

# Laurea Magistrale (Master of Science) in Building and Architectural Engineering

## Curriculum Architectural Engineering - Lecco campus

	ECTS	SSD	Notes
<b>SEMESTER 1 - intro &amp; catch up</b>	<b>30 (+6*)</b>		<b>active in 2014-15</b>
<div style="border: 1px dashed blue; padding: 5px; margin-bottom: 10px;"> <i>Basics of Building Physics &amp; Structural Design (alternative to Elective course 1)*</i> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px dashed blue; padding: 5px; margin-right: 10px;"> <p style="color: blue; font-size: small;">in alternative, but in Italian</p> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px; width: 40%;">Progetto di Strutture</div> <div style="border: 1px solid black; padding: 5px; width: 40%;">Consolidamento</div> </div> </div> <div style="border: 1px solid black; padding: 5px; width: 60%;">Building Physics</div> </div> <div style="border: 1px solid black; padding: 5px; width: 60%;">Structural Design</div> <div style="border: 1px solid black; padding: 5px; width: 60%;">Sustainable Multidisciplinary Design Process + Studio</div> <div style="border: 1px solid black; padding: 5px; width: 60%;">History of Architecture</div>	3+3	ING-IND/11 ICAR/09	Introduction, compulsory for architects.
	9	ING-IND/11	
	6	ICAR/09	
	9	ICAR/10	Blue = courses with design studios.
	6	ICAR/18	
<b>SEMESTER 2 - tools</b>	<b>36</b>		<b>active in 2014-15</b>
Urban Design + Studio	12	ICAR/21	
Conservation + Studio	9	ICAR/19	
Building Services	6	ING-IND/11	
Building Materials	9	ING-IND/22	
<b>SEMESTER 3 - tools</b>	<b>30</b>		<b>active in 2015-16</b>
<div style="border: 1px solid black; padding: 5px; width: 45%;">Sustainable Building Tech + Studio</div> <div style="border: 1px solid black; padding: 5px; width: 45%;">Refurbishment &amp; Energy Retrofit + Studio</div>	12	ICAR/10-11	
Architectural Design + Studio	12	ICAR/14	
Integrated Project Management & Design Tools	6	ICAR/10-11	
same project (shared Lab?)			
<b>SEMESTER 4 - final thesis</b>	<b>24 (-6*)</b>		<b>active in 2015-16</b>
Elective course 1*	6	various	To be picked from the basket below (or elsewhere).
Elective course 2	6	various	
Integrated Final Design Studio	9	/	* Elective course 1 can be the intro in Building Physics & Structural Design.
Internship	3	/	
<div style="border: 1px solid black; padding: 5px; width: 45%;">Buildings in Seismic Areas</div> <div style="border: 1px solid black; padding: 5px; width: 45%;">Energy-efficient buildings</div>	6	various	
<div style="border: 1px solid black; padding: 5px; width: 45%;">Optioneering &amp; Parametric Design</div> <div style="border: 1px solid black; padding: 5px; width: 45%;">Building Durability</div>			
"basket" of elective courses			

Please note that semesters 3 and 4 are subject to change before they are activated.

Arrows show logical connections between courses