



IDENTIFYING DATA

Physical planning and land management

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|---------------------|---|----------|------|------------|
| Subject | Physical planning and land management | | | |
| Code | P03G370V01701 | | | |
| Study programme | (*)Grao en Enxeñaría Forestal | | | |
| Descriptors | ECTS Credits | Choose | Year | Quadmester |
| | 6 | Optional | 4th | 1st |
| Teaching language | Spanish Galician | | | |
| Department | Natural Resources and Environment Engineering | | | |
| Coordinator | Álvarez Bermúdez, Xana | | | |
| Lecturers | Álvarez Bermúdez, Xana | | | |
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| Web | | | | |
| General description | | | | |

Competencies

| | |
|------|---|
| Code | |
| B1 | Ability to understand the biological, chemical, physical, mathematical and representation systems necessary for the development of professional activity, as well as to identify the different biotic and physical elements of the forest environment and renewable natural resources susceptible to protection, conservation and exploitations in the forest area. |
| B2 | Ability to analyze the ecological structure and function of forest systems and resources, including landscapes. |
| B10 | Ability to apply the techniques of forest management and land planning, as well as the criteria and indicators of sustainable forest management within the framework of forest certification procedures. |
| C32 | Ability to know, understand and use the principles of: planning and planning of the territory. Forest landscaping. |
| D4 | Sustainability and environmental commitment |
| D5 | Capacity for information management, analysis and synthesis |
| D6 | Organization and planning capacity |
| D7 | Skill in the use of IT tools and ICTs. |
| D8 | Ability to solve problems, critical reasoning and decision making |
| D9 | Teamwork skills, skills in interpersonal relationships and leadership. |
| D10 | Autonomous Learning |

Learning outcomes

| | | | |
|------------------------------------|-------------------------------|-----|-----|
| Expected results from this subject | Training and Learning Results | | |
| New | B1 | C32 | D4 |
| | B2 | | D5 |
| | B10 | | D6 |
| | | | D7 |
| | | | D8 |
| | | | D9 |
| | | | D10 |

Contents

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|-------|
| Topic |
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| | |
|--|---|
| Topic I: GENERAL THEORY OF PLAN. PHYSICS | Concept of Physical Planning. Physical Planning in Engineering Background of Physical Planning Environmental and integrated inventories Evolution of Physical Planning studies Definitions of Physical Planning Ecologically based physical planning |
| Topic II: PHYSICAL PLANNING PROCESS | Typology and Purposes of Planning Operational techniques Levels of application Fundamental relationships General scheme Definition of objectives Inventory Modeling Spatial classification Choice of Alternatives Decision making Contrast of Planning Planning follow-up |
| Topic III: THE TOOLS FOR PHYSICAL PLANNING | Introduction to Geographic Information Systems. The S.I.G. Applied to Physical Planning and Territorial Planning. |

| Planning | | | |
|--------------------------|-------------|-----------------------------|-------------|
| | Class hours | Hours outside the classroom | Total hours |
| Supervised work | 0 | 30 | 30 |
| Presentation | 25 | 30 | 55 |
| Case studies | 21 | 23 | 44 |
| Objective questions exam | 1 | 0 | 1 |
| Essay | 0 | 20 | 20 |

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

| Methodologies | |
|-----------------|---|
| | Description |
| Supervised work | The student, individually or in groups, prepares a paper on the subject of matter or prepare seminars, research, memoirs, essays, summaries of readings, lectures, etc.. Generally it is an autonomous activity / of the student / s that includes finding and collecting information, reading and literature management, writing ... |
| Presentation | Exhibition by the students to the teacher and / or a group of students of a subject matter or content of the results of a job, exercise, project ... It can be done individually or in groups. |
| Case studies | Analysis of an event, issue or actual event in order to know, interpret, solve, generate hypotheses, comparing data, reflect, complete knowledge, diagnose and training in alternative dispute resolution procedures. |

| Personalized attention | |
|------------------------|-------------|
| Methodologies | Description |
| Supervised work | |

| Assessment | | | |
|-----------------|-------------|---------------|-------------------------------|
| | Description | Qualification | Training and Learning Results |
| Supervised work | (*). | 30 | |
| Presentation | (*). | 70 | |

Other comments on the Evaluation

| Sources of information |
|----------------------------|
| Basic Bibliography |
| Complementary Bibliography |

Recommendations

