

LEGANES CAMPUS-ENGINEERING STUDIES (2017/18)

* IMPORTANT: Please note that it is possible that not all the courses are offered. It will depend on the demand.

Subjects	Study Program	ECTS Credits	Year	Semester
<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>Writing and Communication Skills</u>	Bachelor Degree in Aerospace Engineering	3	1º	1st
<u>Information Skills</u>	Bachelor Degree in Aerospace Engineering	3	1º	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Aerospace Materials I</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Introduction to Fluid Mechanics</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Introduction to Business Management</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Introduction to Mechanics of Flight</u>	Bachelor Degree in Aerospace Engineering	6	2º	1st
<u>Aerodynamics</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Aerospace Propulsion</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Aerospace Structures</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Aerospace Engineering	6	3º	1st
<u>Advanced Aerodynamics</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Advanced Mechanics of Flight</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Aerospace Design II</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Aeroelasticity</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Aircraft Systems</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Financial Management</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Onboard Systems Design</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Aerospace Design II</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Aircraft Systems</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Combustion</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st

<u>Financial Management</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Propulsion Systems</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Rocket Motors</u>	Bachelor Degree in Aerospace Engineering	3	4º	1st
<u>Turbomachinery Design</u>	Bachelor Degree in Aerospace Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Audiovisual System Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Audiovisual System Engineering	6	1º	1st
<u>Physics</u>	Bachelor Degree in Audiovisual System Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Audiovisual System Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Audiovisual System Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Audiovisual System Engineering	3	1º	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Audiovisual System Engineering	6	2º	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Audiovisual System Engineering	6	2º	1st
<u>Systems Architecture</u>	Bachelor Degree in Audiovisual System Engineering	6	2º	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Audiovisual System Engineering	6	2º	1st
<u>Linear Systems</u>	Bachelor Degree in Audiovisual System Engineering	6	2º	1st
<u>Electronics Power Systems</u>	Bachelor Degree in Audiovisual System Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Audiovisual System Engineering	6	3º	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Audiovisual System Engineering	6	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>Computer 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>Statistics</u>	Bachelor Degree in Biomedical Engineering	6	2º	1st
<u>Anatomy and Physiology I</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>Robotics</u>	Bachelor Degree in Biomedical Engineering	3	3º	1st
<u>Systems and Signals</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>Bioinformatics</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Introduction to Biomedical Image</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Medical Instrumentation and Devices</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Cell Culture and Biotechnology for Tissue Engineering</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Electronic System Design</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Real Time Systems</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Electronics Systems</u>	Bachelor Degree in Biomedical Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Communication System Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Communication System Engineering	6	1º	1st
<u>Physics</u>	Bachelor Degree in Communication System Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Communication System Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Communication System Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Communication System Engineering	3	1º	1st
<u>Advanced Mathematics</u>	Bachelor Degree in Communication System Engineering	6	2º	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Communication System Engineering	6	2º	1st
<u>Systems Architecture</u>	Bachelor Degree in Communication System Engineering	6	2º	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Communication System Engineering	6	2º	1st
<u>Linear Systems</u>	Bachelor Degree in Communication System Engineering	6	2º	1st
<u>Digital Communications</u>	Bachelor Degree in Communication System Engineering	6	3º	1st
<u>Electronic systems</u>	Bachelor Degree in Communication System Engineering	6	3º	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Communication System Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Communication System Engineering	6	3º	1st
<u>Telecommunication Systems</u>	Bachelor Degree in Communication System 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>Information Skills</u>	Bachelor Degree in Computer Science and Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Computer Science and Engineering	3	1º	1st
<u>Applied differential calculus</u>	Bachelor Degree in Computer Science and Engineering	6	2º	1st
<u>Statistics</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>Computer Architecture</u>	Bachelor Degree in Computer Science and Engineering	6	3º	1st
<u>Heuristics and Optimization</u>	Bachelor Degree in Computer Science and Engineering	6	3º	1st
<u>Software Engineering</u>	Bachelor Degree in Computer Science and Engineering	6	3º	1st
<u>User Interfaces</u>	Bachelor Degree in Computer Science and Engineering	6	3º	1st
<u>Computer Networks</u>	Bachelor Degree in Computer Science and Engineering	6	3º	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	4º	1st
<u>Computing Technologies for the Web</u>	Bachelor Degree in Computer Science and Engineering	6	4º	1st
<u>Computer Forensics</u>	Bachelor Degree in Computer Science and Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Electrical Power Engineering	6	1º	1st
<u>Calculus</u>	Bachelor Degree in Electrical Power Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Electrical Power Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Electrical Power Engineering	6	1º	1st
<u>Information skills</u>	Bachelor Degree in Electrical Power Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Electrical Power Engineering	3	1º	1st
<u>Industrial Automation</u>	Bachelor Degree in Electrical Power Engineering	6	2º	1st
<u>Thermal Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	2º	1st
<u>Electrical Power Engineering Fundamentals</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>Machine Mechanics</u>	Bachelor Degree in Electrical Power Engineering	6	2º	1st
<u>Control Engineering</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>Information Skills</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>Machine Mechanics</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>Calculus III</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 Power Plants</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>Energy Demand Management and Risk Management</u>	Bachelor Degree in Energy Engineering	6	4º	1st
<u>Industrial Organization</u>	Bachelor Degree in Energy Engineering	3	4º	1st
<u>Nuclear Energy</u>	Bachelor Degree in Energy Engineering	6	4º	1st
<u>Technical Office</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	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Calculus</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Information skills</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	1º	1st
<u>Industrial Automation I</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	2º	1st
<u>Electrical Power Engineering Fundamentals</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	2º	1st

