



Degree

Urban Design & Management

School of Architecture & Technology UCJC



@city_followers



918153131, ext 16370



architecture@ucjc.edu arquitectura@ucjc.edu



Universidad
Camilo José Cela

The Urban acknowledgment

The School of Architecture and Technology UCJC thinks about the city as the first academic and professional scope, the main study, analysis and research topic: urban innovation as a set of complex and interdependent systems, the real gravity center for all the Bachelors and Master programs.

Urban Design and Management

The Urban Design and Management programme has been established after long debate on the existence of an important number of new areas of knowledge relative to contemporary cities and to our increasingly urban world. According to recent studies nearly two-thirds of the population is expected to reside in cities by 2030. This phenomenon will bring changes in society, economy and environment, which will affect patterns and forms of urbanization.

The Urban Design and Management programme is intended for those who wish to pursue a professional career in urban, regional and environmental design. It consists of 240 ECTS organized in four academic years. The first three establish a common core of interdisciplinary compulsory modules, combining areas such as Social and Legal Sciences, Technology and Environmental Sciences. All of them constitute the framework for interdisciplinary approach to urban design and management complemented by instruments of planning such as drawing, cartography, digital systems and tools. The fourth year is designed on a set of optional modules which can be customized for particular student's needs.

It is important to highlight the collaborative nature of the degree, where multidisciplinary teams are fundamental learning tools aiming to stimulate entrepreneurship, cooperation and real world experience.

1st year modules

Design Skills: Introducing Urban Design. 6 ECTS
Art and the Creative City. 3 ECTS
Philosophy and Urban Thought. 3 ECTS
History and Theory of the City. 6 ECTS
Sociology. 6 ECTS
Critical Thought. 6 ECTS
Urban Design I. 6 ECTS
Introduction to Geographic Information Systems. 6 ECTS
Anthropology and the City. 3 ECTS
Natural and Human Geography. 6 ECTS
Urban Culture and Social Commitment. 3 ECTS
Contemporary World. 6 ECTS

2nd year modules

Urban Design II. 9 ECTS
Institutional and Legislative Framework for Planning. 6 ECTS
Innovation, Creativity and Entrepreneurship. 6 ECTS
Introduction to Statistics. 6 ECTS
Urban Policies. 3 ECTS
Urban Design III. 12 ECTS
Urban Health. Healthy Cities. 3 ECTS
Environmental City Management. 6 ECTS
Urban Ecology. 3 ECTS
Environmental Laws and Regulations. 6 ECTS

3rd year modules

Urban Design IV. 18 ECTS
Technology and the City. 3 ECTS
Transport Policy and Planning. 3 ECTS
Urban Metabolism. 3 ECTS
Computation and Programming. 3 ECTS
Urban Design V. 18 ECTS
Urban Regeneration. 3 ECTS
Cultural Landscape. 3 ECTS
Sustainable Urban Development. 3 ECTS
Planning Economic Analysis. 3 ECTS

4th year modules

Optional Modules 30/60 ECTS

Urban Transformation Processes. 6 ECTS
Urban Infrastructures. 6 ECTS
Public Administration. 6 ECTS
Real Estate and Urban Innovation. 6 ECTS
IT and Geographic Information Systems. 6 ECTS
Urban Design and Management Laboratory: Technology and Urban mobility. 6 ECTS
Environmental Remediation of Public Space. 6 ECTS
Urban Design and Management Laboratory: Landscape. 6 ECTS
Informal Cities. 6 ECTS
Urban Design and Management Laboratory: Public Space. 6 ECTS

Compulsory Modules 30 ECTS

Credit Recognition for University Activities. 6 ECTS
Professional Practice / Internships. 12 ECTS
Dissertation / Advanced Design Project. 12 ECTS