



Teaching Guide

| Identifying Data | | | | | 2019/20 |
|----------------------------|---|-------------|---------------|----------------|---------|
| Subject (*) | Movilidade Sostible e Sistemas de Transporte Metropolitano de Capacidade Intermedia | | Code | 632508017 | |
| Study programme | Mestrado Universitario en Investigación en Enxeñaría Civil (2013) | | | | |
| Descriptors | | | | | |
| Cycle | Period | Year | Type | Credits | |
| Official Master's Degree | Yearly | First | Optional | 6 | |
| Language | Spanish | | | | |
| Teaching method | Face-to-face | | | | |
| Prerequisites | | | | | |
| Department | Matemáticas | | | | |
| Coordinador | | | E-mail | | |
| Lecturers | | | E-mail | | |
| Web | | | | | |
| General description | | | | | |

Study programme competences / results

| Code | Study programme competences / results |
|------|---------------------------------------|
| | |

Learning outcomes

| Learning outcomes | Study programme competences / results |
|-------------------|---------------------------------------|
| | |

Contents

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

Planning

| Methodologies / tests | Competencies / Results | Teaching hours (in-person & virtual) | Student?s personal work hours | Total hours |
|--------------------------------|------------------------|--------------------------------------|-------------------------------|-------------|
| Introductory activities | | 1 | 0 | 1 |
| Guest lecture / keynote speech | | 40 | 40 | 80 |
| Case study | | 20 | 40 | 60 |
| Document analysis | | 1 | 8 | 9 |
| 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 |
|--------------------------------|-------------|
| Introductory activities | |
| Guest lecture / keynote speech | |
| Case study | |
| Document analysis | |



Personalized attention

| Methodologies | Description |
|---------------|-------------|
| | |

Assessment

| Methodologies | Competencies / Results | Description | Qualification |
|--------------------------------|------------------------|-------------|---------------|
| Guest lecture / keynote speech | | | 0 |
| Case study | | | 0 |
| Document analysis | | | 0 |

Assessment comments

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Sources of information

| | |
|----------------------|---|
| Basic | <ul style="list-style-type: none"> - Comisión de las Comunidades Europeas (2007). Libro verde. Hacia una nueva cultura de la movilidad urbana. - UITP (2001). Desplazarse mejor en la ciudad. - IHOBE (2004). Guía práctica para la elaboración de Planes de Movilidad Urbana Sostenible. - IDAE (2006). Guía práctica para la elaboración e implantación de Planes de Movilidad Urbana Sostenible (PMUS). - Sanz Alduán, Alfonso (2008). Calmar el tráfico: una herramienta de la movilidad sostenible. Ministerio de Fomento - R. Bugarín, M., Novales, M., Orro, A (2003). Evolución de los sistemas tranviarios. Tórculo - Vuchic, V.R. (2007). Urban Transit. Systems and technology. John Wiley & Sons, Inc - Grava, S. (2003). Urban Transportation Systems. Choices for communities. McGraw-Hill - APTA (2013). Modern Streetcar Vehicle Guidelines. - VDV (2007). Local and regional railway tracks in Germany. - Transportation Research Board (2012). Track Design Handbook for Light Rail Transit. - UITP (2004). Guidelines for selecting and planning a new light rail system. Level 1, 2 & 3. - CERTU (2005). Bus à Haut Niveau de Service. Concept et recommandations. |
| Complementary | |

Recommendations

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| Subjects that it is recommended to have taken before |
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| Subjects that are recommended to be taken simultaneously |
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| Subjects that continue the syllabus |
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| Other comments |
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(*)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.