



MASTER'S DEGREE IN INTERNET ENGINEERING
DEGREE PROGRAMME 2022/2023

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

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Integrated Course: Information Theory - Module: Codes	ING-INF/03	B	6	60
1	- Module: Digital media	ING-INF/03	C	6	60
1	Integrated Course: Operating Systems and Law - Module: Operating Systems	ING-INF/05	C	7	70
1	- Module: Legal Computer Science	IUS/20	C	4	40
1	Integrated Course: Communication Systems - Module: Mobile Networks	ING-INF/03	B	6	60
2	- Module: Access networks	ING-INF/03	B	6	60
2	Wireless Network Design	ING-INF/02	B	7	70
2	Cybersecurity Technologies and Risk Management	ING-INF/05	C	8	80
2	Stochastic models	ING-INF/04	C	5	50
2	Project management and team working	ING-INF/03	F	3	30

2nd year

Sem	Insegnamento	SSD	TAF	CFU	Ore
1	Cloud Networking and Data Analysis	ING-INF/03	C	5	50
1	Internet of Things	ING-INF/03	B	6	60
1	Integrated Course: Pervasive wireless communications - Module: Radiopropagation in Wireless Communications	ING-INF/02	B	5	50
2	- Module: Pervasive wireless systems	ING-INF/02	B	5	50
2	Advanced Networking	ING-INF/03	B	6	60
1	<i>Choose between:</i> Advanced embedded systems	ING-INF/01	C	8	80
2	Integrated Course: Smart systems - Module: Network security	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	4	
	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
2	iOS Programming	ING-INF/03	F	2	20
2	Digital Forensics	IUS/20	F	3	30
2	Network Security Lab	ING-INF/03	F	2	20

***Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity