

## Senior Thesis Brief Description

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<b>Thesis Title</b>	<b>Sustainability schemes and building materials</b>
<b>Programme of Studies</b>	BSc in Quantity Surveying, Frederick University, Cyprus
<b>Course</b>	ASSP 450 Senior Project
<b>Area of Study</b>	Computational Building Physics – Sustainability Assessment
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<b>Students Reg. Number</b>	6060
<b>Supervisor</b>	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
<b>Supervisory Committee</b>	Dr. Christakis Onisiphorou, Lecturer, Civil Engineering Department Dr. George Papadopoulos, V. Lecturer, Civil Engineering Department
<b>Semester</b>	Spring Semester 2015
<b>Short Description</b>	Sustainability schemes in the built environment are a novel practice that is applied in the construction industry. Some good examples of these schemes are the LEED, the BREEAM and the DGNB. These assessment instruments have extensive references regarding the sustainability evaluation criteria of building materials as well. In terms of this study, the provisions of the main sustainability schemes regarding building materials were examined and analysed in a comparative procedure. Also the building materials used in Cyprus were assessed using these schemes and the main sustainability indicators were extracted.