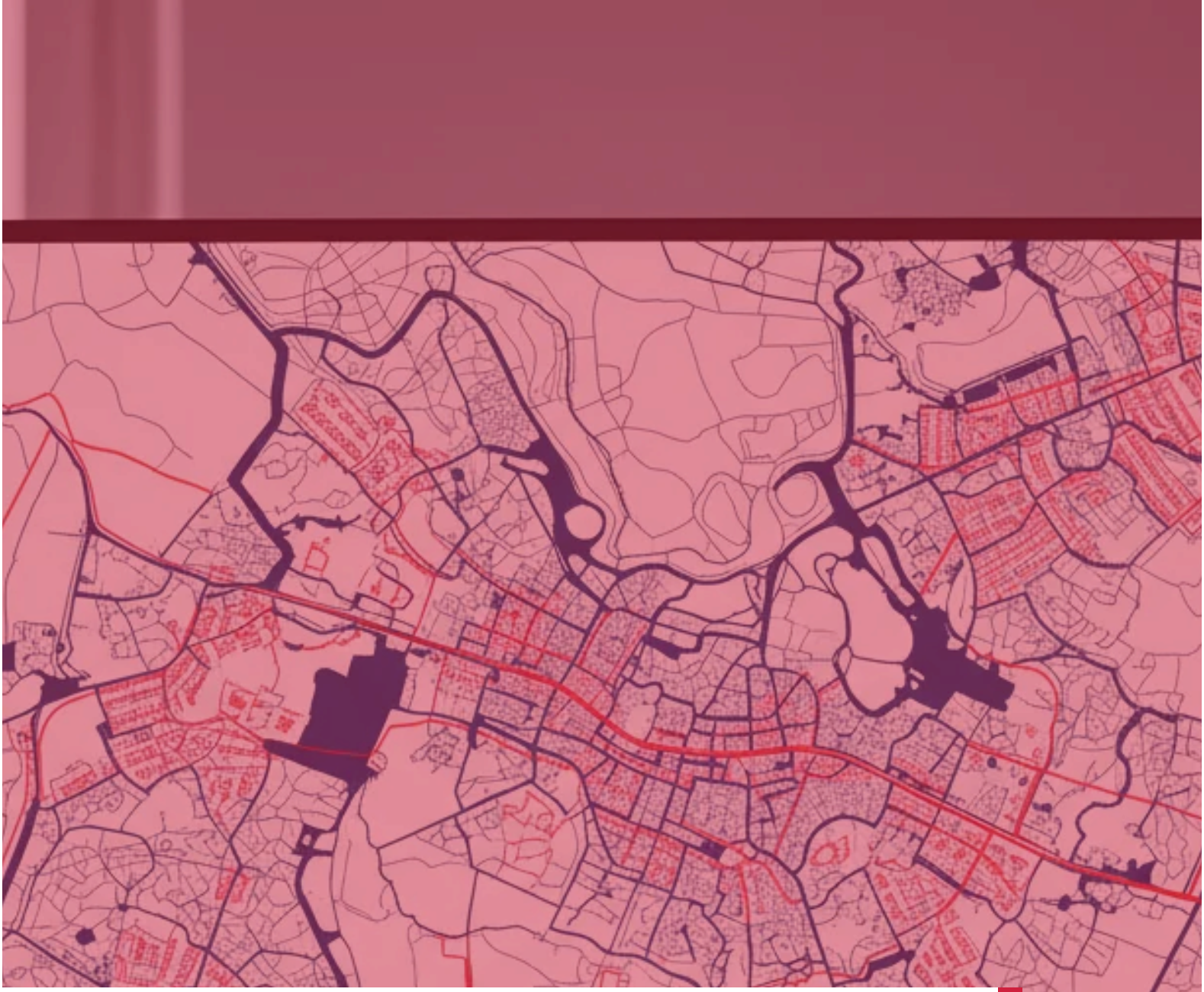


Máster online 100%

Master in Territorial Planning and Environmental Management + 60 ECTS Credits

Structuralia

Máster online 100%

Master in Territorial Planning and Environmental Management + 60 ECTS Credits

Modality
Online

Languages
Español

Duration
1500 hours (60 ECTS)

