

Master Program in Bionics Engineering

I year

Master Program	Year	Class	Module	Professor	Exam method	Limits
Bionics Engineering	1	Applied brain science	Behavioural and cognitive neuroscience	RICCIARDI EMILIANO	On Line mode. Written and oral exam	NO
Bionics Engineering	1	Applied brain science	Computational neuroscience	MICHELI ALESSIO	ON line mode. Oral exam	NO
Bionics Engineering	1	Bioinspired computational methods	Biological data mining	MARCELLONI FRANCESCO	On line mode. Oral exam	NO
Bionics Engineering	1	Bioinspired computational methods	Neural and fuzzy computation	LAZZERINI BEATRICE	On line mode. Oral exam	NO
Bionics Engineering	1	Biomechanics of human motion		MONACO VITO	On line mode. Oral exam	NO
Bionics Engineering	1	Economic assessment of medical technologies and robotics for healthcare		TURCHETTI GIUSEPPE	On line mode. Oral exam	NO
Bionics Engineering	1	Electronics for Bionics Engineering		DANIELE ROSSI	On line mode. Oral exam	NO
Bionics Engineering	1	Materials and instrumentation for bionics engineering	Instrumentation and measurement for bionic systems	SABATINI ANGELO MARIA	On line mode. Oral exam	NO
Bionics Engineering	1	Materials and instrumentation for bionics engineering	Soft and smart materials	CIANCHETTI MATTEO	ON line mode. Oral exam	NO
Bionics Engineering	1	Mechanics of elastic solids and bio-robotic structures		DE SIMONE ANTONIO	ON line mode. Written exam	NO
Bionics Engineering	1	Neuromorphic engineering		ODDO CALOGERO MARIA	ON line mode. Oral exam	NO
Bionics Engineering	1	Principles of bionics engineering		DARIO PAOLO	ON line mode. Oral exam	NO
Bionics Engineering	1	Statistical signal processing		GINI FULVIO	ON line mode. Oral exam	NO

II year

Bionics Engineering	2	Bionic senses		TOGNETTI ALESSANDRO	ON line mode. Oral exam with discussion of projects	NO
Bionics Engineering	2	Human and animal models in biorobotics		CALISTI MARCELLO	ON line mode. Oral exam	NO
Bionics Engineering	2	Integrative cerebral function and image processing	Advanced image processing	VANELLO NICOLA	ON line mode. Oral exam	NO
Bionics Engineering	2	Integrative cerebral function and image processing	Integrative cerebral function	GEMIGNANI ANGELO	ON line mode. Oral exam	NO
Bionics Engineering	2	Lab Training		VOZZI GIOVANNI	ON line mode. Oral exam	NO
Bionics Engineering	2	Neural prostheses	Neural interfaces and bioelectronic medicine	MICERA SILVESTRO		
Bionics Engineering	2	Neural prostheses	Neural tissue engineering	VOZZI GIOVANNI	ON line mode. Oral exam with discussion of projects	NO
Bionics Engineering	2	Prosthetics and rehabilitation robotics	Artificial limbs	CIPRIANI CHRISTIAN	ON line mode. Oral exam	NO
Bionics Engineering	2	Prosthetics and rehabilitation robotics	Robotic exoskeletons	VITIELLO NICOLA	ON line mode. Oral exam	NO
Bionics Engineering	2	Robotics for assisted living	Cloud robotics	FALOTICO EGIDIO	ON line mode. Oral exam	NO
Bionics Engineering	2	Robotics for assisted living	Robot companions for assisted living	CARROZZA MARIA CHIARA	ON line mode. Oral exam	NO
Bionics Engineering	2	Robotics for surgery and targeted therapy	Micro/nano robotics and biomaterials	RICOTTI LEONARDO	ON line mode. Oral exam	NO
Bionics Engineering	2	Robotics for surgery and targeted therapy	Robotics for minimally invasive therapy	MENCIASSI ARIANNA	ON line mode. Oral exam	NO
Bionics Engineering	2	Interactive systems and affective computing	Affective computing	SCILINGO ENZO PASQUALE	ON line mode. Oral exam	NO
Bionics Engineering	2	Interactive systems and affective computing	Interactive System	MAZZEI DANIELE	ON line mode. Oral exam	NO