

SURNAME AND GIVEN NAME(S)	STUDENT IDENTITY NUMBER	FISCAL CODE
PHONE/MOBILE	EMAIL ADDRESS	ADDRESS
YEAR OF COURSE (I or II)	FC (supplementary year of studies) <input type="checkbox"/> <small>Please, select the box if you are beyond the second year of enrollment</small>	

MANDATORY SUBJECTS	CFU	Taken (*)	To take (**)	Suggested A.Y.	Semester
Mobile Wireless Networks	9			1	2
Service-oriented Software Engineering	9			1	1
Wireless Electromagnetic Technologies	9			1	1
Network Infrastructures	6			1	1
Fundamentals of Radar and Localization	9			1	2
Internet Technology and Protocols (ex Networking and Internet Protocols)	6/9			1	1
Digital Communications	6			1	2
Formative extra activities	3			1/2	
Final exam	18			2	
CFU 75/78					

The student can choose 30 CFU among the following subjects, conveniently organized in three specialization areas:

SPECIALIZATION AREA "SENSING, SYSTEMS AND INFRASTRUCTURES"	CFU	Taken (*)	To take (**)	Suggested A.Y.	Semester
Satellite Earth Observation	6/9			1/2	2
Radio Location and Navigation Systems (from 2018/19 Satellite Navigation and Surveillance Systems)	6/9			2	1
Internet via Satellite	6			2	1
Radiowave Propagation and Applications	6			2	1
Radar Systems (from 2018/19 Radar Systems and Applications)	6			2	1
Microwaves	6			2	2
Optical Communications	6			2	2
CFU					

SPECIALIZATION AREA "NETWORKS & SERVICES"	CFU	Taken (*)	To take (**)	Suggested A.Y.	Semester
Network Security	6/9			1/2	2
Internet Services and Performance	6/9			2	1
ICT Infrastructures and Applications	6			2	1
Network Regulation and Economics	6			2	1
Cloud Computing and Networking	6			2	1
Internet-based Distributed Simulation	6			2	2
Multimedia Processing and Communication	6			2	1
Enterprise Networks	6			2	1
Internet of Things: Principles and Applications	6			2	2
CFU					

SPECIALIZATION AREA "DATA ANALYTICS & METHODOLOGIES"	CFU	Taken (*)	To take (**)	Suggested A.Y.	Semester
Information Theory and Data Mining	6			2	1
Operations Research Methods for Network Optimization	6/9			2	1
Optimization Methods for Big Data	6			2	1
Web Mining and Retrieval	6/9			2	2
CFU					

OPTIONAL COURSES (12 CFU)	CFU	Taken (*)	To take (**)
	6		
	6		
CFU 12			

TOTAL CFU 120

(*) INSERT THE YEAR OF COURSE (1 or 2) (**) INSERT THE YEAR WHEN THE EXAM IS PLANNED (1or 2)

FURTHER COMMUNICATIONS OF THE STUDENT: _____
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Date _____ Student Signature _____

CCS Notes _____

Approved in CCS of _____ CS Chairman Signature _____

SUPPLEMENTARY SUBJECTS: for credit recovery need only (students coming from other Courses or students making up credits in one or more areas of the above lists), the student can choose among the following subjects which are not part of the Master's Degree programme (To be included in the field "**MANDATORY SUBJECTS**").

SUPPLEMENTARY SUBJECTS	CFU	Suggested A.Y.	Semester
Data Base	6	1	1
Electromagnetic Fields	6	1	1
Fundamentals of Telecommunications	9	1	2
Networking and Internet	9	1	2
Digital Signal Processing	6	1	2

NOTES:

- (1) The 9 CFU optional subjects are always taught in the reduced programme too (6 CFU). The student will attend 2/3 of the 9 CFU subject programme and will be tested on the relevant part of it.
- (2) The student can submit to the Course of Study up to 12 CFU optional subjects chosen among those of other Master's Degree Courses of Tor Vergata, as long as they are in line with the educational objectives and approved by the Course of Study.

Important:

- The Study Plan must be printed, signed, scanned and sent to musetti@eln.uniroma2.it. The original copy of the Study Plan must be taken to the Management Office of the Department of Electronic Engineering, within January 31, 2018.;
- Students enrolled in the A.Y. 2017/18 have to attach to this Study Plan the list of the Bachelor's Degree exams;
- Students enrolled in academic years following the first one have to attach the last approved Study Plan (if submitted), or the list of the Bachelor's Degree exams.