



Piano di Studio Statutario

LM
2019/2020

Classe: LM-21 - Ingegneria Biomedica

DM270/2004

Sede: Ancona (sede operativa)

CdS: Biomedical Engineering

Anno: 1

Tip. DM	Tip. AF	SSD	Offerta formativa	CFU
b)	Caratterizzante	ING-IND/34	Dynamical Modelling of Movement	9
b)	Caratterizzante	ING-INF/06	Bioimaging and Brain Research	9
b)	Caratterizzante	ING-INF/06	Models and Control of Biological Systems	9
c)	Affine	BIO/09	Human Physiology	6
c)	Affine	BIO/10	Bioinformatics and Systems Biology	9
c)	Affine	ING-IND/12	Applied Measurement Techniques	9
f)	Altre	-	Elective Courses taught in English	6
Anno: 1 - Totale CFU: 57				

Anno: 2 (attivo dall'A.A. 2020/2021)

Tip. DM	Tip. AF	SSD	Offerta formativa	CFU
b)	Caratterizzante	ING-INF/06	Bioengineering of Motor Rehabilitation	9
b)	Caratterizzante	ING-INF/06	Biomedical Signal and Data Processing	9
b)	Caratterizzante	ING-INF/06	Physiological Signal Processing and Modelling in Cardiology	9
c)	Affine	ING-INF/04	Assistive Robotics	9
f)	Altre	-	Elective Courses taught in English	6
f)	Altre	-	Internship	6
f)	Altre	-	Thesis	15
Anno: 2 - Totale CFU: 63				

Totale CFU 2 anni: 120

Riepilogo Attività Formative

Attività	Min	CFU	CFU
	DM	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
Totale			120

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

SSD	Offerta formativa	Anno	CFU
FIS/01	Bionanotechnology (general elective course assigned by default)	2	6
ICAR/01	Bio-Fluid Dynamics	2	6
ING-IND/15	Methods and Tools for Biomedical Product Design	2	6
ING-IND/22	Biomaterials 2 (general elective course assigned by default)	1	6
ING-INF/02	Electrical and Electromagnetic Safety and Interactions in Biomedical Devices	1	6
ING-INF/02	Fields and Waves in Biomedical Systems	2	6
ING-INF/03	Biomedical Data Protection	2	6
ING-INF/03	Information and Communication Technologies for Healthcare	2	6
ING-INF/04	Control Techniques for Bioengineering	1	6
MED/01	Medical Statistics	1	6