



## Teaching Guide

| Identifying Data           |  |               |                      |                | 2023/24 |
|----------------------------|--|---------------|----------------------|----------------|---------|
| <b>Subject (*)</b>         | Variational analysis of partial differential equations   | <b>Code</b>   | 614855223            |                |         |
| <b>Study programme</b>     | Mestrado Universitario en Matemática Industrial (2013)   |               |                      |                |         |
| Descriptors                |  |               |                      |                |         |
| <b>Cycle</b>               | <b>Period</b>  | <b>Year</b>   | <b>Type</b>          | <b>Credits</b> |         |
| Official Master's Degree   | 2nd four-month period  | First         | Optional             | 3              |         |
| <b>Language</b>            | Spanish  |               |                      |                |         |
| <b>Teaching method</b>     | Face-to-face   |               |                      |                |         |
| <b>Prerequisites</b>       |  |               |                      |                |         |
| <b>Department</b>          | Departamento profesorado máster Matemáticas  |               |                      |                |         |
| <b>Coordinador</b>         | Muñoz Sola, Rafael   | <b>E-mail</b> |                      |                |         |
| <b>Lecturers</b>           | Arregui Alvarez, Iñigo<br>Muñoz Sola, Rafael   | <b>E-mail</b> | inigo.arregui@udc.es |                |         |
| <b>Web</b>                 | <a href="http://www.m2i.es/docs/modulos/EModelizacion/MAPlicada/1.%20Análisis%20Variacional%20de%20EDPs.pdf">www.m2i.es/docs/modulos/EModelizacion/MAPlicada/1.%20Análisis%20Variacional%20de%20EDPs.pdf</a> |               |                      |                |         |
| <b>General description</b> |  |               |                      |                |         |

## 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

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|  |
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## Sources of information

|                      |  |
|----------------------|--|
| <b>Basic</b>         |  |
| <b>Complementary</b> |  |



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|--|
| 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.