

Local and Regional Demography

Code: 101618
ECTS Credits: 6

Degree	Type	Year	Semester
2501002 Geography and Spatial Planning	OT	3	0
2501002 Geography and Spatial Planning	OT	4	0

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Prerequisites

There are no prerequisites

Objectives and Contextualisation

The subject is taught as an optional subject in the Degree in Geography and Territorial Planning.

The objective is to introduce the students to the knowledge of the characteristics of the Local and Regional Demography, their sources of information, the calculation of demographic and spatial indicators at the local scale, the interpretation of these indicators and the realization and analysis of local population projections. The orientation is eminently practical applying the demographic procedures through the MS Excel software and other simple programs that will be explained throughout the course.

The specific objectives are:

- Introduce the students in the basic concepts of Local and Regional Demography and small areas
- To know the demographic and socioeconomic sources of local and regional population
- To treatment of large demographic databases from appropriate instruments and software
- To estimate and calculate local and regional demographic indicators by deciding the degree of significance of these indicators.
- To apply spatial statistics to the preparation of local and regional demographic indicators
- To know methods of estimating residential segregation and interpret these indicators
- To develop evaluations of the quality of the local demographic projections contrasting the results of the projection with the real evolution of the populations and the demographic phenomena
- To argument the results obtained in the graphic representation, exploration and analysis of the information to describe and characterize territories at infra-municipal, local and regional scale

Competences

- Geography and Spatial Planning
 - Analysing and explaining today's world events from a geographical point of view.
 - Analysing and interpreting demographic problems.

- Producing innovative and competitive proposals in research and professional activity.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
- Students must develop the necessary learning skills in order to undertake further training with a high degree of autonomy.
- Summarising and communicating geographical problems to the media.

Learning Outcomes

1. Analysing the main dynamics of today's world from a geographical point of view.
2. Classify the problems related to the different demographic phenomena.
3. Communicating the main demographic phenomena and migration processes in order to explain the world's current events.
4. Contrasting and comparing relevant geographical data.
5. Describing the different demographic phenomena.
6. Describing the migration processes on different regional scales.
7. Drawing up innovative proposals.
8. Explore demographic phenomena on different regional scales and look for patterns of behaviour.
9. Identify and select the most important sources of information for demographic analysis, and the ways to manage this information.
10. Identify the specific statistical tools of demographic analysis and use them appropriately to draw conclusions.
11. Producing an individual work that specifies the work plan and timing of activities.
12. Solving problems autonomously.
13. Summarising acquired knowledge about the origin and transformations experienced in its several fields of study.

Content

Block 1. The concept of Local and Regional Demography

Unit 1.1 The demography of small areas: concepts and definition

Unit 1.2 Individuals and households: notes on residential demography

Unit 1.3 Local and regional sources of demographic and socioeconomic information

Block 2. Construction of local and regional demographic indicators

Unit 2.1 Treatment of large demographic databases: Continuous census, census, natural movement and immigration dynamics at the local, provincial and state levels

Unit 2.2 Interpretation of the local demographic indicators of dynamics and structure

Unit 2.3 Methods for estimating local and regional demographic indicators

Unit 2.4 Standardization techniques applied at the local and regional scale

Unit 2.5 Application of spatial statistics to the analysis of local and regional demographic indicators.

Block 3. Residential segregation

Unit 3.1 The concept of residential segregation and the local scale

Unit 3.2 Calculation of residential segregation indicators

Block 4 Demographic projections at local level

Unit 4.1 Definition, concepts and key methods of local projections

Unit 4.2 Case study: analysis and validation of the results of a local projection

Methodology

The course is structured from directed and autonomous activities where the student will learn to develop the contents of the subject with distance support from the teacher at different levels.

Supervised activities: remote monitoring of practices and course work.

Autonomous activities: study of the theoretical contents and of the complementary readings, completion of the practices and completion of the course work.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Remote tutoring on the realization of practices and course work	45	1.8	1, 2, 3, 4, 5, 6, 8, 9, 10, 7, 12, 13
Type: Supervised			
Completion of practical work and course work	22	0.88	3, 4, 5, 6, 11, 8, 9, 10, 7, 12
Tutorials of course work	3	0.12	1, 11, 7, 12
Type: Autonomous			
Completion of practices and course work	60	2.4	1, 2, 3, 4, 5, 6, 11, 8, 9, 10, 7, 12, 13
Personal study	15	0.6	1, 2, 3, 4, 5, 6, 11, 8, 9, 10, 7, 12, 13

Assessment

The evaluation of the course consists of three major blocks:

- Individual practices - indicators on blocks 1, 2, 3 and 4. There will be about 10 compulsory individual practices that will score 50 percent of the grade.
- Individual practices - comment of texts on blocks 1, 2, 3 and 4. There will be about 4 compulsory individual practices that will score 20 percent of the grade.
- Course work. Individual work where a practical application of the contents of the course will be made 30 percent of the grade.

Key aspects to take into account in the evaluation:

- The completion of the practices and course work is mandatory to pass the course.

The copy or plagiarism of any activity will merit the qualification of suspense and can not be recovered. The copy or plagiarism of material, in any of the activities, constitutes a crime that will be sanctioned with a zero to the activity. In case of recidivism the entire subject will be suspended. Remember that a job that reproduces all

or a large part of the work of one or the other partner is considered a "copy". "Plagiarism" is the fact of presenting all or part of an author's text as his or her own without citing the sources, whether on paper or in digital format. See documentation on "plagiarism" at: http://wuster.uab.es/web_argumenta_obert/unit_20/sot_2_01.html

- The plagiarism or copy of an exercise will have a 0. The repetition of a copy will have the consequence of suspending the course.
- To do the average, it is necessary to approve the practices and the work.
- The presentation of the practices after the deadline will reduce the practice mark by at least 20 percent.
- Reassessment of practices and work will be carried out provided they have been submitted within the established period.
- Final reassessment of the practices and work will be done as long as they have participated throughout the course.
- Students who do not arrive in the reassessment phase to the minimum established will be cataloged as NOT EVALUABLE.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Course work	30 percent	1.5	0.06	1, 2, 3, 4, 5, 6, 11, 8, 9, 10, 7, 12, 13
Individual practices - comment of text	20 percent	1	0.04	1, 2, 3, 4, 5, 6, 11, 8, 9, 10, 7, 12, 13
Individual practices - indicators	50 percent	2.5	0.1	1, 2, 3, 4, 5, 6, 11, 8, 9, 10, 7, 12, 13

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