



## BACHELOR'S DEGREE IN CIVIL ENGINEERING

### DEGREE PROGRAMME 2019/2020

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	Fundamentals of Computer Science	ING-INF/05	A	6	60
1	Integrated Course: Chemistry and Materials Technology and Applied Chemistry - Module: Chemistry	CHIM/07	A	6	60
2	- Module: Materials Technology and Applied Chemistry	ING-IND/22	C	5	50
1	Integrated Course: Technical Architecture and Graphics Lab - Module: Graphics Lab	ICAR/17	F	4	40
2	- Module: Technical Architecture	ICAR/10	B	6	60
2	Physics 1	FIS/01	A	8	80
2	Geometry and Algebra	MAT/03	A	7	70

#### 2<sup>nd</sup> year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Mathematical Analysis 2	MAT/05	A	8	80
1	Physics 2	FIS/01	A	7	70
1	Mechanics	MAT/07	A	6	60
1	Decisional Methods in Economy	MAT/09	C	5	50
2	Structural Mechanics/Strength of Materials	ICAR/08	B	10	100
2	Fundamentals of Transport	ICAR/05	B	6	60
2	Hydraulics	ICAR/01	B	10	100



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

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Hydrology and Statistics	ICAR/02	B	8	80
1	Integrated Course: Topography and Topography Laboratory				
1	- Module: Topography	ICAR/06	B	6	60
1	- Module: Topography Laboratory	ICAR/06	F	4	40
1	Integrated Course: Applied Thermodynamics and Electrotechnics				
1	- Module: Applied Thermodynamics	ING-IND/11	C	5	50
1	- Module: Electrotechnics	ING-IND/31	C	4	40
1-2	Theory and Technology of Structures	ICAR/09	B	10	100
2	Integrated Course: Water Supply and Sewerage and Water Supply and Sewerage Lab				
2	- Module: Water Supply and Sewerage	ICAR/02	B	6	60
2	- Module: Water Supply and Sewerage Lab	ICAR/02	F	4	40
2	Integrated Course: Geotechnics and Construction of Road, Railways and Airport				
2	- Module: Geotechnics	ICAR/07	B	6	60
2	- Module: Construction of Road, Railways and Airport	ICAR/04	B	6	60

**Additional credits to be acquired**

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

**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