**Teaching Guide**

| Identifying Data | | | | 2015/16 | |
|---|---|---|---|---|---|
| Subject (*) | Profundización en Química Inorgánica | | Code | 610509003 | |
| Study programme | Mestrado en Investigación Química e Química Industrial | | | | |
| Descriptors | | | | | |
| Cycle | Period | Year | Type | Credits | |
| Official Master's Degree | 1st four-month period | First | Obligatoria | 3 | |
| Language | Spanish | | | | |
| Teaching method | Face-to-face | | | | |
| Prerequisites | | | | | |
| Department | Química Fundamental | | | | |
| Coordinador | Fernandez Sanchez, Jesus Jose | | E-mail | jesus.fernandezs@udc.es | |
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| | Fernandez Sanchez, Jesus Jose | | | jesus.fernandezs@udc.es | |
| Web | | | | | |
| General description | | | | | |

| Study programme competences / results | |
|---|---|
| Code | Study programme competences / results |
| A1 | Define concepts, principles, theories and specialized facts of different areas of chemistry. |
| A2 | Suggest alternatives for solving complex chemical problems related to the different areas of chemistry. |
| A4 | Innovate in the methods of synthesis and chemical analysis related to the different areas of chemistry |
| B1 | Possess knowledge and understanding to provide a basis or opportunity for originality in developing and / or applying ideas, often within a research context |
| B2 | Students should apply their knowledge and ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study. |
| B4 | Students should be able to communicate their conclusions, and the knowledge and the reasons that support them to specialists and non-specialists in a clear and unambiguous manner |
| B5 | Students must possess learning skills to allow them to continue studying in a way that will have to be largely self-directed or autonomous. |
| B7 | Identify information from scientific literature by using appropriate channels and integrate such information to raise and contextualize a research topic |
| B10 | Use of scientific terminology in English to explain the experimental results in the context of the chemical profession |
| B11 | Apply correctly the new technologies to gather and organize the information to solve problems in the professional activity. |

| Learning outcomes | | |
|---|---|---|
| Learning outcomes | Study programme competences / results | |
| | AC1 AC2 AC4 | BC1 BC4 BC5 BC7 BC10 |
| | AC1 AC2 AC4 | BC1 BC2 BC4 BC5 BC7 BC11 |

## Contents

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

## Planning

| Methodologies / tests | Competencies / Results | Teaching hours (in-person & virtual) | Student?s personal work hours | Total hours |
|---|---|---|---|---|
| Seminar | A1 A2 A4 B2 B4 B7 B10 B11 | 7 | 14 | 21 |
| Supervised projects | B5 | 2 | 10 | 12 |
| Mixed objective/subjective test | B2 B5 | 2 | 10 | 12 |
| Guest lecture / keynote speech | A1 B1 | 15 | 15 | 30 |
| 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 |
|---|---|
| Seminar |  |
| Supervised projects |  |
| Mixed objective/subjective test |  |
| Guest lecture / keynote speech |  |

## Personalized attention

| Methodologies | Description |
|---|---|
| Supervised projects Guest lecture / keynote speech Seminar Mixed objective/subjective test |  |

## Assessment

| Methodologies | Competencies / Results | Description | Qualification |
|---|---|---|---|
| Supervised projects | B5 |  | 0 |
| Guest lecture / keynote speech | A1 B1 |  | 0 |
| Seminar | A1 A2 A4 B2 B4 B7 B10 B11 |  | 0 |
| Mixed objective/subjective test | B2 B5 |  | 0 |

## 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.**