



**Bachelor**

# ***Urban Design & Management***

**UCJC School of Architecture & Technology**



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[https://upload.wikimedia.org/wikipedia/commons/e/e7/Bukit\\_bintang\\_from\\_kl\\_monorail-2009.jpg](https://upload.wikimedia.org/wikipedia/commons/e/e7/Bukit_bintang_from_kl_monorail-2009.jpg)



**Universidad  
Camilo José Cela**

# The Urban acknowledgment

The UCJC School of Architecture and Technology 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 courses, 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 courses 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.

### 1<sup>st</sup> year

Design Skills: Introducing Urban Design. 6 ECTS  
Art and the Creative City. 3 ECTS  
Philosophy and Urban Thinking. 3 ECTS  
History and Theory of the City. 6 ECTS  
Sociology. 6 ECTS  
Critical Thinking. 6 ECTS  
Urban Design I. 6 ECTS  
Introduction to Geographical 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

### 2<sup>nd</sup> year

Urban Design II. 9 ECTS  
Urban Legislation in Planning. 6 ECTS  
Innovation, Creativity and Entrepreneurship. 6 ECTS  
Introduction to Statistics. 6 ECTS  
Urban Development 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

### 3<sup>rd</sup> year

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  
Economic Analysis for Urban Planning. 3 ECTS

### 4<sup>th</sup> year

#### Optional Courses 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 Geographical Information Systems. 6 ECTS  
Urban Design and Management Laboratory: Technology and Urban mobility. 6 ECTS  
Environmental Recuperation 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 Courses 30 ECTS

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