



## Teaching Guide

| Teaching Guide      |                                     |        |                           |           |
|---------------------|-------------------------------------|--------|---------------------------|-----------|
| Identifying Data    |                                     |        |                           | 2019/20   |
| Subject (*)         | Urban environment                   |        | Code                      | 632G01058 |
| Study programme     | Grao en Enxeñaría de Obras Públicas |        |                           |           |
| Descriptors         |                                     |        |                           |           |
| Cycle               | Period                              | Year   | Type                      | Credits   |
| Graduate            | 1st four-month period               | Third  | Optional                  | 4.5       |
| Language            | Spanish                             |        |                           |           |
| Teaching method     | Face-to-face                        |        |                           |           |
| Prerequisites       |                                     |        |                           |           |
| Department          | Enxeñaría Civil                     |        |                           |           |
| Coordinador         | Cagiao Villar, Juan                 | E-mail | juan.cagiao.villar@udc.es |           |
| Lecturers           | Cagiao Villar, Juan                 | E-mail | juan.cagiao.villar@udc.es |           |
| Web                 |                                     |        |                           |           |
| General description |                                     |        |                           |           |

## Study programme competences

| Code | Study programme competences                                                                                                                                                                                                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A31  | Conocimiento y comprensión del funcionamiento de los ecosistemas y los factores ambientales.                                                                                                                                                                                |
| A35  | Conocimiento de la influencia de las infraestructuras en la ordenación del territorio y para participar en la urbanización del espacio público urbano, tales como distribución de agua, saneamiento, gestión de residuos, sistema de transporte, tráfico, iluminación, etc. |

## Learning outcomes

| Learning outcomes |  | Study programme competences |  |  |
|-------------------|--|-----------------------------|--|--|
|                   |  | A31                         |  |  |
|                   |  | A35                         |  |  |

## Contents

| Topic                | Sub-topic                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Medioambiente Urbano | Definición<br>Importancia<br>Escuelas teóricas<br>Metabolismo urbano<br>Nuevos paradigmas para abordar los retos del presente y del futuro |
| Calidad del aire     |                                                                                                                                            |
| Calidad de las aguas |                                                                                                                                            |
| Calidad del suelo    |                                                                                                                                            |
| Ruido                |                                                                                                                                            |
| Olores               |                                                                                                                                            |
| Modelos de gestión   |                                                                                                                                            |

## Planning

| Methodologies / tests          | Competencies | Ordinary class hours | Student's personal work hours | Total hours |
|--------------------------------|--------------|----------------------|-------------------------------|-------------|
| Guest lecture / keynote speech | A31 A35      | 30                   | 0                             | 30          |
| Seminar                        | A31 A35      | 30                   | 52.5                          | 82.5        |
| Personalized attention         |              | 0                    | 0                             | 0           |

(\*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.



| Methodologies                  |             |
|--------------------------------|-------------|
| Methodologies                  | Description |
| Guest lecture / keynote speech |             |
| Seminar                        |             |

| Personalized attention |             |
|------------------------|-------------|
| Methodologies          | Description |
| Seminar                |             |

| Assessment                     |              |                                                                                |               |
|--------------------------------|--------------|--------------------------------------------------------------------------------|---------------|
| Methodologies                  | Competencies | Description                                                                    | Qualification |
| Guest lecture / keynote speech | A31 A35      | Examen sobre los aspectos comentados en el desarrollo teórico de la asignatura | 50            |
| Seminar                        | A31 A35      | Desarrollo de trabajos específicos por parte del alumno                        | 50            |

| Assessment comments |
|---------------------|
|                     |

| Sources of information |  |
|------------------------|--|
| Basic                  |  |
| Complementary          |  |

| Recommendations                                          |
|----------------------------------------------------------|
| Subjects that it is recommended to have taken before     |
|                                                          |
| Subjects that are recommended to be taken simultaneously |
|                                                          |
| Subjects that continue the syllabus                      |
|                                                          |
| Other comments                                           |
|                                                          |

(\*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.