



Programme: DESIGN 2.7		
Design Sector	Duration:	1 Semester
Code: 5057	Hours/Week:	9 Practices
Credits: 6 Units	Total Hours:	126

LEARNING OBJECTIVES

- Comprehend the concept of architectonic space: know the different variables that define organizing principles of the architectonic space.
- Identify those relations that makes possible the architectonic space to be in function of man.
- Comprehend the different scales which is made manifest the built environment.
- Comprehend the concept of culture as the whole which includes architecture.

COURSE CONTENT DESCRIPTION:

Complex Ensembles.

1. Urban facilities services, essential components.
2. Natural environment determinants: implementation, spatial organization, the use of natural resources.
3. Climatic determinants, the buildings and ensemble as comprehensive response to the climate: spaces orientation, the use of natural resources, transition spaces.
4. Analysis of architectural typologies and urban spaces.
5. Urban determinants: The building and the ensemble within the urban fabric.
6. Legal constraints: Knowledge of legal documents, codes and laws.
7. Mixed use buildings ensembles.
8. Structural and constructive systems.
9. Elements, materials, facade protection systems and artificial conditioning systems.
10. Building design for educational use.
11. Building design for cultural use.