<u>Thermal Engineering</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	2º	1st
<u>Mechanics of Structures</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	2º	1st
<u>Machine Mechanics</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	2º	1st
<u>Analog Electronics I</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	3º	1st
<u>Digital Electronics</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	3º	1st
<u>Computing Systems I</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	3º	1st
<u>Control Engineering I</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	4º	1st
<u>Electronic system design</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	4º	1st
<u>Industrial Automation II</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	4º	1st
<u>Manufacturing and construction of electronic equipment</u>	Bachelor Degree in Industrial Electronics and Automatics Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	1st
<u>Chemical Basis of Engineering</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Industrial Technologies Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Industrial Technologies Engineering	3	1º	1st
<u>Materials Science and Engineering</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	1st
<u>Introduction to business management</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	1st
<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	1st
<u>Machine Mechanics</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	1st
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Industrial Technologies Engineering	3	2º	1st
<u>Environmental Technology</u>	Bachelor Degree in Industrial Technologies Engineering	3	2º	1st
<u>Calculus III</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	1st
<u>Linear Algebra</u>	Bachelor Degree in Mechanical Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Mechanical Engineering	6	1º	1st
<u>Physics I</u>	Bachelor Degree in Mechanical Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Mechanical Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Mechanical Engineering	3	1º	1st

<u>Writing and Communication Skills</u>	Bachelor Degree in Mechanical Engineering	3	1º	1st
<u>Industrial Automation I</u>	Bachelor Degree in Mechanical Engineering	6	2º	1st
<u>Materials Science and Engineering</u>	Bachelor Degree in Mechanical Engineering	6	2º	1st
<u>Electrical Power Engineering Fundamentals</u>	Bachelor Degree in Mechanical Engineering	6	2º	1st
<u>Thermal Engineering</u>	Bachelor Degree in Mechanical Engineering	6	2º	1st
<u>Machine Mechanics</u>	Bachelor Degree in Mechanical Engineering	6	2º	1st
<u>Machine Theory</u>	Bachelor Degree in Mechanical Engineering	6	3º	1st
<u>Linear Algebra</u>	Bachelor Degree in Telecommunication Technology Engineering	6	1º	1st
<u>Calculus I</u>	Bachelor Degree in Telecommunication Technology Engineering	6	1º	1st
<u>Physics</u>	Bachelor Degree in Telecommunication Technology Engineering	6	1º	1st
<u>Programming</u>	Bachelor Degree in Telecommunication Technology Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Telecommunication Technology Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Telecommunication Technology Engineering	3	1º	1st
<u>Math Extension</u>	Bachelor Degree in Telecommunication Technology Engineering	6	2º	1st
<u>Access Networks and Shared Media</u>	Bachelor Degree in Telecommunication Technology Engineering	6	2º	1st
<u>Systems Architecture</u>	Bachelor Degree in Telecommunication Technology Engineering	6	2º	1st
<u>Electronic Components and Circuits</u>	Bachelor Degree in Telecommunication Technology Engineering	6	2º	1st
<u>Linear Systems</u>	Bachelor Degree in Telecommunication Technology Engineering	6	2º	1st
<u>Telematic Applications</u>	Bachelor Degree in Telecommunication Technology Engineering	6	3º	1st
<u>Digital Communications</u>	Bachelor Degree in Telecommunication Technology Engineering	6	3º	1st
<u>Electronics Systems</u>	Bachelor Degree in Telecommunication Technology Engineering	6	3º	1st
<u>Modern theory of detection and estimation</u>	Bachelor Degree in Telecommunication Technology Engineering	6	3º	1st
<u>Skills: Humanities</u>	Bachelor Degree in Telecommunication Technology Engineering	6	3º	1st
<u>Telecommunication Systems</u>	Bachelor Degree in Telecommunication Technology Engineering	6	4º	1st
<u>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>Programming</u>	Bachelor Degree in Telematics Engineering	6	1º	1st
<u>Information Skills</u>	Bachelor Degree in Telematics Engineering	3	1º	1st
<u>Writing and Communication Skills</u>	Bachelor Degree in Telematics Engineering	3	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</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>Electronics power 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</u>	Bachelor Degree in Telematics Engineering	6	4º	1st
<u>Calculus II</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Physics 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>Statistics</u>	Bachelor Degree in Aerospace Engineering	6	1º	2nd
<u>Aerospace Materials II</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Fluid Mechanics</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Introduction to structural analysis</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Thermal Engineering</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Languages: French</u>	Bachelor Degree in Aerospace Engineering	6	2º	2nd
<u>Languages: German</u>	Bachelor Degree in Aerospace Engineering	6	2º	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>Control of Aerospace Systems</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Mechanics of Flight</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Stability and Integrity of Aerospace Structures</u>	Bachelor Degree in Aerospace Engineering	6	3º	2nd
<u>Aircraft Design</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Aerospace Engineering	12	4º	2nd
<u>Aerospace Propulsion: complement I</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Aerospace Propulsion: complement II</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Aerospace Vehicles: complement I</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd
<u>Aerospace Vehicles: complement II</u>	Bachelor Degree in Aerospace Engineering	6	4º	2nd

