



**BACHELOR'S DEGREE IN NAVAL ARCHITECTURE AND MARINE 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
1	Applied Thermodynamics	ING-IND/11	C	9	90
2	Fluid Mechanics	ICAR/01	C	9	90
2	Production Technologies and Management	ING-IND/16	B	9	90
2	Electrotechnics	ING-IND/31	B	6	60
2	Solid and Structural Mechanics	ICAR/08	C	9	90

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

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Naval Architecture	ING-IND/01	B	12	120
1	Naval Systems	ING-IND/17	B	6	60
	Integrated course: Turbomachinery and energy systems				
1	- Module: Fluid Machinery	ING-IND/08	B	6	60
2	- Module: Energy Systems	ING-IND/09	B	6	60
2	Ship Structures and Construction	ING-IND/02	B	12	120



	<i>One course among:</i>				
2	Applied Mechanics	ING-IND/13	C	6	60
2	Composite materials	ING/IND/14	C	6	60
2	Maritime Law	IUS/06	C	6	60
	Integrated course: Naval Electric Power and Propulsion Systems				
2	- Module: Naval Electric Power Systems	ING-IND/33	C	3	30
2	- Module: Electric Propulsion	ING-IND/32	C	3	30

**Additional credits to be acquired**

Sem	Activity	SSD*	TAF*	Credits	h
	English Language Test - B2 <sup>1</sup>		E	3	
	Elective activities <sup>2</sup>		D	12	
	Other activities		F	3	
	Final Exam		E	6	

**TOTALE COMPLESSIVO DEI CREDITI 180**

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

- passing the English language test at B2 European level (CEFR) at Centro Linguistico d'Ateneo,
- showing appropriate certification of B2 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.

**Other optional activities:**

Sem	Laboratories	SSD*	TAF*	Credits	h
	Naval Communications Laboratory	ING-INF/03	F	3	30
	Logistics and Maritime Transport Laboratory	ICAR/05	F	3	45
	Project Management	ING-IND/35	F	3	30

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

**\*Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity