










**BACHELOR'S DEGREE IN MECHANICAL ENGINEERING****1<sup>st</sup> Year**

Code	Course	Credits ECTS	Semester
6302	Calculus	6	Fall
6303	Algebra & Differential Equations	6	Fall
6304	Physics I	6	Fall
 6305	Chemistry	6	Fall
6306	Graphic Expression I	6	Fall
6307	Extended Calculus & Geometry	6	Spring
6308	Basic Computing	6	Spring
6309	Physics II	6	Spring
6310	Materials Science: Structure & Properties	6	Spring
 6311	Introduction to Business	6	Spring



**2<sup>nd</sup> Year**

Code	Course	Credits ECTS	Semester
 6312	Thermal Engineering I	6	Fall
 6313	Fundamentals of Electrical Engineering	6	Fall
6314	Theory of Elasticity and Mechanics of Materials	6	Fall
6315	Fluid Mechanics Engineering	6	Fall
6316	Automatisms & Industrial Control	6	Fall
6317	Graphic Expression II	6	Spring
6318	Fundamentals of Electronics	6	Spring
6319	Mechanisms	6	Spring
6320	Statistics & Numerical Calculus	6	Spring
 6321	Production Management	6	Spring


**3<sup>rd</sup> Year**

Code	Course	Credits ECTS	Semester
6322	Industrial Production & Fabrication Systems	6	Fall
 6323	Materials Engineering	6	Fall
 6324	Structural Analysis	6	Fall
6325	Graphic Engineering	6	Fall
6326	Mechanisms II	6	Fall
6327	Hydraulic Machines	6	Spring
 6328	Thermal Engineering II	6	Spring
6329	Machine Design I	6	Spring
 6330	Steel Structures	6	Spring
6331	Mechanical Technology I	6	Spring


**4th Year**

Code	Course	Credits ECTS	Semester
6332	Industrial Installations I	6	Fall
6333	Machine Design II	6	Fall
6334	Structural Analysis II	6	Fall
 6335	Heat Engines	6	Fall
6336	Technical Office Work	6	Fall
 6342	Final Degree's Project	18	Spring

**ELECTIVE COURSES: Choose 2 courses among the following**

Code	Course	Credits ECTS	Semester
6337	Industrial Installations II	6	Spring
6338	Mechanical Technology II	6	Spring
 6340	Renewable Energies and Environment	6	Spring
6341	English for Mechanical Engineering	6	Spring
6343	External Placements	6	-

**IMPORTANT INFORMATION**

 English Friendly Courses.
<ul style="list-style-type: none"><li>• Fall Semester = 1º Semester</li><li>• Spring Semester = 2º Semester</li></ul>
Elective courses require a minimum of students and could change the semester
Final Degree Dissertation and Internships may need special requirements