



NAAB International Certification

Appendix 1: Template for Course Descriptions [limit 1 page per course]

Number & Title of Course (total credits awarded):

ARCH202 - Design Studio IV - Semester 4 - ECTS 12 - Cycle/Profile: 1st. Cycle/Core - Scientific Area: AU- Architecture and Urbanism

Course Description (limit 25 words)

The curricular unit aims to deepen the student's design practice on intermediate scales and in an interdisciplinary environment, extending the design process to larger objects

Course Goals & Objectives (list):

- Expand the mastery of the design process, spatial thinking and the capabilities of representing architectural ideas to slightly more complex objects.
- Introduce the issues of structural support in medium-sized buildings and their connection to materiality.
- Develop creative, architectural and urban capacity, in spaces of intermediate size.
- Develop the cultural reference of architecture and urbanism to support the design act.
- Deepen the mastery of the design tools for architectural objects and the urban space under design.
- Introduce in a controlled manner and at an advanced stage the representation techniques of architectural and urban planning projects of indirect expression (digital media).

Student Performance Criterion addressed (list number and title):

Primary - A.1 Professional Communication Skills; A.4 Architectural Design Skills; Secondary - A.5 Ordering Systems; B.5 Structural Systems;

Topical Outline (include percentage of time in course spent in each subject area):

Work hours (total): 300.0

Lecturing hours (all students): 8.0

Design contact hours in class studios: 104.0

Other contact hours: 44.0

Design independente work: 144.0

Prerequisites:

ARCH101 - Design Studio I; ARCH102 - Design Studio II;

Textbooks/Learning Resources:

COELHO, Carlos Dias (coord.): Cadernos de Morfologia Urbana. Estudos da Cidade Portuguesa. Argumentum Vol. I e II, Lisboa, 2013-14.

DEPLAZES, Andrea (Ed.): Construction Architecture: Materials, Processes, Structures, Birkhauser, 2009.

MONTANER, Josep Maria: Sistemas Arquitectónicos Contemporâneos. Barcelona: Gustavo Gili, 2008.

NORBERG-SCHULZ, C.: Genius Loci. Pierre Madraga Éd., 1981.

VENTURI, Robert: Complexidade e Contradição em Arquitectura. São Paulo: Martins Fontes, 2004

Offered (semester and year):

2nd Year - Spring;

Faculty assigned (list all faculty assigned during the two academic years prior to the visit):

Ana Marta Das Neves Santos Feliciano; Carlos Jorge Henriques Ferreira; João Pedro Teixeira de Abreu Costa; José Manuel dos Santos Afonso; Margarida Maria Garcia Louro do Nascimento e Oliveira; Maria Conceição Bidarra de