No Limit
AI Assistant

Does it include practices?
NO

Educational Institutions

Structuralia Engineering eLearning

UNIVERSIDAD NEBRIJA

Summary

The Master in Territorial Planning and Environmental Management is a comprehensive training designed for professionals and graduates who seek to specialize and update their knowledge in territorial planning and environmental management. This program provides you with a comprehensive vision of the regulatory and operational frameworks that govern spatial planning, addressing urban and regional planning in depth, from the legal land regime to detailed urban management. You will learn to carry out rigorous environmental impact assessments, applying advanced methodologies to identify, predict and assess the effects of projects and activities. You will implement pollution control strategies, essential elements for environmental sustainability and the protection of ecosystems. You will develop a deep understanding of the legal status of rural and urban property, as well as coastal planning and coastal legislation, ensuring compliance with the Coastal Law and other applicable regulations. You will master practical skills in digital cartography, using advanced tools such as ArcGIS and AutoCAD Map 3D for spatial analysis and representation. This knowledge equips you to lead the response to current and future challenges in the management of the territory and the environment, transforming your strategic decision-making capacity and your influence in major projects. You will position yourself as an expert capable of

integrating the global vision with the precise technical application, promoting sustainable urban planning and responsible environmental management.

Agenda

MODULE 1. TERRITORY MANAGEMENT

1. DIDACTIC UNIT 1. TERRITORIAL MANAGEMENT

1. Introduction to spatial planning
2. Globalization and territorial planning

2. DIDACTIC UNIT 2. LEGAL STATUTE OF RUSTIC PROPERTY

1. The legal status of rural property
2. Regulations at European, state and regional level
3. Land legal regime
4. Basic content and exploitation of agricultural property

3. DIDACTIC UNIT 3. TERRITORY MANAGEMENT IN RUSTIC PROPERTY

1. Land concentration
2. Minimum units and cultivation funds
3. Of preferential acquisition rights
4. The exercise of the right of withdrawal by the neighbors
5. The expropriation
6. Agricultural and environmental protection policies

4. DIDACTIC UNIT 4. TERRITORY MANAGEMENT IN URBAN PROPERTY

1. Urban property: essential notions
2. Fundamental content in urban planning
3. Surface law and urban land law

5. DIDACTIC UNIT 5. URBAN MANAGEMENT IN URBAN PROPERTY

1. Projects for equidistribution of benefits and burdens derived from urban planning
2. Fundamental notions of expropriation
3. The cooperation system
4. The compensation

6. DIDACTIC UNIT 6. KEY URBAN PROPERTIES

1. Horizontal property
2. Private real estate complexes
3. The right to use in shifts

7. DIDACTIC UNIT 7. COASTAL MANAGEMENT AND COASTAL LEGISLATION

1. Law compared between state coastal legislation and autonomous coastal planning
2. Coastal legislation and urban planning law
3. Urban classification of land regulated by coastal legislation
4. The limitation of public maritime-terrestrial domain lands as urban use
5. Coastal easements: urban planning incidence

8. DIDACTIC UNIT 8. COMPLIANCE WITH THE COASTAL LAW

1. STC study 2. Urban planning actions carried out. The restoration obligation

9. DIDACTIC UNIT 9. THE MANAGEMENT OF THE TOURIST USE OF THE TERRITORY

1. Evolution of tourism development and planning
2. Principles regarding territorial planning of urban planning
3. The principle of sustainable development and territorial planning

10. DIDACTIC UNIT 10. AUTONOMOUS RIGHT IN TOURISM TERRITORIAL MANAGEMENT

1. Comparative regional regulations
2. Tourism planning taking into account different areas and tourist destinations

11. DIDACTIC UNIT 11. PROTECTED NATURAL SPACES

1. Protection of protected natural areas
2. Intervention in protected natural spaces

MODULE 2. URBAN AND REGIONAL PLANNING

1. DIDACTIC UNIT 1. PRINCIPLES AND THEORIES OF URBAN PLANNING

1. Urban planning principles
2. Theoretical framework in urban planning
3. Key components of urban planning
4. Urban planning process
5. Challenges in urban planning

2. DIDACTIC UNIT 2. STRUCTURE AND FUNCTION OF CITIES

1. Introduction to urban structure and function
2. Models and theories in urban planning
3. Components of the urban structure
4. Urban functionality

3. DIDACTIC UNIT 3. TERRITORIAL DIAGNOSIS METHODOLOGIES

1. Theoretical framework in territorial diagnosis
2. Methodological approaches
3. Data collection techniques
4. Data analysis and interpretation

4. DIDACTIC UNIT 4. DESIGN AND MANAGEMENT OF PUBLIC SPACES

1. Theoretical framework for the design and management of public spaces
2. Principles of public space design
3. Types of public spaces
4. Public space management strategies