<u>Professional Internships</u>	Bachelor Degree in Aerospace Engineering	12	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Audiovisual Systems Engineering	6	1º	2nd
<u>Digital Electronics</u>	Bachelor Degree in Audiovisual Systems Engineering	6	1º	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Audiovisual Systems Engineering	6	1º	2nd
<u>Systems Programming</u>	Bachelor Degree in Audiovisual Systems Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Audiovisual Systems Engineering	6	1º	2nd
<u>Communication Theory</u>	Bachelor Degree in Audiovisual Systems Engineering	6	2º	2nd
<u>Linear Networks Analysis and Synthesis</u>	Bachelor Degree in Audiovisual Systems Engineering	6	2º	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Audiovisual Systems Engineering	6	2º	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Audiovisual Systems Engineering	6	2º	2nd
<u>Statistical Methods for Telecommunications</u>	Bachelor Degree in Audiovisual Systems Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Audiovisual Systems Engineering	12	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Biomedical Engineering	6	1º	2nd
<u>Cell and Molecular Biology</u>	Bachelor Degree in Biomedical Engineering	6	1º	2nd
<u>Physics I</u>	Bachelor Degree in Biomedical Engineering	6	1º	2nd
<u>Physics II</u>	Bachelor Degree in Biomedical Engineering	6	1º	2nd
<u>Information Skills</u>	Bachelor Degree in Biomedical Engineering	3	1º	2nd
<u>Writing and Communication Skills</u>	Bachelor Degree in Biomedical Engineering	3	1º	2nd
<u>Biological Systems</u>	Bachelor Degree in Biomedical Engineering	6	2º	2nd
<u>Materials Science and Engineering</u>	Bachelor Degree in Biomedical Engineering	6	2º	2nd
<u>Electronic Technology in Biomedicine</u>	Bachelor Degree in Biomedical Engineering	6	2º	2nd
<u>Numerical Methods in Biomedicine</u>	Bachelor Degree in Biomedical Engineering	6	2º	2nd
<u>Biomechanics of Continuum Media II (Fluids)</u>	Bachelor Degree in Biomedical Engineering	6	2º	2nd
<u>Anatomy and Physiology II</u>	Bachelor Degree in Biomedical Engineering	6	3º	2nd
<u>Fundamentals of Tissue Engineering and Regenerative Medicine</u>	Bachelor Degree in Biomedical Engineering	6	3º	2nd
<u>Image Processing and Reconstruction</u>	Bachelor Degree in Biomedical Engineering	6	3º	2nd
<u>Introduction to Biomaterials</u>	Bachelor Degree in Biomedical Engineering	6	3º	2nd
<u>Introduction to the Design of Medical Instrumentation</u>	Bachelor Degree in Biomedical Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Biomedical Engineering	12	4º	2nd
<u>Bioethics</u>	Bachelor Degree in Biomedical Engineering	3	4º	2nd

