



| Teaching Guide         |                                                                                                                                        |                    |          |           |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------|
| Identifying Data       |                                                                                                                                        |                    |          | 2019/20   |
| Subject (*)            | Métodos Numéricos Avanzados                                                                                                            |                    | Code     | 632011617 |
| Study programme        | Enxeñeiro de Camiños, Canais e Portos                                                                                                  |                    |          |           |
| Descriptors            |                                                                                                                                        |                    |          |           |
| Cycle                  | Period                                                                                                                                 | Year               | Type     | Credits   |
| First and Second Cycle | 2nd four-month period                                                                                                                  | Third Fourth Fifth | Optional | 4         |
| Language               | SpanishEnglish                                                                                                                         |                    |          |           |
| Teaching method        | Face-to-face                                                                                                                           |                    |          |           |
| Prerequisites          |                                                                                                                                        |                    |          |           |
| Department             | Matemáticas                                                                                                                            |                    |          |           |
| Coordinador            |                                                                                                                                        | E-mail             |          |           |
| Lecturers              |                                                                                                                                        | E-mail             |          |           |
| Web                    | <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a>                                  |                    |          |           |
| General description    | Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> |                    |          |           |

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

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

| Contents                                                                                                                                  |                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Topic                                                                                                                                     | Sub-topic                                                                                                                              |
| Ver página web de la asignatura:<br><a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> | Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> |

| Planning                                                                                                                        |              |                      |                               |             |
|---------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|-------------------------------|-------------|
| Methodologies / tests                                                                                                           | Competencies | Ordinary class hours | Student?s personal work hours | Total hours |
| Guest lecture / keynote speech                                                                                                  |              | 30                   | 30                            | 60          |
| Laboratory practice                                                                                                             |              | 30                   | 60                            | 90          |
| 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                                                                                                                            |
| Guest lecture / keynote speech | Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> |
| Laboratory practice            | Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> |

| Personalized attention         |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Methodologies                  | Description                                                                                           |
| Guest lecture / keynote speech | Ver página web de la asignatura:                                                                      |
| Laboratory practice            | <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> |

| Assessment |
|------------|
|------------|



| Methodologies                  | Competencies | Description                                                                                                                                   | Qualification |
|--------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Guest lecture / keynote speech |              | Ver página web de la asignatura:<br><br><a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> | 20            |
| Laboratory practice            |              | Ver página web de la asignatura:<br><br><a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> | 80            |
| Others                         |              |                                                                                                                                               |               |

#### Assessment comments

<p>Ver página web de la asignatura: <http://caminos.udc.es/info/asignaturas/mna/></p>

#### Sources of information

|               |                                                                                                                                                                                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic         | - Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> (). .<br>- Ver página web de la asignatura: <a href="http://caminos.udc.es/info/asignaturas/mna/">http://caminos.udc.es/info/asignaturas/mna/</a> (). . |
| Complementary |                                                                                                                                                                                                                                                                                                  |

#### Recommendations

##### Subjects that it is recommended to have taken before

Cálculo Numérico/632011301

##### Subjects that are recommended to be taken simultaneously

Linguaxe C/632011615

##### 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.