



Date:	REGISTRATION OF COURSES	RESPONSIBLE OF REGISTRATION:
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AREA OF KNOWLEDGE	SUB-AREA	UNDERGRADUATE	POSTGRADUATE
BASIC SCIENCES			
ECONOMICS AND SOCIAL SCIENCES			
HEALTH SCIENCES			
ENGINEERING, ARCHITECTURE AND TECHNOLOGY	ARCHITECTURE	X	
EDUCATION SCIENCES			
HUMANITIES AND ARTS			
AGRICULTURAL AND SEA SCIENCES			
MILITARY ARTS AND SCIENCES			
SAFETY AND CIVIL PROTECTION			
INTERDISCIPLINARY			
OTHERS			

ADSCRIPTION OR BRANCH (ES):

FACULTY	ARCHITECTURE AND URBANISM
SCHOOL	ARCHITECTURE "CARLOS RAÚL VILLANUEVA"
INSTITUTE	
DEPARTMENT	URBAN STUDIES SECTOR
OTHERS	

COURSE:

NAME	URBAN DESIGN
CODE	3297
EXECUTIVE UNIT	URBAN STUDIES SECTOR
CLASSIFICATION	ELECTIVE/ THEORETICAL
APPROVAL DATE	
UPDATE DATE	JULY 2001
APPROVAL AUTHORITY	
CREDIT UNITS	THREE (3)
HOURS/WEEK	THREE (3)
REGIMEN	SEMI-ANNUAL
ACADEMIC PERIODS	ONE (1)
REQUIREMENTS	URBAN STRUCTURE 3010 OR URBAN STUDIES II 3006
PROFESSOR	MARIA ISABEL PENA, NEWTON RAUSEO



PURPOSES

The Urban Studies Sector is a Knowledge Sector fundamentally theoretical, which aims to a rigorous formation of the student in the Urbanism area as scientific discipline, on function of the requirements of the student, and then, graduated from the School, will have in her or him architectural exercise, which will be fundamentally developed in the urban scope, which impose conditions of dynamic and urban structure, in its formal and procedure aspects, physical, functional and cultural; and which the architect can modify in different scales through his or her building intervention.

Pretends to give a conceptual, intellectual, critical and ethical formation to the student; regarding the urban fact, through the development of criteria and methods to face its study, from a historical perspective, and with special attention to the contemporary local reality.

Moreover, it gives the minimal tools of instrumental analysis, which will allow the verification of the theoretical-conceptual developments incorporated to their formation, oriented to the practice to the establishment of methodological and direct conceptual links with the exercise of architecture: development of the abstract thought, treatment of the unavoidable technological specifications, knowledge of the historic vision of the discipline, and the consideration of the influence of the environmental and urban determinants.

All these determinants are oriented to the achievement of a stimulated intellectual synthesis and oriented by the professor, through a renovated curriculum design, aiming the coordination of the development interdisciplinary topics, taking advantage of the resources of the School (the Sector Knowledge and other Faculty authorities), enhancing the link between the urban discipline and the teaching of architectural design, with a multi-disciplinary, technological but equally humanist and social perspective, in which the sensibility and a response capacity scientifically rigorous, critical, ethical and aesthetical, of which the environmental-urban surroundings determinants impose the challenge to their architectural proposal, has the last end of contributing to a better quality life of the citizen, a dignification of the urban space as the place for the cultural enrichment and wealth generation; as well as being particularly an effective response to complex problems of the local and universal reality.

Particularly, the course URBAN DESIGN is introduced to the student through the analysis of urban typologies, theoretical references and treatments of the urban space, its consequences over the urban system and the economic and regulatory implications of alternative urban design proposals.



LEARNING OBJECTIVES

That the student be capable to:

1. Develop a conception of urban design with emphasis in the morphologic vision of the city, through the urban system study, the elements which compose it and its relations.
2. Comprehend, with a critical vision, the proposals of different authors; as well as the traditional and modern elements which define the urban fabric.
3. Comprehend the morphology of the modern and traditional city, its historic relations (layers, typologies, fragments).
4. Identify urban fabrics in the city.
5. Review the conception of design urban based on the regulation.
6. Review the conception of urban design based on the urbanization costs.

CONTENTS

TOPIC 1: Urban design conception. Morphologic vision. The urban system. City, significance and shape concepts. The elements of the city. The vision of Kevin Lynch. The vision of Spyro Kostoff. City fabrics. Modernity lessons. Le Corbusier. Carlos Raúl Villanueva. Traditional city. Historical relations. Urban fabrics.

TOPIC 2: The urban design conception based on regulation: regulation and urban fabric. Building typologies.

TOPIC 3: The urban design conception based on urbanization costs: economic feasibility of urban projects.

INSTRUCTIONAL STRATEGIES

The course is developed through master classes with readings assignments, study cases and guided visits.



INSTRUCTIONAL MEDIA

Urban images, specialized textbooks, field visits, slides usage, digitized presentations, transparencies and plans.

EVALUATION

Written exams, bibliography cards elaboration, elaboration of written works and graphics of historical research, updated about study cases spatially located, cities, sectors of cities and/or communities. Cases comparison and historical and critical development of the multi-discipline explanations of the intra-urban organization processes.

TEXTBOOKS (If possible, according to contents)