and administration</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Information skills</u>	Bachelor Degree in Data Science and Engineering	1,5	1º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Data Science and Engineering	3	1º	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Data Science and Engineering	1,5	1º	2nd
<u>Calculus II</u>	Bachelor Degree in Data Science and Engineering	6	1º	2nd
<u>Data structures and algorithms</u>	Bachelor Degree in Data Science and Engineering	6	1º	2nd
<u>Introduction to Statistical Modeling</u>	Bachelor Degree in Data Science and Engineering	6	1º	2nd
<u>Computer Networks</u>	Bachelor Degree in Data Science and Engineering	6	1º	2nd
<u>Data protection &amp; cybersecurity</u>	Bachelor Degree in Data Science and Engineering	6	2º	2nd
<u>Machine learning I</u>	Bachelor Degree in Data Science and Engineering	6	2º	2nd
<u>Numerical methods</u>	Bachelor Degree in Data Science and Engineering	6	2º	2nd
<u>Predictive Modeling</u>	Bachelor Degree in Data Science and Engineering	6	2º	2nd
<u>Statistical Signal Processing</u>	Bachelor Degree in Data Science and Engineering	6	2º	2nd
<u>Bayesian Data Analysis</u>	Bachelor Degree in Data Science and Engineering	6	3º	2nd
<u>Data engineering legal and ethical issues</u>	Bachelor Degree in Data Science and Engineering	3	3º	2nd
<u>Machine learning applications</u>	Bachelor Degree in Data Science and Engineering	6	3º	2nd
<u>Mobile Applications</u>	Bachelor Degree in Data Science and Engineering	6	3º	2nd
<u>Neural Networks</u>	Bachelor Degree in Data Science and Engineering	6	3º	2nd
<u>Soft Skills</u>	Bachelor Degree in Data Science and Engineering	3	3º	2nd
<u>Humanities</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Advanced Internet Networking Technologies</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Educational data analytics</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Inference methods in Bayesian Machine Learning</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Robotics</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Stochastic Dynamical Systems</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Time Series and Forecasting</u>	Bachelor Degree in Data Science and Engineering	6	4º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Electrical Power Engineering	6	1º	2nd
<u>Calculus II</u>	Bachelor Degree in Electrical Power Engineering	6	1º	2nd

<u>Physics II</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	2nd
<u>Chemical Basis of Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	2nd
<u>Statistics</u>	Bachelor Degree in Electrical Power Engineering	6	1 <sup>o</sup>	2nd
<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	2nd
<u>Materials Science and Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	2nd
<u>Introduction to engineering management</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Electrical Power Engineering	6	2 <sup>o</sup>	2nd
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Electrical Power Engineering	3	2 <sup>o</sup>	2nd
<u>Environmental Technology</u>	Bachelor Degree in Electrical Power Engineering	3	2 <sup>o</sup>	2nd
<u>Electrical Installations</u>	Bachelor Degree in Electrical Power Engineering	6	3 <sup>o</sup>	2nd
<u>Information Skills</u>	Bachelor Degree in Electrical Power Engineering	3	3 <sup>o</sup>	2nd
<u>Electric rotating machines</u>	Bachelor Degree in Electrical Power Engineering	6	3 <sup>o</sup>	2nd
<u>Computer-aided power system modelling</u>	Bachelor Degree in Electrical Power Engineering	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Energy Engineering	6	1 <sup>o</sup>	2nd
<u>Chemical Fundaments of Engineering</u>	Bachelor Degree in Energy Engineering	6	1 <sup>o</sup>	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Energy Engineering	6	1 <sup>o</sup>	2nd
<u>Physics II</u>	Bachelor Degree in Energy Engineering	6	1 <sup>o</sup>	2nd
<u>Statistics</u>	Bachelor Degree in Energy Engineering	6	1 <sup>o</sup>	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Energy Engineering	6	2 <sup>o</sup>	2nd
<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Energy Engineering	6	2 <sup>o</sup>	2nd
<u>Environmental Technology</u>	Bachelor Degree in Energy Engineering	3	2 <sup>o</sup>	2nd
<u>Introduction to Engineering Management</u>	Bachelor Degree in Energy Engineering	6	2 <sup>o</sup>	2nd
<u>Material Sciences and Engineering</u>	Bachelor Degree in Energy Engineering	6	2 <sup>o</sup>	2nd
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Energy Engineering	3	2 <sup>o</sup>	2nd
<u>Principles of Economics : Markets and Financials Failures</u>	Bachelor Degree in Energy Engineering	6	3 <sup>o</sup>	2nd
<u>Solar energy</u>	Bachelor Degree in Energy Engineering	6	3 <sup>o</sup>	2nd
<u>Transmission and Distribution of Energy</u>	Bachelor Degree in Energy Engineering	6	3 <sup>o</sup>	2nd
<u>Wind Energy</u>	Bachelor Degree in Energy Engineering	6	3 <sup>o</sup>	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Energy Engineering	1,5	3 <sup>o</sup>	2nd
<u>Information Skills</u>	Bachelor Degree in Energy Engineering	1,5	3 <sup>o</sup>	2nd
<u>Heat Power Plants</u>	Bachelor Degree in Energy Engineering	3	3 <sup>o</sup>	2nd
<u>Aero-thermochemical Systems</u>	Bachelor Degree in Energy Engineering	6	4 <sup>o</sup>	2nd