<u>Intellectual Property Rights, Innovation and Manage</u>	Bachelor Degree in Biomedical Engineering	3	4º	2nd
<u>Instrumentation and Multimodality Imaging</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Biomedical Microdevices</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Informatics and Biotechnology to Support Tissue Eng</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Advanced Topics in Medical Image</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Biomedical Applications of Nanotechnology (2)</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Biomaterial Experimental Design (3)</u>	Bachelor Degree in Biomedical Engineering	6	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Communication Systems Engineering	6	1º	2nd
<u>Digital Electronics</u>	Bachelor Degree in Communication Systems Engineering	6	1º	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Communication Systems Engineering	6	1º	2nd
<u>Systems Programming</u>	Bachelor Degree in Communication Systems Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Communication Systems Engineering	6	1º	2nd
<u>Linear Networks Analysis and Synthesis</u>	Bachelor Degree in Communication Systems Engineering	6	2º	2nd
<u>Electromagnetic Fields</u>	Bachelor Degree in Communication Systems Engineering	6	2º	2nd
<u>Communications Networks and Services</u>	Bachelor Degree in Communication Systems Engineering	6	2º	2nd
<u>Microprocessor Based Digital Systems</u>	Bachelor Degree in Communication Systems Engineering	6	2º	2nd
<u>Communication Theory</u>	Bachelor Degree in Communication Systems Engineering	6	2º	2nd
<u>Switching</u>	Bachelor Degree in Communication Systems Engineering	6	3º	2nd
<u>Devices and Optic Transmission Media</u>	Bachelor Degree in Communication Systems Engineering	6	3º	2nd
<u>High Frequency Techniques</u>	Bachelor Degree in Communication Systems Engineering	6	3º	2nd
<u>Statistical Methods for Telecommunications</u>	Bachelor Degree in Communication Systems Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Communication Systems Engineering	12	4º	2nd
<u>Logic</u>	Bachelor Degree in Computer Science and Engineering	6	1º	2nd
<u>Discrete Mathematics</u>	Bachelor Degree in Computer Science and Engineering	6	1º	2nd
<u>Principles of Computer Engineering</u>	Bachelor Degree in Computer Science and Engineering	6	1º	2nd
<u>Computer Technology</u>	Bachelor Degree in Computer Science and Engineering	6	1º	2nd
<u>Algorithms and data structures</u>	Bachelor Degree in Computer Science and Engineering	6	1º	2nd
<u>Cryptography and Computer Security</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>Principles of Software Development</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>Software Development Projects Management</u>	Bachelor Degree in Computer Science and Engineering	6	3º	2nd
<u>Operating Systems Design</u>	Bachelor Degree in Computer Science and Engineering	6	3º	2nd
<u>Security Engineering</u>	Bachelor Degree in Computer Science and Engineering	6	3º	2nd
<u>Computer Organization</u>	Bachelor Degree in Computer Science and Engineering	6	3º	2nd
<u>Distributed Systems</u>	Bachelor Degree in Computer Science and Engineering	6	3º	2nd
<u>Computer Graphics</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Mobile Devices Security</u>	Bachelor Degree in Computer Science and Engineering	6	4º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Computer Science and Engineering	12	4º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Computer 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	1º	2nd