5. DIDACTIC UNIT 5. MOBILITY AND URBAN TRANSPORT

1. Introduction to urban mobility and transportation
2. Historical context of urban transport
3. Current trends in urban mobility
4. Urban transport planning principles
5. Challenges in urban mobility

6. DIDACTIC UNIT 6. PLANNING OF URBAN INFRASTRUCTURES AND SERVICES

1. Urban infrastructure
2. Urban services

7. DIDACTIC UNIT 7. CONCEPT AND EXAMPLES OF SMART CITIES

1. Smart Cities and global urban development
2. Regulatory frameworks for the development of smart cities

MODULE 3. URBAN PLANNING: LAND REGIME AND URBAN PLANNING

1. DIDACTIC UNIT 1. INTRODUCTION TO URBAN MANAGEMENT

1. Introduction to urban management
2. Urban planning in Spain
3. Current regulations on urban planning
4. Principles of current Land regulations
5. Legal figures involved in an urban planning process
6. Solved exercise. Cerdá Plan
7. Solved exercise. Competition conflict

2. DIDACTIC UNIT 2. URBAN PLANNING REGIME AND PROPERTY RIGHT

1. Land planning regime
2. Rights and duties in urban planning matters
3. Powers of land property law
4. Duties and charges of land ownership
5. Construction license
6. Solved exercise. Certificate of compliance with urban planning duties
7. Solved exercise. Granting of works license

3. DIDACTIC UNIT 3. BASES OF THE LAND REGIME

1. Basic land use criteria
2. Advertising and effectiveness in Urban Public Management
3. Basic soil situations
4. Rural land use
5. Urban transformation
6. Evaluation and monitoring of the sustainability of urban development
7. Duties of promoting urban transformation actions
8. Other urban aspects
9. Solved exercise. Documentation to start construction
10. Solved Exercise. Parceling

4. DIDACTIC UNIT 4. URBAN PLANNING AND INSTRUMENTS

1. Planning: Introduction
2. Planning elements
3. Planning instruments
4. Partial Plans
5. Solved exercise. Legitimacy of actions
6. Solved Exercise. Planning

5. DIDACTIC UNIT 5. URBAN EXPROPIATION REGIME

1. Introduction to the concept of Forced Expropriation
2. Application rules
3. Parties involved in the expropriation procedure
4. Types of expropriation
5. Expropriation procedure
6. Solved exercise. Identify the parties in the expropriation procedure
7. Solved exercise. Occupation Certificate in the Expropriation Procedure

6. DIDACTIC UNIT 6. REGIME OF URBAN PLANNING VALUATIONS

1. Valuation rules
2. Land valuation
3. Optional actions: compensation
4. Interest applicable to urban valuation
5. Tax assessment and self-assessment
6. Solved exercise. Find the real value of the income
7. Solved exercise. Settlement of compensation for expropriation

7. DIDACTIC UNIT 7. PROPERTY REGISTRATION AND URBANISM

1. Mortgage principles and urban management
2. Registration in urban planning matters
3. Preventive demand notes
4. Procedure
5. Solved Exercise. Registrable acts
6. Solved Exercise. Cancellation of preventive annotation

8. DIDACTIC UNIT 8. URBAN PLANNING DISCIPLINE: CONTROL OF PUBLIC ADMINISTRATIONS

1. Urban Discipline
2. Urban Planning Licenses
3. Urban planning duties: conservation, order of execution and ruin
4. Protection of legality
5. Sanctioning regime
6. Solved Exercise. Municipal parceling license
7. Solved Exercise. Demolition order. Violation of urban planning law

9. DIDACTIC UNIT 9. CRIMES AGAINST TERRITORIAL MANAGEMENT

1. Crimes committed by promoters, builders or technical directors
2. Crimes committed by authority or public official

3. Solved Exercise. Criminal liability of technical directors
4. Solved Exercise. Criminal liability of a public official

MODULE 4. URBAN PLANNING AND MANAGEMENT

1. DIDACTIC UNIT 1. URBAN PLANNING AND SOCIETY: THE CREATION OF CITIES

1. Introduction to urban planning
2. Anthropology of urbanism

2. DIDACTIC UNIT 2. URBAN PLANNING AND INSTRUMENTS

1. Planning: Introduction
2. Planning elements
3. Partial Plans

3. DIDACTIC UNIT 3. INTRODUCTION TO URBAN MANAGEMENT

1. Introduction to urban management
2. Urban planning in Spain
3. Relevant definitions in the regulations of Royal Legislative Decree 7/2015
4. Principles of the Regulations in force today

4. DIDACTIC UNIT 4. RIGHTS AND DUTIES OF CITIZENS

1. Citizen's rights
2. Duties of the citizen
3. Basic statute of initiative and participation in urban planning activity
4. Legal status of land ownership

5. DIDACTIC UNIT 5. BASES OF THE LAND REGIME

1. Basic land use criteria
2. Basic soil situations
3. Evaluation and monitoring of the sustainability of development, and guarantee of the technical and economic viability of actions on the urban environment
4. Advertising and effectiveness in urban public management
5. Transfer of properties and urban planning duties
6. Declaration of new construction
7. Building evaluation reports according to current regulations

6. DIDACTIC UNIT 6. VALUES REGIME

1. Scope of valuation regime
2. General criteria for valuing real estate
3. Valuation in rural land
4. Valuation of urbanized land
5. Compensation for the power to participate in new urbanization actions
6. Compensation for the initiative to promote urbanization or building actions
7. Valuation of land in a regime of equidistribution of benefits and burdens
8. Valuation regime

7. DIDACTIC UNIT 7. FORCED EXPROPIATION AND PATRIMONIAL RESPONSIBILITY

1. Regime of expropriations due to territorial and urban planning
2. Justiprice
3. Occupation and registration in the Property Registry
4. Free of charge acquisition
5. Expropriation management modalities
6. Reversal and reassessment cases
7. Compensatory assumptions

8. DIDACTIC UNIT 8. SOCIAL FUNCTION OF OWNERSHIP AND MANAGEMENT

1. Forced sale and replacement
2. Public land assets
3. Surface law

9. DIDACTIC UNIT 9. PROPERTY REGISTRATION

1. Legal regime
2. Property Registry

10. DIDACTIC UNIT 10. SUSTAINABLE CITY

1. Environmental quality
2. Sustainable building
3. Habitability
4. Sustainable city: concept

MODULE 5. ENVIRONMENTAL IMPACT ASSESSMENT

1. DIDACTIC UNIT 1. INTRODUCTION TO ENVIRONMENTAL IMPACT ASSESSMENT

1. Introduction
2. History of environmental impact assessment
3. Definitions, objectives and principles of Environmental Impact Assessment. Interpretations
4. Terms used in environmental impact assessment
5. Stages of environmental impact assessment of projects
6. Natura 2000 Network
7. Environmental Impact Study drafting team
8. Determination of the scope of the study (Scoping)

2. DIDACTIC UNIT 2. LEGISLATION ENVIRONMENTAL IMPACT ASSESSMENT

1. Introduction
2. Royal Legislative Decree 1/2008
3. Royal Decree 1131/1988
4. Autonomous legislation

3. DIDACTIC UNIT 3. ENVIRONMENTAL INVENTORY

1. Introduction
2. Climate
3. Geology and geomorphology
4. The ground
5. Hydrology
6. Vegetation and flora

7. Wildlife
8. Landscape
9. Socio-economic environment

4. DIDACTIC UNIT 4. TYPES OF IMPACTS

1. Impacts on environmental elements
2. Types of impacts
3. Identification of actions that can cause impact
4. Identification of impacts
5. Qualitative and quantitative assessment of impacts

5. DIDACTIC UNIT 5. IMPACT ASSESSMENT METHODOLOGY

1. Introduction
2. Structuring of the environmental impact assessment
3. Content of an ESIA
4. Establishment of protective and corrective measures
5. Monitoring and surveillance plan
6. Analysis according to elements of the physical environment
7. Environmental impact statement

6. DIDACTIC UNIT 6. ENVIRONMENTAL IMPACT STATEMENT

1. Introduction
2. Procedure
3. Example of environmental impact statement

7. DIDACTIC UNIT 7. STRATEGIC ENVIRONMENTAL EVALUATION PLANS AND PROGRAMS

1. Introduction
2. Strategic Environmental Assessment Process

MODULE 6. MANAGEMENT AND CONTROL OF ENVIRONMENTAL POLLUTION

1. DIDACTIC UNIT 1. ENVIRONMENT

1. Environment: concept
2. Sustainable development
3. Law environmental
4. European environmental policies
5. Legal regulatory framework

2. DIDACTIC UNIT 2. ATMOSPHERIC POLLUTION

1. The atmosphere
2. Atmosphere pollution
3. Air quality
4. Prevention and correction of air pollution
5. Emissions regulations
6. E-PRTR

3. DIDACTIC UNIT 3. NOISE POLLUTION

1. Noise pollution concept
2. Effects of noise pollution
3. Prevention and correction of noise pollution
4. Acoustic regulations

4. DIDACTIC UNIT 4. LIGHT POLLUTION

1. Light pollution concept
2. Consequences of light pollution
3. Prevention and correction of light pollution
4. Legislation on light pollution

5. DIDACTIC UNIT 5. SOIL POLLUTION

1. Soil pollution: introduction and basics
2. Waste
3. Waste regulations
4. Waste management and treatment
5. Management of contaminated soils

6. DIDACTIC UNIT 6. WATER POLLUTION

1. Water pollution: causes and consequences
2. Drinking water
3. Wastewater and discharges
4. Wastewater treatment and purification

7. DIDACTIC UNIT 7. ENVIRONMENTAL IMPACT

1. Environmental impact
2. Types of impacts
3. Environmental impact assessment
4. Preventive, corrective and compensatory measures

8. DIDACTIC UNIT 8. CLIMATE CHANGE AND ECOLOGICAL FOOTPRINT

1. Climatology
2. Current problem
3. Climate change
4. Effects of climate change
5. Policies against climate change
6. ecological footprint

9. DIDACTIC UNIT 9. ENVIRONMENTAL MANAGEMENT I

1. Concept of Environmental Management
2. Environmental Management Systems
3. ISO 14000
4. EMAS

10. DIDACTIC UNIT 10. ENVIRONMENTAL MANAGEMENT II

1. Integrated Management Systems
2. Ecodesign
3. Ecological labels

MODULE 7. ENVIRONMENTAL SUSTAINABILITY

1. DIDACTIC UNIT 1. THE ENVIRONMENTAL PROBLEM

1. The environmental problem
2. More direct consequences on the environment
3. The evolution of energy consumption
4. World energy reserves

2. DIDACTIC UNIT 2. URBAN WASTE

1. Solid waste
2. Urban solid waste
3. household waste

3. DIDACTIC UNIT 3. INDUSTRIAL WASTE

1. agricultural waste
2. Livestock waste
3. Industrial waste
4. Radioactive waste

4. DIDACTIC UNIT 4. WASTE TREATMENT

1. Temporal evolution
2. Situation in Spain
3. Management Features
4. Types of treatment

5. DIDACTIC UNIT 5. CHARACTERIZATION OF CONTAMINATED SOILS

1. Research phases
2. Preliminary investigation
3. Exploratory research
4. Analysis and preliminary risk assessment
5. Pre-quantification of the associated risk. Application of simplified models for risk analysis
6. Report writing

6. DIDACTIC UNIT 6. SOIL RECOVERY TECHNIQUES

1. Containment Techniques
2. Confinement Techniques
3. Decontamination Techniques

7. DIDACTIC UNIT 7. POLLUTION OF AQUATIC ENVIRONMENTS

1. Technical-sanitary regulations for the supply and control of drinking water for public consumption
2. Wastewater characteristics
3. organic matter

4. Pathogenic organisms

8. DIDACTIC UNIT 8. WASTEWATER TREATMENT SYSTEMS

1. Importance, characteristics and functions of wastewater treatment plants
2. Collector and pretreatment networks
3. Primary treatment
4. Secondary treatment

9. DIDACTIC UNIT 9. RENEWABLE AND NON-RENEWABLE ENERGY

1. Primary and final energies
2. energy vectors
3. Renewable and non-renewable sources
4. Classification of renewable energies
5. Renewable technologies and their regulatory classification

10. DIDACTIC UNIT 10. ENVIRONMENTAL EDUCATION

1. Fundamentals of Environmental Education
2. Main Agents of Environmental Education
3. Environment and Economic Development
4. Practices and Techniques for Environmental Education

MODULE 8. DIGITAL MAPPING WITH ARCGIS 10 AND AUTOCAD MAP 3D

1. DIDACTIC UNIT 1. INTRODUCTION TO GEOGRAPHICAL INFORMATION SYSTEMS

1. Introduction
2. Definitions and basic concepts
3. Functions and applications of Geographic Information Systems
4. Geographic information: Vector data models, Raster data model and Other data models (CAD, TIN, etc.). Main characteristics, advantages and disadvantages of each data model
5. Introducing ArcGIS Desktop: ArcMap, ArcCatalog, ArcToolbox, ArcSceene and ArcGlobe
6. Arcmap interface, extensions and tools. Evaluation and verification of the correct operation of the software

