



BACHELOR'S DEGREE IN MECHANICAL AND MANAGEMENT ENGINEERING

DEGREE PROGRAMME 2026/27

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

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Mathematical Analysis 1	MATH-03/A	A	9	90
1	Chemistry	CHEM-06/A	A	6	60
1	Physics 1	PHYS-03/A	A	8	80
2	Physics 2	PHYS-03/A	A	7	70
2	Fundamentals of Computer Science	IINF-05/A	A	6	60
2	Geometry and Algebra	MATH-02/B	A	7	70
2	Materials Technology	IMAT-01/A	C	6	60

2nd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Mathematical Analysis 2	MATH-03/A	A	8	80
1	Technical Drawing	IIND-03/B	B	9	90
1	Integrated course: Applied Thermodynamics and Electrotechnics				
1	- Module: Applied Thermodynamics	IIND-07/B	C	6	60
1	- Module: Electrotechnics	IET-01/A	C	6	60
2	Manufacturing Technology	IIND-04/A	B	9	90
Curriculum Mechanical Engineering					
2	Fluid Mechanics	CEAR-01/A	C	6	60
2	Construction Theory	CEAR-06/A	C	9	90
Curriculum Management Engineering					
2	Integrated course: Essentials of Economics and Business Economics				
2	- Module: Essentials of Economics	ECON-04/A	C	3	30
2	- Module: Essentials of Business Economics	ECON-06/A	C	3	30
2	Principles of mechanical design	IIND-03/A	C	9	90



3rd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Applied Mechanics	IIND-02/A	B	9	90
2	Industrial Plants	IIND-05/A	B	9	90
2	Measurements in Fluid Machines	IIND-06/A	B	6	60
Curriculum Mechanical Engineering					
1	Fluid Machinery	IIND-06/A	B	9	90
1	Integrated course: Machine Components Design - Module: Fundamentals of Machine Design	IIND-03/A	B	6	60
2	- Module: Machine Elements	IIND-03/A	B	6	60
2	Energy Systems	IIND-06/B	B	9	90
Curriculum Management Engineering					
1	Sustainable Energy Technologies and Systems	IIND-06/B	B	9	90
1	Integrated course: Production and logistics management - Module: Production planning and control	IIND-04/A	B	6	60
2	- Module: Supply chain management	IIND-05/A	B	6	60
2	Sustainability of industrial investment projects	IEGE-01/A	B	9	90

Additional credits to be acquired

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

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

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.

***Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity