

60421 - Master's Dissertation

Syllabus Information

Academic year: 2024/25

Subject: 60421 - Master's Dissertation

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 352 - Master's in Geographic Information Science and Technology for Land Management: Geographic Information Systems and Remote Sensing

ECTS: 12.0

Year: 1

Semester: Annual

Subject type: Compulsory

Module:

1. General information

The MFP consists of the realization of a report in which the knowledge, skills, aptitudes and attitudes acquired by the students are shown. The modalities in which the works may be presented are as follows: Academic papers. Laboratory work. Work performed as a result of internships in companies or institutions. Equivalent work carried out as a result of a stay in another university through a mobility agreement. Given the mixed orientation -professional and research- of the master's degree, students can choose to carry out a MFP under the guidance of a teacher-tutor or base it on external internships. The Sustainable Development Goals related to this subject are: 6, 7, 9, 10, 11, 12, 13, 15.

2. Learning results

The student, in order to pass this subject, must demonstrate the following results...

- Diagnose and solve, through the use of GIT, a territorial or environmental question in the context of land use planning.
- Design a methodological process based on GIT based on the requirements and restrictions imposed by the available information, the nature of the object of study and the possibilities of the technological-instrumental resources used.
- Design a conceptual model and an operational model and implement it appropriately for the resolution of a problem and -in coherence with it- select, obtain and organize the appropriate information.
- Infer appropriate and/or novel hypotheses from the analysis performed using GIT.
- Identify the most appropriate tools and operations for the achievement of the objectives pursued and skilfully employs the relevant resources in the field of GIT.
- Explain, argue and communicate -both in writing and orally- correctly and effectively the procedures used and the results obtained.

3. Syllabus

This section does not apply to the MFP subject

4. Academic activities

The program offers the students help to achieve the expected results and comprises the following activities: Personal study - autonomous work of the student for the elaboration of the written report. Public defence of the MFP before a board of examiners. Tutorials with the teacher-tutor of the MFP. The written report must be structured according to the classic sections of an academic or research paper. The written report shall have a minimum length of 1,000 words per credit of the subject and may also include any annexes deemed necessary.

5. Assessment system

In both the 1st and 2nd call, the evaluation of the MFP is based on two activities: Evaluation of the written report (80%), and of the defence before a board of examiners (20%).

Evaluation criteria: correctness and coherence of the conceptual and methodological approach; rigor in the application of GIT and degree of novelty and complexity; relevance, interest and/or applicability; adequate selection, organization and critical assessment of the information and pertinence of the analyses applied; self-critical capacity and assessment of the limitations of the work; coherent structuring of the report; quality of the graphic and cartographic presentation and correctness of the statistical or geostatistical treatments; use of GIT terminology and nomenclature; formal correctness in the writing and presentation of the report; clarity of exposition and ability to transmit results and assessments on complex issues; use of didactic and ICT resources in the presentation; adaptation to the time available and selection of aspects; coherence, relevance and completeness of the answers given.

In the case of a negative result in the evaluation, the board of examiners will decide whether the student must undertake a new work or proceed to a second defence with the corresponding modifications.

6. Sustainable Development Goals

6 - Clean Water and Sanitation

7 - Affordable and Clean Energy

9 - Industry, Innovation and Infrastructure