




MASTER'S DEGREE IN INTERNET ENGINEERING



DEGREE PROGRAMME 2018/2019

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

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Corso integrato: INFORMATION THEORY				
	- Module: Codes	ING-INF/03	B	6	60
1	- Module: Stochastic models	ING-INF/04	C	5	50
1	Integrated Course: Operating Systems and Law				
	- Module: Operating Systems	ING-INF/05	C	7	70
1	- Module: Computer Science and New Technologies: Legal Aspects	ING-INF/03	C	4	40
2	Integrated Course: Communication Systems				
	- Module: Wireless Transmission	ING-INF/03	B	6	60
2	- Module: Access networks	ING-INF/03	B	5	50
2	Wireless Network Design	ING-INF/02	B	7	70
2	Cybersecurity Technologies and Risk Management 	ING-INF/05	C	10	100
2	Digital media	ING-INF/03	C	6	60
2	Neurons Working	ING-INF/03	F	3	30

2nd year

Sem	Insegnamento	SSD	TAF	CFU	Ore
1	Integrated Course: Pervasive wireless communications				
	- Module: Pervasive wireless systems	ING-INF/02	B	5	50
1	- Module: Radiopropagation in Wireless Communications	ING-INF/02	B	5	50
1	Internet of Things 	ING-INF/03	B	6	60
2	Innovative Architectures and Applications in the Internet	ING-INF/03	B	6	60
1	<i>Choose between:</i> Mobile Networks	ING-INF/03	C	5	50
2	Design of Planar Microwave Components	ING-INF/02	C	5	50
2	<i>Choose between:</i> Advanced embedded systems 	ING-INF/01	C	8	80
2	Integrated Course: Smart systems				
	- Module: Cloud networking and smart cities	ING-INF/03	C	4	40
2	- Module: Smart housing	ING-INF/03	C	4	40



Additional credits to be acquired

Sem	Activity	SSD*	TAF*	Credits	h
	Other activities or English Language Test ²		F	3	
	Elective activities ¹		D	8	
	Final Examination		E	15	

TOTAL CREDITS 120

- (1) The elective activities must be consistent with the personal educational plan and they need approval by the Degree Programme Board.
- (2) The credits of European language level can be acquired passing the English language test at B2 European level (CEFR) at Centro Linguistico d'Ateneo. If the student can show appropriate certification of B2 European level (CEFR) knowledge other activities (laboratories or internship) must be acquired.

Other optional activities:

Sem	Laboratory	SSD	TAF	Credits	h
	Image and Video Processing	ING-INF/03		2	
	iOS Programming	ING-INF/03		2	
	SDR – Software defined radio	ING-INF/03		2	

*Abbreviations

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity