



## Teaching Guide

| Teaching Guide           |                                                                                                                                                                                                                                                                                                                                                          |        |          |           |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-----------|
| Identifying Data         |                                                                                                                                                                                                                                                                                                                                                          |        |          | 2021/22   |
| Subject (*)              | Xeoestatística Aplicada e Modelos Hidrolóxicos                                                                                                                                                                                                                                                                                                           |        | Code     | 632508009 |
| Study programme          | Mestrado Universitario en Investigación en Enxeñaría Civil (2013)                                                                                                                                                                                                                                                                                        |        |          |           |
| Descriptors              |                                                                                                                                                                                                                                                                                                                                                          |        |          |           |
| Cycle                    | Period                                                                                                                                                                                                                                                                                                                                                   | Year   | Type     | Credits   |
| Official Master's Degree | Yearly                                                                                                                                                                                                                                                                                                                                                   | First  | Optional | 6         |
| Language                 | Spanish                                                                                                                                                                                                                                                                                                                                                  |        |          |           |
| Teaching method          | Face-to-face                                                                                                                                                                                                                                                                                                                                             |        |          |           |
| Prerequisites            |                                                                                                                                                                                                                                                                                                                                                          |        |          |           |
| Department               | Enxeñaría CivilEnxeñaría Naval e Industrial                                                                                                                                                                                                                                                                                                              |        |          |           |
| Coordinador              |                                                                                                                                                                                                                                                                                                                                                          | E-mail |          |           |
| Lecturers                |                                                                                                                                                                                                                                                                                                                                                          | E-mail |          |           |
| Web                      |                                                                                                                                                                                                                                                                                                                                                          |        |          |           |
| General description      |                                                                                                                                                                                                                                                                                                                                                          |        |          |           |
| Contingency plan         | 1. Modifications to the contents<br><br>2. Methodologies<br>*Teaching methodologies that are maintained<br><br>*Teaching methodologies that are modified<br><br>3. Mechanisms for personalized attention to students<br><br>4. Modifications in the evaluation<br><br>*Evaluation observations:<br><br>5. Modifications to the bibliography or webgraphy |        |          |           |

## Study programme competences

|      |                             |
|------|-----------------------------|
| Code | Study programme competences |
|------|-----------------------------|

## Learning outcomes

| Learning outcomes | Study programme competences |  |  |
|-------------------|-----------------------------|--|--|
|                   |                             |  |  |

## Contents

| Topic | Sub-topic |
|-------|-----------|
|       |           |
|       |           |

## Planning

| Methodologies / tests | Competencies | Ordinary class hours | Student?s personal work hours | Total hours |
|-----------------------|--------------|----------------------|-------------------------------|-------------|
| Supervised projects   |              | 12                   | 2                             | 14          |
| Document analysis     |              | 2                    | 2                             | 4           |
| Oral presentation     |              | 5                    | 1.5                           | 6.5         |



|                                                                                                                                 |  |    |   |    |
|---------------------------------------------------------------------------------------------------------------------------------|--|----|---|----|
| Collaborative learning                                                                                                          |  | 28 | 2 | 30 |
| Personalized attention                                                                                                          |  | 10 | 0 | 10 |
| (*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students. |  |    |   |    |

| Methodologies          |                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Methodologies          | Description                                                                                                                                       |
| Supervised projects    | Se valorarán La realización y presentación de un trabajo personal sobre uno de los temas del curso.                                               |
| Document analysis      | Se valorarán la entrega de las tareas propuestas en clase y la realización y presentación de un trabajo personal sobre uno de los temas del curso |
| Oral presentation      | Se valorará la presentación oral de un trabajo personal sobre uno de los temas del curso.                                                         |
| Collaborative learning | Se valorará la asistencia y participación activa en las clases magistrales y de prácticas                                                         |

| Personalized attention |                                                                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methodologies          | Description                                                                                                                                                                                                                  |
| Supervised projects    | El alumno asistirá a las clases magistrales y realizará prácticas de programas de cálculo numérico de tareas propuestas en clase. Además deberá de realizar y presentar un trabajo personal sobre uno de los temas del curso |
| Document analysis      |                                                                                                                                                                                                                              |
| Collaborative learning |                                                                                                                                                                                                                              |
| Oral presentation      |                                                                                                                                                                                                                              |

| Assessment             |              |             |               |
|------------------------|--------------|-------------|---------------|
| Methodologies          | Competencies | Description | Qualification |
| Supervised projects    |              |             | 40            |
| Document analysis      |              |             | 10            |
| Collaborative learning |              |             | 30            |
| Oral presentation      |              |             | 20            |

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

| Sources of information |                                                              |
|------------------------|--------------------------------------------------------------|
| Basic                  | - Armstrong M, (2004). Basic Linear Geostatistics,. Springer |
| Complementary          |                                                              |

| Recommendations                                                             |
|-----------------------------------------------------------------------------|
| Subjects that it is recommended to have taken before                        |
|                                                                             |
| Subjects that are recommended to be taken simultaneously                    |
| Modelos Numéricos de Hidráulica e Contaminación de Medios Porosos/632508010 |
| 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.