



BACHELOR'S DEGREE IN NAVAL ARCHITECTURE AND MARINE ENGINEERING

DEGREE PROGRAMME 2024/2025

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
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

2nd 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

3rd 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
1	Integrated course: Turbomachinery and energy systems - Module: Fluid Machinery	ING-IND/08	B	6	60
2		- Module: Energy Systems	ING-IND/09	B	6
2	Ship Structures and Construction	ING-IND/02	B	12	120
2	<i>One course among:</i> 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 ¹		E	3	
	Elective activities ²		D	12	
	Other activities		F	3	
	Final Exam		E	6	

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(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

***Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity