



**BACHELOR'S DEGREE IN MECHANICAL AND MANAGEMENT ENGINEERING**  
**DEGREE PROGRAMME 2025/2026**

Course contents are available at this [link](#)

**1<sup>st</sup> year**

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Mathematical Analysis 1	MAT/05	A	9	90
1	Chemistry	CHIM/07	A	6	60
1	Physics 1	FIS/01	A	8	80
2	Physics 2	FIS/01	A	7	70
2	Fundamentals of Computer Science	ING-INF/05	A	6	60
2	Geometry and Algebra	MAT/03	A	7	70
2	Materials Technology	ING-IND/22	C	6	60

**2<sup>nd</sup> year**

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Mathematical Analysis 2	MAT/05	A	8	80
1	Technical Drawing	ING-IND/15	B	9	90
	Integrated course: Applied Thermodynamics and Electrotechnics				
1	- Module: Applied Thermodynamics	ING-IND/11	C	6	60
1	- Module: Electrotechnics	ING-IND/31	C	6	60
2	Manufacturing Technology	ING-IND/16	B	9	90
<b>Curriculum Mechanical Engineering</b>					
2	Fluid Mechanics	ICAR/01	C	6	60
2	Construction Theory	ICAR/08	C	9	90
<b>Curriculum Management Engineering</b>					
	Integrated course: Essentials of Economics and Business Economics				
2	- Module: Essentials of Economics	SECS-P/06	C	3	30
2	- Module: Essentials of Business Economics	SECS-P/07	C	3	30
2	Principles of mechanical design	ING-IND/14	C	9	90



**3<sup>rd</sup> year**

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Applied Mechanics	ING-IND/13	B	9	90
2	Industrial Plants	ING-IND/17	B	9	90
2	Measurements in Fluid Machines	ING-IND/08	B	6	60
<b>Curriculum Mechanical Engineering</b>					
1	Fluid Machinery	ING-IND/08	B	9	90
1	Integrated course: Machine Components Design				
	- Module: Fundamentals of Machine Design	ING-IND/14	B	6	60
2	- Module: Machine Elements	ING-IND/14	B	6	60
2	Energy Systems	ING-IND/09	B	9	90
<b>Curriculum Management Engineering</b>					
1	Sustainable Energy Technologies and Systems	ING-IND/09	B	9	90
1	Integrated course: Production and logistics management				
	- Module: Production planning and control	ING-IND/16	B	6	60
2	- Module: Supply chain management	ING-IND/17	B	6	60
2	Sustainability of industrial investment projects	ING-IND/35	B	9	90

**Additional credits to be acquired**

Sem	Activity	SSD*	TAF*	Credits	h
	English Language Test - B1 <sup>1</sup>		E	3	
	Elective activities <sup>2</sup>		D	12	
	Other activities		F	3	
	Final Exam		E	6	

**TOTAL CREDITS 180**

(1) The credits of European language level can be acquired:

- passing the English language test at B1 European level (CEFR) at Centro Linguistico d'Ateneo,
- showing appropriate certification of B1 European level (CEFR) knowledge.

(2) The elective activities must be consistent with the personal educational plan and they need approval by the Degree Programme Board.

The semester could change; check in [Course bulletin](#) of the academic year.

**\*Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity