

<p>Department of Biomedical Engineering</p> <p>Innovative Therapies</p> <p>Fall Semester</p>
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COURSE	HOURS	ECTS
COURSE UNIT 1: BIOLOGICAL INSTRUMENTATION		
Optical Biosensor (Plasmonics)	30	3
Impedance Spectroscopy	11	1
Optical Instrumentation for Biomedical	11	1
Cell Culture and Instrumentation	22	2
COURSE UNIT 2: NANOSCIENCES AND LAB-ON-CHIPS		
Nanosciences	23	2
Biochip Practical Works	20	2
Lab-on-chips	20	2
COURSE UNIT 3: INNOVATION IN VECTORIZATION		
INNOVEC Winter School	30	3
INNOVEC Project	50	5
Seminars and Bibliographic Studies	15	1
COURSE UNIT 4: R&D PROJECT		
Research and Development Project	50	5
COURSE UNIT 5: FRENCH LANGUAGE AND INTERCULTURALITY		
French Language	25	2
Interculturality	15	1
TOTAL	322	30