



BACHELOR'S DEGREE IN MECHANICAL ENGINEERING

DEGREE PROGRAMME 2016/2017

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

1st 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
1	Introduction to Technical Drawing	ING-IND/15	F	3	30
2	Integrated Course: Mathematics - Module: Mathematical Analysis 2	MAT/05	A	5	50
2	- Module: Geometry and Algebra	MAT/03	A	7	70
2	Physics 2	FIS/01	A	7	70
2	Fundamentals of Computer Science	ING-INF/05	A	6	60

2nd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Fundamentals of Machine Design	ING-IND/14	B	6	60
1	Applied Mathematics	MAT/08	A	6	60
1	Technical Drawing	ING-IND/15	B	6	60
1	Integrated Course: Thermofluid Dynamics - Module: Applied Thermodynamics	ING-IND/11	C	6	60
2	- Module: Fluid Dynamics	ING-IND/08	C	6	60
1 - 2	Manufacturing Technology	ING-IND/16	B	12	120
2	Electrotechnics	ING-IND/31	C	6	60
2	Measurements in Fluid Machines	ING-IND/08	C	6	60
2	Materials Technology	ING-IND/22	C	6	60

3rd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Fluid Machinery	ING-IND/08	B	8	80
1	Applied Mechanics	ING-IND/13	B	12	120
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	Mechanical Plants	ING-IND/17	B	8	80
2	Energy Systems	ING-IND/09	B	8	80



Ulteriori crediti da acquisire

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

TOTAL CREDITS 180

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

- passing the English language test as part of the admission test,
- 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