<u>Energy in Buildings</u>	Bachelor Degree in Energy Engineering	6	4 <sup>o</sup>	2nd
<u>Energy in transport</u>	Bachelor Degree in Energy Engineering	3	4 <sup>o</sup>	2nd
<u>Energy and Water</u>	Bachelor Degree in Energy Engineering	3	4 <sup>o</sup>	2nd
<u>Electronic Instrumentation in Energy Systems</u>	Bachelor Degree in Energy Engineering	3	4 <sup>o</sup>	2nd
<u>Advanced Management of Smart Grids</u>	Bachelor Degree in Energy Engineering	3	4 <sup>o</sup>	2nd
<u>Numerical Computing</u>	Bachelor Degree in Energy Engineering	3	4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Engineering Physics	6	1 <sup>o</sup>	2nd
<u>Physics II</u>	Bachelor Degree in Engineering Physics	6	1 <sup>o</sup>	2nd
<u>Probability and Statistics</u>	Bachelor Degree in Engineering Physics	6	1 <sup>o</sup>	2nd

<u>Programming</u>	Bachelor Degree in Engineering Physics	6	1 <sup>o</sup>	2nd
<u>Chemistry II</u>	Bachelor Degree in Engineering Physics	6	1 <sup>o</sup>	2nd
<u>Biophysics 1: Molecular, Cell and Tissue Physical Biology</u>	Bachelor Degree in Engineering Physics	6	2 <sup>o</sup>	2nd
<u>Electromagnetism and Optics</u>	Bachelor Degree in Engineering Physics	6	2 <sup>o</sup>	2nd
<u>Solid state fundamentals for engineering</u>	Bachelor Degree in Engineering Physics	6	2 <sup>o</sup>	2nd
<u>Numerical Methods</u>	Bachelor Degree in Engineering Physics	6	2 <sup>o</sup>	2nd
<u>Signals, systems and circuits</u>	Bachelor Degree in Engineering Physics	6	2 <sup>o</sup>	2nd
<u>Biophysics 2: Systems and synthetic biology. Computational biology</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup>	2nd
<u>Photonics</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup>	2nd
<u>Thermal engineering</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup>	2nd
<u>Instrumentation and measurements</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup>	2nd
<u>Plasma physics and technology</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Mathematical foundations of quantum mechanics</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Neural engineering</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Introduction to spintronics</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Advanced materials for production and storage of energy</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Nanomaterials</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Quantum technologies</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Computational biology</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Elasticity and strength of materials</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Wind energy</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Nuclear energy</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Solar energy</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Introduction to business management</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Fundamentals of tissue engineering and regenerative medicine</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Wind and photovoltaic generation</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Control engineering I</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Surface engineering</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Innovation and Technological Change</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Introduction to biomedical image</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Industrial robotics</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Materials selection for transport and aerospace industries</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Microprocessor based digital systems</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Electronic systems</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Dynamical stochastic systems</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Linear systems</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Materials technology</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Communications theory</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Transmission and distribution of energy</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Biomedical applications of nanotechnology</u>	Bachelor Degree in Engineering Physics	6	3 <sup>o</sup> /4 <sup>o</sup>	2nd
<u>Physics II</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1 <sup>o</sup>	2nd

<u>Calculus II</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	2nd
<u>Chemical basis of engineering</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	2nd
<u>Electronics engineering fundamentals</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Materials science and engineering</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Engineering fluid mechanics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Introduction to engineering management</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Computing Systems I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Electronic Instrumentation I</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3º	2nd
<u>Power Electronics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3º	2nd
<u>Industrial Robotics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3º	2nd
