



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

**ADSCRIPTION OR BRANCH (ES):**

FACULTY	ARCHITECTURE AND URBANISM
SCHOOL	ARCHITECTURE "CARLOS RAÚL VILLANUEVA"
INSTITUTE	
DEPARTMENT	Technology Sector
OTHERS	

**COURSE:**

NAME	HOUSING AND CONSTRUCTION
CODE	2431
EXECUTIVE UNIT	
CLASSIFICATION	ELECTIVE/ THEORETICAL-PRACTICAL
APPROVAL DATE	
UPDATE DATE	
APPROVAL AUTHORITY	
CREDIT UNITS	THREE (3)
HOURS/WEEK	FOUR (4)
REGIMEN	SEMI-ANNUAL
ACADEMIC PERIODS	REGULAR AND SUMMER SEMESTER
REQUIREMENTS	TECHNOLOGICAL APPLICATIONS CODE 2066
PROFESSOR	



## PURPOSES

Raise awareness to students as professional of architecture facing the housing solution problematic for families of low economic resources and all the exogenous problematic that effects its solution.

## LEARNING OBJECTIVES

At the end of the course the student will be in capacity to:

- Know what an informal settlement is and its politic, social and economic problematic.
- Acquire knowledge for suitable intervene, both in the planning or reorganization, as well as in the approach of searched solutions.
- Obtain knowledge to orient inhabits about how to better build with accessible materials (recyclable, of lower cost, others) considering the comfortability of the space as the main goal.
- Discuss regarding influent factors in the improvement dynamics.
- Establish the type of contributions and the desirable relations forms between professionals of architecture and inhabitants of informal urban settlements.



## **CONTENTS**

### **TOPIC 1**

Introduction to informal settlements. Characteristics and ways of life. What is an informal urban settlement? Generating factors: Urban land value and social exclusion. Reasons of the informal occupation. Processes of constitution and progressive consolidation. Relation of inhabitants with the State and the political parties. Dynamics of their socio-economic and spatial relations. Predominant values and attitudes in the relationships between professionals of architecture and inhabitants of urban settlements.

### **TOPIC 2**

Housing problem in Venezuela. Advanced methods of problems solution.

### **TOPIC 3**

The most common pathologies in informal buildings. Natural risks. Basic factors for a most human dwelling. Appropriated practices in the construction for the dwelling in informal settlements

### **TOPIC 4**

Real proposal of housing solution for a specific family of the studied sector.



### **INSTRUCTIONAL STRATEGIES**

- Group researches
- Analysis and problems comparison
- Analysis of a specific sector of the city
- Practical work showing real and suitable solutions
- Raise awareness in the community and projects presentation.

### **INSTRUCTIONAL MEDIA**

- Visit to the settlements
- Topics presentation
- Approach of general solution of the informal urban settlement (in ways of formality)
- Particular approach and an integrated solution to a specific family.

### **EVALUATION**

- Two (2) evaluations for every researched topic
- Final work elaboration
- Plans submission of the existing approach and the projected solution. Model and plans for the construction of the proposed dwelling solution.

### **TEXTBOOKS**

Conferencia Central CONPAT-2000 Santo Domingo.

Wokshop: Modelos de Participación comunitaria y Gestión. Geoplan y Asociados, C.A.

ROTHER, Leopoldo (s/f) Tratado de Diseño Arquitectónico. Universidad Nacional de Colombia.