UNIVERSITÀ DI PAVIA

Anno Accademico 2021/2022

BIOMEDICAL DATA ANALYSIS

Enrollment year	2020/2021
Academic year	2021/2022
Regulations	DM270
Academic discipline	ING-INF/06 (ELECTRONIC AND INFORMATION BIOENGINEERING)
Department	DEPARTMENT OF ELECTRICAL,COMPUTER AND BIOMEDICAL ENGINEERING
Course	BIOENGINEERING
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	2nd semester (07/03/2022 - 17/06/2022)
ECTS	6
Lesson hours	72 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	MAGNI PAOLO (titolare) - 6 ECTS
Prerequisites	=
Learning outcomes	=
Course contents	Introduction to biostatistics descriptive statistics Type of data, frequency table, graphical representations, quantitative measurements Statistical studies Introduction to the probabilities Random variables and distributions Estimation theory and estimator properties

	Statistical tests
Teaching methods	Lectures (hours/year in lecture theatre): 22 Practical class (hours/year in lecture theatre): 26 Practicals / Workshops (hours/year in lecture theatre): 26
Reccomended or required readings	Several books are available. The course is in italian
Assessment methods	Written and oral exam
Further information	Written and oral exam
Sustainable development goals - Agenda 2030	$lbl_legenda_sviluppo_sostenibile