



UNIVERSITÀ DI PAVIA

Anno Accademico 2016/2017

BIOMEDICAL DATA ANALYSIS

Enrollment year	2015/2016
Academic year	2016/2017
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 (01/03/2017 - 09/06/2017)
ECTS	6
Lesson hours	78 lesson hours
Language	ITALIAN
Activity type	WRITTEN AND ORAL TEST
Teacher	MAGNI PAOLO (titolare) - 6 ECTS
Prerequisites	=
Learning outcomes	=
Course contents	<p>Introduction to biostatistics descriptive statistics Type of data, frequency table, graphical representations, quantitative measurements</p> <p>Statistical studies Introduction to the probabilities Random variables and distributions</p> <p>Estimation theory and estimator properties</p>

	Statistical tests
Teaching methods	Lectures (hours/year in lecture theatre): 40 Practical class (hours/year in lecture theatre): 20 Practicals / Workshops (hours/year in lecture theatre): 0
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