<u>Control Engineering II</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	3º	2nd
<u>Calculus II</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Physics II</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Technologies Engineering	3	1º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Industrial Technologies Engineering	3	1º	2nd
<u>Statistics</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Introduction to engineering management</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Industrial Automation</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Thermal Engineering</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Mechanics of Structures</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Control Engineering I</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Materials Technology</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Information Skills</u>	Bachelor Degree in Industrial Technologies Engineering	1,5	3º	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Industrial Technologies Engineering	1,5	3º	2nd
<u>Environmental Technology</u>	Bachelor Degree in Industrial Technologies Engineering	3	3º	2nd
<u>Transmission and distribution of energy</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Energy and Water</u>	Bachelor Degree in Industrial Technologies Engineering	3	4º	2nd
<u>Energy in transport</u>	Bachelor Degree in Industrial Technologies Engineering	3	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Mechanical Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Mechanical Engineering	6	1º	2nd
<u>Physics II</u>	Bachelor Degree in Mechanical Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Mechanical Engineering	6	1º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Mechanical Engineering	3	1º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Mechanical Engineering	3	1º	2nd
<u>Mechanics of Structures</u>	Bachelor Degree in Mechanical Engineering	6	2º	2nd
<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Mechanical Engineering	6	2º	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Mechanical Engineering	6	2º	2nd

<u>Production and Manufacturing Systems</u>	Bachelor Degree in Mechanical Engineering	6	2 <sup>o</sup>	2nd
<u>Introduction to engineering management</u>	Bachelor Degree in Mechanical Engineering	3	2 <sup>o</sup>	2nd
<u>Environmental Technology</u>	Bachelor Degree in Mechanical Engineering	3	2 <sup>o</sup>	2nd
<u>Mechanical Technology</u>	Bachelor Degree in Mechanical Engineering	6	3 <sup>o</sup>	2nd
<u>Information Skills</u>	Bachelor Degree in Mechanical Engineering	1,5	3 <sup>o</sup>	2nd
<u>Strength of Materials</u>	Bachelor Degree in Mechanical Engineering	6	3 <sup>o</sup>	2nd
<u>Advanced knowledge of Spreadsheets</u>	Bachelor Degree in Mechanical Engineering	1,5	3 <sup>o</sup>	2nd
<u>Soft Skills</u>	Bachelor Degree in Mechanical Engineering	3	3 <sup>o</sup>	2nd
<u>Materials Technology</u>	Bachelor Degree in Mechanical Engineering	3	3 <sup>o</sup>	2nd
<u>Energy in Transport</u>	Bachelor Degree in Mechanical Engineering	3	4 <sup>o</sup>	2nd
<u>Energy and Water</u>	Bachelor Degree in Mechanical Engineering	3	4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	2nd
<u>Systems Programming</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	2nd
<u>Statistics</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	1 <sup>o</sup>	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Mobile and Space Communications Engineering	3	1 <sup>o</sup>	2nd
<u>Linear Networks Analysis and Synthesis</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	2nd
<u>Electromagnetic Fields</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	2nd
<u>Communication Theory</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	2 <sup>o</sup>	2nd
<u>Switching</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	2nd
<u>Devices and Optic Transmission Media</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	2nd
<u>High Frequency Techniques</u>	Bachelor Degree in Mobile and Space Communications Engineering	6	3 <sup>o</sup>	2nd
<u>Interpersonal professional skills</u>	Bachelor Degree in Mobile and Space Communications Engineering	3	4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Sound and Image Engineering	3	1 <sup>o</sup>	2nd
<u>Skills: Humanities I</u>	Bachelor Degree in Sound and Image Engineering	3	1 <sup>o</sup>	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	2nd
<u>Systems Programming</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	2nd
<u>Statistics</u>	Bachelor Degree in Sound and Image Engineering	6	1 <sup>o</sup>	2nd
<u>Communication Theory</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	2nd
<u>Linear Networks Analysis and Synthesis</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	2nd
<u>Electromagnetic Fields</u>	Bachelor Degree in Sound and Image Engineering	6	2 <sup>o</sup>	2nd
<u>Interpersonal professional skills</u>	Bachelor Degree in Sound and Image Engineering	3	4 <sup>o</sup>	2nd
<u>Calculus II</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	2nd
<u>Systems Programming</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	2nd
<u>Statistics I</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1 <sup>o</sup>	2nd

