

Academic Year/course: 2021/22

25716 - Quantitative techniques applied to documentation

Syllabus Information

Academic Year: 2021/22

Subject: 25716 - Quantitative techniques applied to documentation

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 268 - Degree in Information Management

ECTS: 6.0

Year: 2

Semester: Second Four-month period

Subject Type: Basic Education

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, autonomous work, study and assessment tasks.

Students are expected to participate actively in class throughout the semester.

Further information regarding the course will be provided on the first day of class.

4.2. Learning tasks

The course includes the following learning tasks:

- Lectures.
- Practice sessions.
- Autonomous work and study.
- Assessment tasks.

4.3. Syllabus

The course will address the following topics:

- Topic 1. The statistics method. Sampling and types of sampling methods.
- Topic 2. SPSS Program. Files management. Variables. Data transformation. Data selection and order.
- Topic 3. Descriptive statistics.
- Topic 4. Goodness of fit.
- Topic 5. Inferential statistics. Testing the hypothesis.
- Topic 6. Analyzing data: Crosstabs and bivariate relationship.

- Topic 7. Analyzing data: Comparing means. T-test and analysis of variance. Non-parametric tests.
- Topic 8. Regression and correlation

4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Faculty of Philosophy and Arts website (<https://fyl.unizar.es/>; academic calendar: <http://academico.unizar.es/calendario-academico/calendario>, timetable: <https://fyl.unizar.es/horario-de-clases#overlay-context=horario-de-clases>; assessment dates: <https://fyl.unizar.es/calendario-de-examenes#overlay-context=>)

4.5. Bibliography and recommended resources

<http://psfunizar7.unizar.es/br13/egAsignaturas.php?codigo=25716>