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Course unit English denomination	Sustainable Design
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SS	CEAR 08/B
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Teacher in charge (if defined)	Rossana Paparella
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Teaching Hours	24
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Number of ECTS credits allocated	4
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Course period	May-June
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Course delivery method	<input checked="" type="checkbox"/> In presence <input type="checkbox"/> Remotely <input type="checkbox"/> Blended
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Language of instruction	English/Italian
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Mandatory attendance	<input checked="" type="checkbox"/> Yes (50% minimum of presence) <input type="checkbox"/> No
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Course unit contents	Sustainability and control of the built environment. Techniques and materials for the construction of sustainable buildings. Modeling of environmental well-being and conformation of the built environment. Methods, tools and procedures for a sustainable building process. Typology of buildings and sustainable city construction. Examples and case studies.
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Learning goals	The candidate has experience in discussing and formulating a relevant research project related to sustainable design. Can select, read, process and write relevant literature on sustainable design.
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Teaching methods	The activities include classroom hours where the course contents are explained on computer support (powerpoint file).
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Course on transversal, interdisciplinary, transdisciplinary skills	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Available for PhD students from other courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Prerequisites (not mandatory)	
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Examination methods (if applicable)	Report on the design of the thesis work programme in relation to sustainability criteria.
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## PhD Course in Sciences of Civil, Environmental and Architectural Engineering

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**Suggested readings** All the teaching material presented during the lectures is made available on the moodle platform.

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**Additional information** -----

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