



# UNIVERSITÀ DI PAVIA

Anno Accademico 2019/2020

PHYSICS	
Enrollment year	2019/2020
Academic year	2019/2020
Regulations	DM270
Academic discipline	FIS/03 (MATERIAL PHYSICS)
Department	DEPARTMENT OF ELECTRICAL, COMPUTER AND BIOMEDICAL ENGINEERING
Course	BIOENGINEERING
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	2nd semester (02/03/2020 - 12/06/2020)
ECTS	9
Lesson hours	80 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	MINZIONI PAOLO (titolare) - 9 ECTS
Prerequisites	Excellent knowledge of the Italian language, calculus and vector geometry is required..
Learning outcomes	To learn the basics of mechanics, fluid dynamics, and thermodynamics.
Course contents	Point mechanics. Extended body mechanics. Fluid dynamics. Thermodynamics.
Teaching methods	Lectures (hours/year in lecture theatre): 45 Practical class (hours/year in lecture theatre): 45 Practicals / Workshops (hours/year in lecture theatre): 0
Reccomended or required	Mazzoldi-Nigro-Voci, FISICA vol.1,

<b>readings</b>	EdiSES (Napoli) ISBN: 8879591371.  PAY ATTENTION TO ISBN NUMBER !
<b>Assessment methods</b>	Written exam in two parts (based on problems) + Oral exam on theory.
<b>Further information</b>	The updated website of the course is at  <a href="https://sites.google.com/a/unipv.it/fisica-1/">https://sites.google.com/a/unipv.it/fisica-1/</a>
<b>Sustainable development goals - Agenda 2030</b>	<a href="#">\$lbl_legenda_sviluppo_sostenibile</a>