

**Course Syllabus**

<b>Department/Faculty: School of Architecture and Urbanism</b>	
<b>Graduate Program: Architecture and Urbanism (Strictu Sensu)</b>	
<b>Degree</b> X Academic Master's                      X Doctorate (PhD) <input type="checkbox"/> Professional Master's	
<b>Course Name: Environment and Sustainability in Projects of Architecture and Urbanism</b>	
<b>Professor (s):</b> <b>Maria Augusta Pisani</b>	
<b>Office hours:</b> <b>48 hs</b> <b>Credits: 4</b>	<b>Elective Course</b> <b>Academic Master's Degree</b> <b>Doctorate (PhD) Degree</b>
<b>Course Outline:</b> Relation of conceptual and theoretical issues to the environment and anthropic territorial actions. Sustainable technologies and materials. Renewable environmental construction. Urban and city development compatible with the preservation of natural resources. Recovery and reuse of buildings; energy conservation; and hydric resources preservation; in its socioeconomic, cultural and environmental contexts. Review of case studies following three guidelines: Conceptual and environmental situation; problems and potential resources; urban projects and/or sustainable buildings.	
<b>Texts, Materials, and Supplies:</b> <b>Basic Bibliography:</b>  GONÇALVES, Joana Carla Soares e KLAUS BODE (org.) Edifício Ambiental. São Paulo: Oficina de textos, 2015. FARR, Douglas. Urbanismo Sustentável: Desenho Urbano com a Natureza. Porto Alegre: Bookman, 2013. CORBELLA, Oscar e YANNAS, Simos Em busca de uma arquitetura sustentável para os trópicos. Rio de Janeiro. Revan. 2003.  FRANCO, Maria de Assunção Ribeiro. Planejamento Ambiental para a Cidade Sustentável, São Paulo: Annablume, 2001. ORDEM DOS ARQUITECTOS (Portugal) A Green Vitruvius - Principios e práticas de projecto para a arquitectura sustentável. Lisboa: Ordem dos Arquitectos, 2001. ROGERS, Richard, com GUMUCHDJIAN, Philip. Cidades para um Pequeno Planeta. Barcelona: Gustavo Gili, 1997. ROMERO, Marta Adriana Bustos. Arquitetura Bioclimática do Espaço Público. Brasília: Ed.Unb, 2001.	