<u>Chemical Basis of Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Electrical Power Engineering	6	1º	2nd
<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Electrical Power Engineering	6	2º	2nd
<u>Materials Science and Engineering</u>	Bachelor Degree in Electrical Power Engineering	6	2º	2nd
<u>Introduction to Engineering Management</u>	Bachelor Degree in Electrical Power Engineering	6	2º	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Electrical Power Engineering	6	2º	2nd
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Electrical Power Engineering	3	2º	2nd
<u>Environmental Technology</u>	Bachelor Degree in Electrical Power Engineering	3	2º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Electrical Power Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Electrical Power Engineering	12	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Energy Engineering	6	1º	2nd
<u>Chemical Fundaments of Engineering</u>	Bachelor Degree in Energy Engineering	6	1º	2nd
<u>Engineering Graphics</u>	Bachelor Degree in Energy Engineering	6	1º	2nd
<u>Physics II</u>	Bachelor Degree in Energy Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Energy Engineering	6	1º	2nd
<u>Electronics Engineering Fundamentals</u>	Bachelor Degree in Energy Engineering	6	2º	2nd

<u>Engineering Fluid Mechanics</u>	Bachelor Degree in Energy Engineering	6	2º	2nd
<u>Environmental Technology</u>	Bachelor Degree in Energy Engineering	3	2º	2nd
<u>Introduction to Engineering Management</u>	Bachelor Degree in Energy Engineering	6	2º	2nd
<u>Material Sciences and Engineering</u>	Bachelor Degree in Energy Engineering	6	2º	2nd
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Energy Engineering	3	2º	2nd
<u>Aero-Thermochemical Systems</u>	Bachelor Degree in Energy Engineering	6	3º	2nd
<u>Principles of Economics : Markets and Financials Fail</u>	Bachelor Degree in Energy Engineering	6	3º	2nd
<u>Solar energy</u>	Bachelor Degree in Energy Engineering	6	3º	2nd
<u>Transmission and Distribution of Energy</u>	Bachelor Degree in Energy Engineering	6	3º	2nd
<u>Wind Energy</u>	Bachelor Degree in Energy Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Energy Engineering	12	4º	2nd
<u>Energy and Building</u>	Bachelor Degree in Energy Engineering	6	4º	2nd
<u>Energy in Transport</u>	Bachelor Degree in Energy Engineering	3	4º	2nd
<u>Energy and Water</u>	Bachelor Degree in Energy Engineering	3	4º	2nd
<u>Electronic Instrumentation in Energy Systems</u>	Bachelor Degree in Energy Engineering	3	4º	2nd
<u>Time Series Econometrics in Energy</u>	Bachelor Degree in Energy Engineering	6	4º	2nd
<u>Advanced Management of Smart Grids</u>	Bachelor Degree in Energy Engineering	3	4º	2nd
<u>Calculus IV</u>	Bachelor Degree in Energy Engineering	3	4º	2nd
<u>Numerical Computing</u>	Bachelor Degree in Energy Engineering	3	4º	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 Graph</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	1º	2nd
<u>Physics II</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>Engineering Fluid Mechanics</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Introduction to Business Management</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>Electronics Engineering Fundamentals</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	2º	2nd
<u>Production and Manufacturing Systems</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	2º	2nd
<u>Environmental Technology</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	3	2º	2nd