2. DIDACTIC UNIT 2. VECTOR DATA MODEL. INFORMATION VIEWING

1. Information layers: Ways to add layers, properties, and attribute tables
2. Tools for examining data: Search and queries. Selection tools: Selections by attribute, selections by spatial location and information capture
3. Layer symbology: Simple symbology, by categories, by quantities and through graphics
4. Other display options: Labeling and transparencies
5. Practical exercises (Load layers, selection types, symbology) and evaluation

3. DIDACTIC UNIT 3. COORDINATE SYSTEMS, PROJECTIONS AND GEORFERENTIATION

1. Introduction to Coordinate Systems and Projections. Definition of Coordinate System
2. Coordinate System Transformation. Reprojection of Geographic Databases to ED50 or ETRS89. Georeferencing images, layers and CAD files
3. Practical exercises (define, project, georeference image and CAD) and evaluation

4. DIDACTIC UNIT 4. VECTOR DATA MODEL. EDITING AND GENERATION OF INFORMATION

1. Creating and editing spatial data
2. Creating and editing data in the attribute table
3. Practical exercises (create layers, digitize, modify attribute tables, add fields, geometric calculations, field calculator, etc.) and evaluation

5. DIDACTIC UNIT 5. DATABASE MANAGEMENT

1. Database design
2. Connections with Access databases and Excel files. (Table relationships)
3. Spatial relations. Obtaining statistics from the information in the database and the spatial position of the elements that make up the layer
4. Practical exercises (connect database and spatial relationships) and evaluation

6. DIDACTIC UNIT 6. SPATIAL ANALYSIS. MOST COMMON GEOPROCESSING TOOLS

1. Extraction tools (crop, split). Overlay Tools (intersection, union)
2. Proximity tools (area of influence, Thiessen polygons)
3. Multicriteria analysis. Obtaining optimal areas based on certain criteria
4. Practical exercises (spatial analysis) and evaluation

7. DIDACTIC UNIT 7. MAPS COMPOSITION

1. Set sheet size and type
2. Insert cartographic elements: North, bar scale, numerical scale, legend
3. Insert other elements: Images, graphs and tables. Insert multiple data frames
4. Generation and use of templates. Print options
5. Preparation of a cartographic annex for a project

8. DIDACTIC UNIT 8. CREATE GEODATABASE

1. Use and advantages of the Geodatabase
2. Types, Creation and management of a Geodatabase

9. DIDACTIC UNIT 9. EXPORT ARCGIS DATA TO AUTOCAD

1. Export GIS files to CAD (DWG, DGN and DXF) in an advanced way
2. Export annotations or labels from GIS to CAD
3. Spatial relations. Obtaining statistics from the information in the database and the spatial position of the elements that make up the layer
4. Practical exercises (connect database and spatial relationships) and evaluation

10. DIDACTIC UNIT 10. FUNDAMENTALS AND BASIC OPERATION OF AUTOCAD MAP 3D

1. The user interface
2. General concepts. Coordinates, layers, objects and properties
3. Creation of drawings. Basic drawing tools
4. Practical exercise in designing and creating simple drawings

11. DIDACTIC UNIT 11. EDITING OBJECTS, LAYERS AND EXTERNAL REFERENCES

1. 2D editing commands, texts and dimensions, working with layers
2. External reference management
3. Practical exercise in creating and editing complex drawings

12. DIDACTIC UNIT 12. GEOSPACIAL TOOLS I: FUNDAMENTALS AND VECTOR ELEMENTS

1. Autocad Map and Geographic Information Systems Creation of maps
2. Vector elements Data tables
3. Practical exercise in creating and composing 2D maps, and editing vector elements

13. DIDACTIC UNIT 13. GEOSPACIAL TOOLS II: RASTER ELEMENTS AND 3D MANAGEMENT

1. raster elements
2. Working with Digital Terrain Models Applied 3D Management
3. Practical 3D map development exercise

14. DIDACTIC UNIT 14. LAYOUT, PRESENTATION AND DELIVERY OF PLANS

1. The paper space. Interaction, view selection and scale. General organization, layer cleanup, and display order
2. Final presentation. Plan box, legend and pagination. Delivery of the plans. E-transmit, pdf and plotting
3. Practical exercise of presentation and layout of a collection of plans

MODULE 9. FINAL PROJECT

Qualification

University Degree in Master of Lifelong Training in Territorial Planning and Environmental Management issued by the Antonio de Nebrija University with 60 ECTS University Credits. Teachings not leading to obtaining an official qualification

