



BACHELOR'S DEGREE IN CIVIL ENGINEERING

DEGREE PROGRAMME 2015/2016

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

1st year – 1st semester

Teaching course	SSD	TAF	Credits	h
Mathematical Analysis 1	MAT/05	A	9	90
Integrated Course: Chemistry and Materials Technology and Applied Chemistry - Module: Chemistry	CHIM/07	A	6	60
Physics 1	FIS/01	A	8	80
Total Credits 1 st year – 1 st semester			23	

1st year – 2nd semester

Teaching course	SSD	TAF	Credits	h
Mathematical Analysis 2	MAT/05	A	5	50
Integrated Course: Chemistry and Materials Technology and Applied Chemistry - Module: Materials Technology and Applied Chemistry	ING-IND/22	C	5	50
Geometry and Algebra	MAT/03	A	7	70
Physics 2	FIS/01	A	7	70
Fundamentals of Computer Science	ING-INF/05	A	6	60
Total Credits 1 st year – 2 nd semester			30	

2nd year – 1st semester

Teaching course	SSD	TAF	Credits	h
Integrated Course: Statistics and Hydrology - Module: Statistics - Module: Hydrology	SECS-S/02 ICAR/02	C B	4 6	40 60
Mechanics	MAT/07	A	6	60
Integrated Course: Technical Architecture and Graphics Lab - Module: Graphics Lab	ICAR/17	F	4	40
Total Credits 2 nd year – 1 st semester			20	



2nd year – 2nd semester

Teaching course	SSD	TAF	Credits	h
Integrated Course: Technical Architecture and Graphics Lab - Module: Technical Architecture	ICAR/10	B	6	60
Integrated Course: Topography and Topography Laboratory - Module: Topography - Module: Topography Laboratory	ICAR/06 ICAR/06	B F	6 4	60 40
Decisional Methods in Economy	MAT/09	C	5	50
Structural Mechanics/Strength of Materials	ICAR/08	B	10	100
Total Credits 2 nd year – 2 nd semester			31	

3rd year – 1st semester

Teaching course	SSD	TAF	Credits	h
Integrated Course: Applied Thermodynamics and Electrotechnics - Module: Applied Thermodynamics - Module: Electrotechnics	ING-IND/11 ING-IND/31	C C	5 5	50 50
Fundamentals of Transport	ICAR/05	B	6	60
Hydraulics	ICAR/01	B	10	100
Total Credits 3 rd year – 1 st semester			26	

3rd year – 2nd semester

Teaching course	SSD	TAF	Credits	h
Integrated Course: Water Supply and Sewerage and Water Supply and Sewerage Lab - Module: Water Supply and Sewerage - Module: Water Supply and Sewerage Lab	ICAR/02 ICAR/02	B F	6 4	60 40
Integrated Course: Geotechnics and Construction of Road, Railways and Airport - Module: Geotechnics - Module: Construction of Road, Railways and Airport	ICAR/07 ICAR/04	B B	6 6	60 60
Theory and Technology of Structures	ICAR/09	B	10	100
Total Credits 3 rd year – 2 nd semester			32	

Additional credits to be acquired	TAF	Credits
Elective activities ²	D	12
English Language Test ¹	E	3
Final Exam	E	3

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.