<u>Electronic Instrumentation I</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>Bachelor Thesis</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	12	4º	2nd
<u>Power electronics systems</u>	Bachelor Degree in Industrial Electronics and Automation Engineering	6	4º	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>Programming</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Statistics</u>	Bachelor Degree in Industrial Technologies Engineering	6	1º	2nd
<u>Industrial Automation</u>	Bachelor Degree in Industrial Technologies Engineering	6	2º	2nd
<u>Electrical Power Engineering Fundamentals</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>Industrial Automation II (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Industrial Informatics (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Intelligent Control (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Sustainable Power Systems (B)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Electromagnetics (B)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Industrial Statistics (C)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Ceramics Technology (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Test of materials and their quality management (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Engineering materials and materials selection (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Composite materials and nanomaterials (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Power plants and heat engines (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Thermal engines (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Fluid Mechanics (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd
<u>Computational fluid dynamics (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	3º	2nd

<u>Bachelor Thesis</u>	Bachelor Degree in Industrial Technologies Engineering	12	4º	2nd
<u>Power Systems Engineering (B)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Industrial Automation II (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Industrial Informatics (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Intelligent Control (A)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Sustainable power systems (B)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Electromagnetics (B)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Industrial Statistics (C)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Ceramics Technology (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Test of materials and their quality management (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Engineering materials and materials selection (D)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Power plants and heat engines (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Thermal Engines (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Fluid Mechanics (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Computational Fluid Dynamics (F)</u>	Bachelor Degree in Industrial Technologies Engineering	6	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Mechanical Engineering	6	1º	2nd
<u>Chemical Basis of Engineering</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>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>Introduction to Business Management</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	2º	2nd
<u>Environmental Technology</u>	Bachelor Degree in Mechanical Engineering	6	2º	2nd
<u>Mechanical Technology</u>	Bachelor Degree in Mechanical Engineering	6	3º	2nd
<u>Strength of Materials</u>	Bachelor Degree in Mechanical Engineering	6	3º	2nd
<u>Materials Technology</u>	Bachelor Degree in Mechanical Engineering	3	3º	2nd
<u>Skills: Humanities</u>	Bachelor Degree in Mechanical Engineering	6	4º	2nd

<u>Bachelor Thesis</u>	Bachelor Degree in Mechanical Engineering	12	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1º	2nd
<u>Digital Electronics</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1º	2nd
<u>Systems and Circuits</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1º	2nd
<u>Systems Programming</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	1º	2nd
<u>Statistics I</u>	Bachelor Degree in Telecommunication Technologies Engineering	6	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>Introduction to 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>Bachelor Thesis</u>	Bachelor Degree in Telecommunication Technologies Engineering	12	4º	2nd
<u>Calculus II</u>	Bachelor Degree in Telematics Engineering	6	1º	2nd
<u>Digital Electronics</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>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>Statistical Methods for Telecommunications</u>	Bachelor Degree in Telematics Engineering	6	3º	2nd
<u>Bachelor Thesis</u>	Bachelor Degree in Telematics Engineering	12	4º	2nd