Objectives

- • Lead the formulation of strategies for spatial planning and environmental management, optimizing resources and results. • Design and implement land use and urban development policies, integrating the applicable regulatory framework. • Evaluate the environmental impact of complex projects, developing effective and sustainable mitigation measures. • Manage and control sources of environmental pollution, applying advanced protocols and innovative solutions. • Integrate principles of ecological sustainability in the planning and administration of the territory, promoting balanced development. • Make strategic decisions based on the analysis of coastal regulations and coastal planning, ensuring compliance. • Master the use of advanced digital mapping tools, such as ArcGIS and AutoCAD Map 3D, for spatial analysis and representation. • Direct urban and rural and urban property management projects, applying in-depth knowledge of the legal status.

What does it prepare you for?

This program prepares you to lead the transformation of the territory, providing you with a strategic vision and the advanced technical skills required in the sector. You will design and execute complex urban and regional plans, integrating current regulations on land use and urban management, from formulation to implementation. The Master in Territorial Planning and Environmental Management trains professionals in environmental impact assessment, training you to implement verifiable and high-impact sustainability strategies. You will accurately evaluate the environmental impacts of large-scale projects, implementing effective strategies for pollution control and the promotion of sustainable urbanism. You will master digital cartography tools such as ArcGIS and AutoCAD Map 3D, essential for optimized planning and management of the territory and coastline. Thus, you will make informed decisions that optimize territorial development, guaranteeing compliance with coastal legislation and the planning of rural and urban properties, contributing to a more balanced and respectful future with the environment.

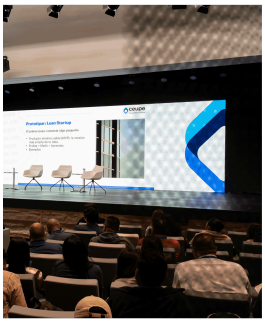
Who is it addressed to?

Professionals and graduates in geography, architecture, engineering, environmental sciences and urban planning will find a high-level specialization in this master's degree. It is also aimed at public officials and administration technicians who seek to update and deepen their knowledge in territorial planning and environmental sustainability. If you work in these fields and feel the need to update your skills in current regulations, environmental impact assessment and the use of advanced digital tools, this program is for you. It is ideal for those who want to delve deeper into urban and regional planning, urban management and coastal legislation, preparing you to lead complex and strategic projects with a significant impact on your professional field.

Professional Outings

- Specialization in territorial planning and environmental management will position you to assume highly responsible roles in various entities. You will be able to lead teams as Director of Urban and Regional Planning in city councils, public organizations or consulting firms, designing development strategies that integrate sustainability and respect for the environment. You will be a Senior Environmental Management Consultant for engineering companies, sustainability departments of large corporations or advisory firms, contributing your experience in impact assessment and pollution control. You will also make your way as a Specialist in Coastal Legislation and Coastal Planning in public organizations, specialized offices or territorial management entities, ensuring compliance with applicable regulations in key projects. Your profile will be highly valued in public administrations, strategic consulting companies and sustainability departments, where your global and technical vision will be fundamental for making strategic decisions and implementing innovative solutions.







Live Madrid

Live the International Week

As an additional complement to your training, you can be part of the SIM: Week International in Madrid. A unique meeting that brings together students from all over the world. For seven days you can live an academic and cultural experience in the heart of Europe, culminating with the graduation ceremony in Madrid.

- Conferences and workshops with international experts
- Visits to companies and reference organizations
- Networking with students from different countries
- Cultural activities and discovery of Madrid
- graduation ceremony

Structural

Structuralia is a leading educational institution in postgraduate and highly specialized online training, focused on the fields of engineering, architecture, construction, energy, technology and digital transformation.

Founded in 2001 with a strong industrial DNA, the result of collaboration between large companies in the sector and the Universitat Politècnica de Catalunya (UPC), for more than 25 years we have accompanied technical professionals in their academic and professional development through practical, flexible training aligned with the reality of the labor market.

Our training proposal connects advanced technical knowledge, real employability and international projection, acting as key support in the professional evolution of those seeking to specialize, grow professionally and generate impact in their sector, with a firm commitment to the democratization of access to technical excellence.



+350.000

Students have gone through our virtual classrooms



+20 years

Experience in the training sector



5 stars

QS ranking in online education

EDUCA EDTECH
Group

Educa Edtech GROUP

When you enroll in a course or master's degree, you will get a free subscription to MyLXP while your training lasts. You will have access to more than 400 key courses (soft skills, languages, digital skills, etc.) and other surprises. Sign up and see how MyLXP improves your learning.