<u>Writing and communication skills</u>	Bachelor Degree in Telecommunication Technologies Engineering	3	1º	2nd
<u>Skills: Humanities I</u>	Bachelor Degree in Telecommunication Technologies Engineering	3	1º	2nd
<u>Linear Networks Analysis and Synthesis</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	2nd
<u>Electromagnetic Fields</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	2nd
<u>Communication Theory</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	2º	2nd
<u>Integrated Circuits and Microelectronic</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	2nd
<u>Switching</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	2nd
<u>High Frequency Technology</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	3º	2nd
<u>Calculus II</u>	Bachelor Degree in Telematics Engineering	6	1º	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Telematics Engineering	6	1º	2nd
<u>Systems Programming</u>	Bachelor Degree in Telematics Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Telematics Engineering	6	1º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Telematics Engineering	3	1º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Telematics Engineering	3	1º	2nd
<u>Electromagnetic Fields</u>	Bachelor Degree in Telematics Engineering	6	2º	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Telematics Engineering	6	2º	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Telematics Engineering	6	2º	2nd
<u>Communication Theory</u>	Bachelor Degree in Telematics Engineering	6	2º	2nd
<u>Networks Theory</u>	Bachelor Degree in Telematics Engineering	6	2º	2nd
<u>Switching</u>	Bachelor Degree in Telematics Engineering	6	3º	2nd
<u>Devices and optic transmission media</u>	Bachelor Degree in Telematics Engineering	6	3º	2nd
<u>Soft Skills</u>	Bachelor Degree in Telematics Engineering	3	4º	2nd
<u>Mathematics extension</u>	Bachelor Degree in Robotics	6	1º	2nd
<u>Algorithms and data structures</u>	Bachelor Degree in Robotics	6	1º	2nd
<u>Physic II</u>	Bachelor Degree in Robotics	6	1º	2nd
<u>Fundamentals of electrical engineering</u>	Bachelor Degree in Robotics	6	1º	2nd
<u>Skills: Humanities I</u>	Bachelor Degree in Robotics	3	1º	2nd
<u>Writing and communication skills</u>	Bachelor Degree in Robotics	3	1º	2nd
<u>Calculus II</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1º	2nd
<u>Advanced knowledge of Spreadsheets</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	1,5	1º	2nd
<u>Skills: Humanities</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1º	2nd
<u>Introduction to Statistical Modeling</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1º	2nd
<u>Systems Programming</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1º	2nd
<u>Systems and Circuits</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	1º	2nd
<u>Information Skills</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	1,5	1º	2nd
<u>Writing and communication skills</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	3	1º	2nd
<u>Linear networks analysis and synthesis</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd
<u>Machine learning I</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd
<u>Numerical methods</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd



<u>Predictive Modeling</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd
<u>Communications networks and services</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd
<u>Statistical Signal Processing</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	2º	2nd
<u>Bayesian Data Analysis</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Electromagnetic Fields</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Switching</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Data protection &amp; cybersecurity</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Microprocessor based digital systems</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Communication Theory</u>	Dual Bachelor in Data Science and Engineering and Telecommunication Technologies Engineering	6	3º	2nd
<u>Calculus II</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Physics II</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Probability and Statistics</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Programming</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Chemistry II</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	1º	2nd
<u>Biophysics 1: Molecular, Cell and Tissue Physical Biology</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2º	2nd
<u>Electromagnetism and Optics</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2º	2nd
<u>Solid state fundamentals for engineering</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2º	2nd
<u>Numerical Methods</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2º	2nd
<u>Signals, systems and circuits</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	2º	2nd
<u>Biophysics 2: Systems and synthetic biology. Computational biology</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	3º	2nd
<u>Thermal Engineering</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	3º	2nd
<u>Instrumentation and measurements</u>	Dual Bachelor in Engineering Physics and Industrial Technologies Engineering	6	3º	2nd