



# UNIVERSITÀ DI PAVIA

Anno Accademico 2019/2020

## PHYSICS

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