



## Teaching Guide

| Teaching Guide         |                                        |              |          |           |
|------------------------|----------------------------------------|--------------|----------|-----------|
| Identifying Data       |                                        |              |          | 2023/24   |
| Subject (*)            | Animación 3d                           |              | Code     | 616011619 |
| Study programme        | Licenciado en Comunicación Audiovisual |              |          |           |
| Descriptors            |                                        |              |          |           |
| Cycle                  | Period                                 | Year         | Type     | Credits   |
| First and Second Cycle | 2nd four-month period                  | Third Fourth | Optional | 7         |
| Language               | Spanish                                |              |          |           |
| Teaching method        | Face-to-face                           |              |          |           |
| Prerequisites          |                                        |              |          |           |
| Department             | Matemáticas                            |              |          |           |
| Coordinador            |                                        | E-mail       |          |           |
| Lecturers              |                                        | E-mail       |          |           |
| Web                    |                                        |              |          |           |
| General description    |                                        |              |          |           |

## Study programme competences

| Code | Study programme competences                                                                                                                            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| A1   | Capacidade para aplicar técnicas e procesos de creación e difusión no campo do deseño gráfico.                                                         |
| A6   | Capacidade de experimentar e innovar mediante o coñecemento e uso de técnicas e métodos aplicados.                                                     |
| A8   | Capacidade para aplicar técnicas e procesos de produción e de difusión audiovisual en tódalas súas fases, incluída a súa promoción e comercialización. |
| A9   | Capacidade de análise da forma icónica e a imaxe espacial tanto na imaxe fixa como en movemento.                                                       |
| A11  | Capacidade de utilización das técnicas e procesos na creación de produtos multimedia.                                                                  |
| A12  | Capacidade de aplicación de técnicas e procedementos para a composición da imaxe fixa e en movemento.                                                  |

## Learning outcomes

| Learning outcomes |  | Study programme competences |  |  |
|-------------------|--|-----------------------------|--|--|
|                   |  | A1                          |  |  |
|                   |  | A6                          |  |  |
|                   |  | A8                          |  |  |
|                   |  | A9                          |  |  |
|                   |  | A11                         |  |  |
|                   |  | A12                         |  |  |

## Contents

| Topic                                 | Sub-topic                                                       |
|---------------------------------------|-----------------------------------------------------------------|
| Proceso de Producción en Animación 3D |                                                                 |
| Diseño de Personajes                  |                                                                 |
| Modelado de Personajes para Animación |                                                                 |
| Setup de Personajes                   | Creación de Esqueletos<br>Rigging<br>Skinning<br>Facial Rigging |
| Layout                                |                                                                 |
| Animación                             | Animación de Personajes<br>Animación Facial                     |
| Materiales y Texturas                 |                                                                 |



|                      |  |
|----------------------|--|
| Iluminación y Render |  |
|----------------------|--|

| Planning                                                                                                                        |                     |                      |                               |             |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------------------------|-------------|
| Methodologies / tests                                                                                                           | Competencies        | Ordinary class hours | Student's personal work hours | Total hours |
| Case study                                                                                                                      | A1 A6 A9 A8 A11 A12 | 8                    | 0                             | 8           |
| Collaborative learning                                                                                                          | A1 A6 A9 A8 A11 A12 | 32                   | 8                             | 40          |
| Workbook                                                                                                                        | A1 A6 A9 A8 A11 A12 | 0                    | 5                             | 5           |
| Supervised projects                                                                                                             | A1 A6 A9 A8 A11 A12 | 64                   | 58                            | 122         |
| 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                                        |
| Case study             | Visionado de vídeos y análisis de casos de ejemplo |
| Collaborative learning | Resolución de problemas de forma colaborativa      |
| Workbook               | Lectura de artículos y documentación               |
| Supervised projects    | Proyecto de animación                              |

| Personalized attention |             |
|------------------------|-------------|
| Methodologies          | Description |
| Collaborative learning |             |
| Supervised projects    |             |

| Assessment          |                     |             |               |
|---------------------|---------------------|-------------|---------------|
| Methodologies       | Competencies        | Description | Qualification |
| Case study          | A1 A6 A9 A8 A11 A12 |             | 0             |
| Workbook            | A1 A6 A9 A8 A11 A12 |             | 0             |
| Supervised projects | A1 A6 A9 A8 A11 A12 |             | 0             |
| Others              |                     |             |               |

| 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.