



# UNIVERSITÀ DI PAVIA

Anno Accademico 2021/2022

## DESIGN OF CONSTRUCTIVE ELEMENTS

Enrollment year	2021/2022
Academic year	2021/2022
Regulations	DM270
Academic discipline	ICAR/10 (TECHNICAL ARCHITECTURE)
Department	DEPARTMENT OF CIVIL ENGINEERING AND ARCHITECTURE
Course	CIVIL ENGINEERING
Curriculum	Strutturistico
Year of study	1°
Period	2nd semester (07/03/2022 - 17/06/2022)
ECTS	6
Lesson hours	55 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	BESANA DANIELA (titolare) - 6 ECTS
Prerequisites	Basic knowledge of technical drawing.
Learning outcomes	The course aims to provide students with the foundations for the knowledge of the planning and implementation phases of the individual architectural features of the building structure and interrelationships that are established between them once set in place.
Course contents	The course aims to make students to address and solve technological problems that underlie the architectural design of a building. The course deals with the structural elements that make up the building structure and their aggregation aimed at the definition of the building; construction techniques and materials are addressed according both to traditional and innovative solutions.
Teaching methods	The course consists of lectures and exercises Lessons, focused on the above topics make extensive use of critical

	<p>analysis of examples made.</p> <p>Exercises aims to draft a project of a building complex including the definition of some buildings details.</p>
<b>Reccomended or required readings</b>	E. Mandolesi. Edilizia (voll. 1,2,3,4). UTET, Torino.
<b>Assessment methods</b>	evaluation of the project and oral exam
<b>Further information</b>	evaluation of the project and oral exam
<b>Sustainable development goals - Agenda 2030</b>	<a href="#">\$Ibl legenda sviluppo sostenibile</a>