EDUCA LXP Methodology

The comprehensive tailored online education experience

EDUCA LXP is more than a methodology, it is a completely educational experience personalized thanks to all the possibilities offered by artificial intelligence. Now the content adapts to you, your needs and preferences, while offering you access to updated and practical content that really makes a difference in the labor market.

Flexibility

100% online learning adapted to your schedule: study from any device wherever, whenever and however you want.

Personalization

Contents and training itineraries adapted to your needs, thanks to AI.

Innovation

Constantly evolving technological developments driven by AI through the Learning Experience Platform.

Artificial intelligence

Discover PHIA, your learning assistant that will help you every step of the way.

Teaching support

Human empathy and academic guidance from a specialized teaching team.

Educational Experience

Didactic approach oriented to work by competencies, which favors practical and meaningful learning.

MY LXP

When you enroll in a course or master's degree, you will get a free subscription to MyLXP while your training lasts

You will have access to more than 400 key courses (soft skills, languages, competencies digital, etc.) and other surprises. Sign up and see how MyLXP improves your learning.

Meet PHIA, your personalized learning assistant

Use all the possibilities of artificial intelligence to get the most out of it match to your training

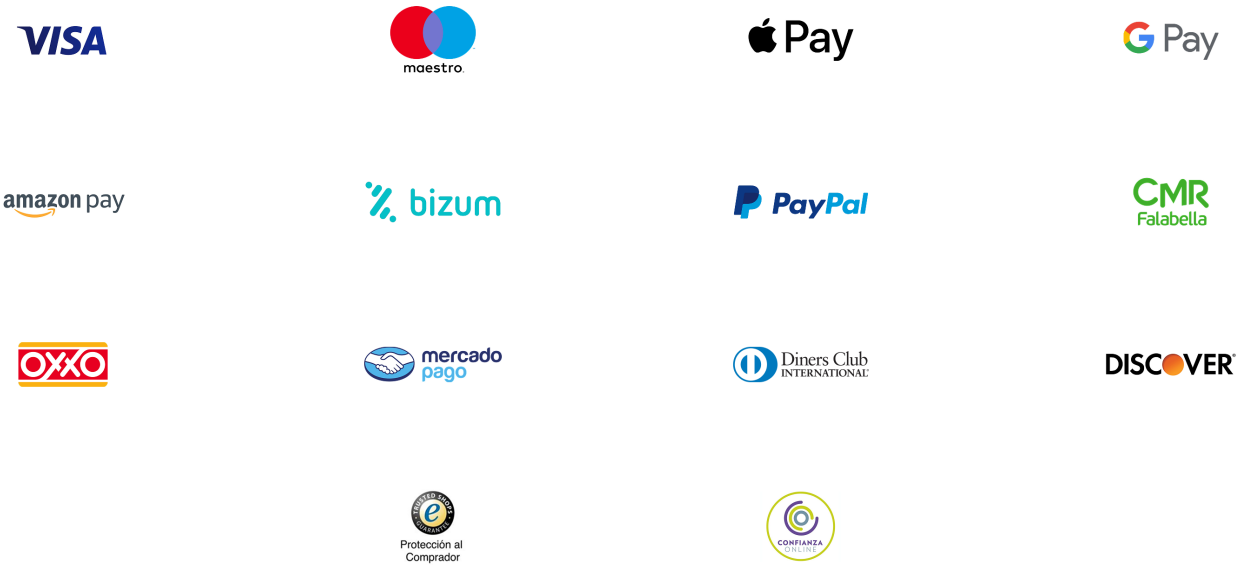
EDUCA EDTECH Group leads the digital revolution in education, promoting the continuous learning and technological transformation. The group is made up of recognized training institutions and its mission is to democratize access to education, promote the transfer of knowledge, technological development and research.

With the experience accumulated over more than 20 years, we have perfected our learning platform EDUCA LXP (Learning Experience Platform), the basis of our educational methodology, which provides students with online training practical and meaningful.



Discover all the payment facilities

We adapt to all international payment methods.



Funding and scholarships

Finance your course or master's degree and enjoy the available scholarships. Contact our expert team to know which one best suits your profile.

25%
Alumni Scholarship

15%
Scholarship recommended

20%
Functional Diversity Scholarship

20%
Unemployment scholarship

15%
GROUP Scholarship

20%
Scholarship for Professionals, Healthcare, members

15%
Entrepreneurship Scholarship

20%
Large Family Scholarship