

Computer Science, Biomedical and Telecommunications Engineering (Class L-8)**2025–2026****COMMON CURRICULUM**

Year	Course Title	SSD	ECTS	Semester
I	Mathematics I	MATH-03/A MATH-02/B	15	Annual
I	General Physics	PHYS-01/A	15	Annual
I	Computer Programming	IINF-05/A	15	Annual
I	Fundamentals of Telecommunications	IINF-03/A	6	Annual
I	Numerical Computing Lab	NN	3	Quarterly
I	English Language	ANGL-01/C	3	Quarterly
II	Mathematics II	MATH-03/A	9	1st Semester
II	Fundamentals of Circuits	IET-01/A	9	1st Semester
II	Fundamentals of Bioengineering	IBIO-01/A	6	1st Semester
II	Electromagnetic Fields	IINF-02/A	9	2nd Semester
II	Systems Theory	IINF-04/A	9	2nd Semester
II	Signal Theory	IINF-03/A	9	2nd Semester
II	Mathematics III	MATH-03/A	6	2nd Semester
III	Electronics I	IINF-01/A	9	1st Semester
III	Electrical Communications	IINF-03/A	12	1st Semester
III	Propagation	IINF-02/A	6	1st Semester
III	Biomedical Instrumentation and Bioimaging	IBIO-01/A	6	1st Semester
III	Electronics II	IINF-01/A	6	2nd Semester
III	Microprocessor System Architecture	IINF-05/A	9	2nd Semester
III	Elective Exam	—	6	2nd Semester
III	Elective Exam	—	6	2nd Semester
III	Final Exam	—	6	2nd Semester

ELECTIVE COURSES

Year	Course Title	SSD	ECTS	Semester
III	Antennas	IINF-02/A	6	2nd Semester
III	Business Process Analysis for Risk Management	ECON-06/A	6	2nd Semester
III	Sensors and Actuators	IINF-01/A	6	2nd Semester
III	Health Information Systems	IBIO-01/A	6	2nd Semester
III	Operating Systems	IINF-05/A	6	2nd Semester
III	Radar Imaging Techniques	IINF-03/A	6	2nd Semester

PREREQUISITES

None