

THE FOLLOWING IS A LIST OF CATEGORIES UNDER WHICH UNDERGRADUATE STUDENTS ARE EXPECTED TO DEVELOP A BACHELOR THESIS (DEGREE PROJECT)

Each bachelor thesis (degree project) should fit in one of the theme areas on the left column. Additionally, project proposals, to be approved by the academic board of the degree, should cover at least to some extent, the points listed in the following page

THEME AREAS	EXAMPLES OF PROJECTS
CONSERVATION OF BUILT HERITAGE AND TRADITIONAL ARCHITECTURE	<ul style="list-style-type: none"> <li>• Energy efficiency / Acoustic conditioning / climate control</li> <li>• Interior architecture project</li> <li>• Restauration and maintenance of built heritage</li> <li>• Repair / refurbishment of built heritage</li> <li>• Change of use of a historic building</li> <li>• ...</li> </ul>
REPAIRS OR NEW USES IN NON-HISTORIC BUILDINGS OR TRADITIONAL ARCHITECTURE	<ul style="list-style-type: none"> <li>• Energy efficiency / Acoustic conditioning / climate control</li> <li>• Repair / refurbishment of non-historic buildings</li> <li>• Interior architecture project</li> <li>• Technical report for application for activity license</li> <li>• Change of use in existing building</li> <li>• ...</li> </ul>
BUILDING AND THE ENVIRONMENT	<ul style="list-style-type: none"> <li>• Energy efficiency / Acoustic conditioning / climate control</li> <li>• Bioclimatic architecture and buildings</li> <li>• Green building</li> <li>• Sustainability / Recycling / Construction waste management</li> <li>• ...</li> </ul>
BUILDING TECHNIQUES AND TECHNOLOGY	<ul style="list-style-type: none"> <li>• Prefabricated construction</li> <li>• New construction materials</li> <li>• Building Structures</li> <li>• Building services</li> <li>• Construction techniques</li> <li>• ...</li> </ul>
CONSTRUCTION PROJECTS MANAGEMENT	<ul style="list-style-type: none"> <li>• Project Management and its tools for building projects</li> <li>• Lean Construction and its tools for building projects.</li> <li>• Integrated project management and its tools for building projects</li> <li>• Management of Life-cycle of a building</li> <li>• Building Information Modeling (BIM).</li> <li>• ...</li> </ul>

**UNDERGRADUATE THESIS (DEGREE PROJECT) DEVELOPED IN ANY OF THE PREVIOUS AREAS SHOULD TRY TO COVER AT LEAST TO SOME EXTENT**

MAJOR POINTS TO BE COVERED IN A BACHELOR THESIS (DEGREE PROJECT)	EXAMPLES OF ITEMS IN EACH AREA
DRAWING AND GRAPHICS	Collecting data and plan drawing Project plans Graphic analysis of the building project Advanced Graphic Systems
CONSTRUCTION TECHNOLOGY AND MATERIALS	Constructive details Construction process Analysis of materials to be used
FINANCIAL MANAGEMENT	Cost control Valuations, real estate appraisal Feasibility studies, etc.
PROCESS MANAGEMENT AND PROJECT EXECUTION	Health and Safety in the construction process Construction equipment management Planning and Scheduling Site organization, etc.
OTHER	Reserved for any other contest of the degree Project that does not fit into any of the previous areas.