



## Regolamento didattico

**LM**  
2018/2019

**Classe:** **LM-21 - Ingegneria Biomedica**

**DM270/2004**

**Sede:** **Ancona (sede operativa)**

**CdS:** **Biomedical Engineering**

Anno: 1						
Tip. DM	Tip. AF	SSD	Ciclo	Insegnamento		CFU
f)	Altre	-		Elective Courses taught in English		6
c)	Affine	ING-IND/12	E	Applied Measurement Techniques	Scalise Lorenzo	9
b)	Caratterizzante	ING-INF/06	I	Bioimaging and Brain Research	Porcaro Camillo	9
c)	Affine	BIO/09	I	Human Physiology	Fabri Mara	6
c)	Affine	BIO/10	I	Bioinformatics and Systems Biology	Sorci Leonardo	9
b)	Caratterizzante	ING-IND/34	II	Dynamical Modelling of Movement	Mesnard Michel	9
b)	Caratterizzante	ING-INF/06	II	Models and Control of Biological Systems	Morettini Micaela	9
<b>Anno: 1 - Totale CFU: 57</b>						

Anno: 2 (attivo dall'A.A. 2019/2020)						
Tip. DM	Tip. AF	SSD	Ciclo	Insegnamento		CFU
f)	Altre	-		Elective Courses taught in English		6
f)	Altre	-		Internship		6
f)	Altre	-		Thesis		15
b)	Caratterizzante	ING-INF/06	I	Bioengineering of Motor Rehabilitation		9
b)	Caratterizzante	ING-INF/06	I	Biomedical Signal and Data Processing		9
b)	Caratterizzante	ING-INF/06	II	Physiological Signal Processing and Modelling in Cardiology		9
c)	Affine	ING-INF/04	II	Assistive Robotics		9
<b>Anno: 2 - Totale CFU: 63</b>						

**Totale CFU 2 anni: 120**

### Riepilogo Attività Formative

Attività	Min DM	CFU	CFU
		Ordinamento	
b) - Caratterizzanti la Classe	45	45 - 60	54
c) - Affini o Integrative	12	27 - 42	33
f) - Altre attività formative (D.M. 270 art. 10 §5)		33 - 39	33
<b>Totale</b>			<b>120</b>

**Offerta a scelta libera dello studente (OL) per i corsi a scelta**

<b>SSD</b>	<b>Ciclo</b>	<b>Offerta formativa</b>	<b>Docente</b>	<b>CFU</b>
FIS/01	I	Bionanotechnology	Simoni Francesco	6
ICAR/01	I	Bio-Fluid Dynamics	Brocchini Maurizio	6
ING-IND/15	II	Methods and Tools for Biomedical Product Design	Mandolini Marco	6
ING-IND/22	II	Biomaterials 2	Mazzoli Alida	6
ING-INF/02	II	Electrical and Electromagnetic Safety and Interactions in Biomedical Devices	Moglie Franco	6
ING-INF/02	I	Fields and Waves in Biomedical Systems	Farina Marco	6
ING-INF/03	II	Information and Communication Technologies for Healthcare	Pierleoni Paola	6
ING-INF/03	I	Privacy and Security of Biomedical Data	Baldi Marco	6
ING-INF/04	II	Control Techniques for Bioengineering	Orlando Giuseppe	6
MAT/05	II	Mathematical Methods for Bioengineering	Demeio Lucio	6
MED/01	II	Medical Statistics		6