



## Teaching Guide

| Teaching Guide           |                                                                                                                                                                                                                                                                                                                                                          |        |                      |           |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|-----------|
| Identifying Data         |                                                                                                                                                                                                                                                                                                                                                          |        | 2021/22              |           |
| Subject (*)              | Perturbation methods                                                                                                                                                                                                                                                                                                                                     |        | Code                 | 614855221 |
| Study programme          | Mestrado Universitario en Matemática Industrial (2013)                                                                                                                                                                                                                                                                                                   |        |                      |           |
| Descriptors              |                                                                                                                                                                                                                                                                                                                                                          |        |                      |           |
| Cycle                    | Period                                                                                                                                                                                                                                                                                                                                                   | Year   | Type                 | Credits   |
| Official Master's Degree | 2nd four-month period                                                                                                                                                                                                                                                                                                                                    | First  | Optional             | 6         |
| Language                 | Spanish                                                                                                                                                                                                                                                                                                                                                  |        |                      |           |
| Teaching method          | Face-to-face                                                                                                                                                                                                                                                                                                                                             |        |                      |           |
| Prerequisites            |                                                                                                                                                                                                                                                                                                                                                          |        |                      |           |
| Department               | Departamento profesorado másterMatemáticas                                                                                                                                                                                                                                                                                                               |        |                      |           |
| Coordinador              | Sánchez Villaseñor, Eduardo                                                                                                                                                                                                                                                                                                                              | E-mail |                      |           |
| Lecturers                | Arregui Alvarez, Iñigo<br>CARRETERO CERRAJERO, MANUEL<br>López Bonilla, Luis<br>Sánchez Villaseñor, Eduardo                                                                                                                                                                                                                                              | E-mail | inigo.arregui@udc.es |           |
| Web                      | www.m2i.es/docs/modulos/EModelizacion/MPerturbaciones/Metodo%20de%20perturbaciones.pdf                                                                                                                                                                                                                                                                   |        |                      |           |
| 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 |
|------------------------|--------------|----------------------|-------------------------------|-------------|
| Personalized attention |              | 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 |

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

| Assessment    |              |             |               |
|---------------|--------------|-------------|---------------|
| Methodologies | Competencies | Description | Qualification |

| 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.