



Regolamento Didattico e Organizzazione Didattica

LM
2021/2022

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

DM270/2004

Sede: **Ancona (sede operativa)**

CdS: **Biomedical Engineering**

eHealth and Clinical Engineering
Engineering of Medical Devices

Offerta Formativa Facoltà Ingegneria <http://www.ingegneria.univpm.it/offerta-formativa-2021>

Programmi degli Insegnamenti <https://guide.univpm.it/guide.php?fac=ingegneria>

Anno: 1						
Tip. DM	Tip. AF	SSD	Ciclo	Insegnamento	Docente	CFU
f)	Altre	-		Elective Courses taught in English		6
b)	Caratterizzante	ING-INF/06	I	Bioimaging and Brain Research	Porcaro Camillo	9
c)	Affine	ICAR/01	I	Bio-Fluid Dynamics	Brocchini Maurizio	6
c)	Affine	ING-IND/12	I	Applied Measurement Techniques	Scalise Lorenzo	9
b)	Caratterizzante	ING-INF/06	II	Models and Control of Biological Systems	Morettini Micaela	9
Anno: 1 - Totale CFU: 39						
eHealth and Clinical Engineering						
c)	Affine	BIO/10	I	Bioinformatics and Systems Biology	Sorci Leonardo	9
b)	Caratterizzante	ING-INF/06	II	Clinical Engineering	Savini Manuela	9
Anno: 1 (: eHealth and Clinical Engineering) - Totale CFU: 18 + 39 comuni = 57						
Engineering of Medical Devices						
c)	Affine	ING-IND/22	I	Biomaterials for Medical Devices and Prostheses	Mazzoli Alida	9
b)	Caratterizzante	ING-INF/06	II	Dynamical Modelling of Movement	Mengarelli Alessandro	9
Anno: 1 (: Engineering of Medical Devices) - Totale CFU: 18 + 39 comuni = 57						
Anno: 2 (attivo dall'A.A. 2022/2023)						
Tip. DM	Tip. AF	SSD	Ciclo	Insegnamento	Docente	CFU
f)	Altre	-		Elective Courses taught in English		6
f)	Altre	-		Internship		6
f)	Altre	-		Thesis		15
b)	Caratterizzante	ING-INF/06		Bioengineering of Motor Rehabilitation		9
b)	Caratterizzante	ING-INF/06		Biomedical Signal and Image Processing		9
b)	Caratterizzante	ING-INF/06		Cognitive Computation in Physiology and Medicine		9
c)	Affine	ING-INF/04		Assistive Robotics		9
Anno: 2 - Totale CFU: 63						
Totale CFU 2 anni: 120						

Riepilogo Attività Formative

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

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

Approvate in automatico su Piano di Studio ON-LINE ([link a nota di compilazione](#))

SSD	Ciclo	Offerta formativa	Docente	Anno	CFU
ING-IND/12	II	Medical Device Certification and Regulation		1	6
ING-INF/04	II	Control and Identification in Bioengineering	Monteriu' Andrea	1	6
MED/01	II	Medical Statistics	Gesuita Rosaria	1	6
Curriculum eHealth and Clinical Engineering					
FIS/01		Bionanotechnology		2	6
ING-INF/03		Biomedical Data Protection		2	6
ING-INF/03		Internet of Medical Things (IoMT)		2	6
Curriculum Engineering of Medical Devices					
ING-IND/15		Methods and Tools for Biomedical Product Design		2	6
ING-INF/02	II	Electromagnetic Safety in Medical Devices	Moglie Franco	1	6
ING-INF/02		Fields and Waves in Biomedical Systems		2	6