The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

**Contact**

Name: Carme Miralles Guasch  
Email: Carme.Miralles@uab.cat

**Use of Languages**

Principal working language: **Spanish** (spa)

**Prerequisites**

Not have it

**Objectives and Contextualisation**

1. To understand what urban mobility is.
2. To interpret the relationship between mobility and transport.
3. To interpret the importance of urban territory as an active element in mobility models.
4. Link mobility to the social structure of population
5. To study transport costs: economic, social and environmental
6. To investigate sources of quantitative information: the daily mobility surveys

**Competences**

**Regional and Population Studies**

- Communicate and justify conclusions clearly and unambiguously to both specialised and non-specialised audiences.
- Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.

**Global East Asian Studies**

- Knowledge and understanding that provide a basis or opportunity for originality in developing and/or applying ideas, often in a research context.
- Students can communicate their conclusions and the knowledge and rationale underpinning these to specialist and non-specialist audiences clearly and unambiguously.
- That the students can apply their knowledge and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
Learning Outcomes

1. Communicate and justify conclusions clearly and unambiguously to both specialised and non-specialised audiences.
2. Knowledge and understanding that provide a basis or opportunity for originality in developing and / or applying ideas, often in a research context.
3. Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
4. Students can communicate their conclusions and the knowledge and rationale underpinning these to specialist and non-specialist audiences clearly and unambiguously.
5. That the students can apply their knowledge and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
6. Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.

Content

METIT PROGRAMME

Subject: Mobility and Transportation

Teacher: Carme Miralles-Guasch

Bibliographic materials, from which the subject will be developed, are divided in two types: on the one hand, academic articles related to the topics treated will be used, and on the other hand, the book of Jane Jacobs Death and Life of the big cities, edited in 1961 and reissued, in the Spanish translation, 2011 by the publisher Captain Swing.

Jane Jacobs, an author misunderstood by her contemporaries, who has been forgotten for years but today vindicated and placed at the centre of the ideas promoted by the new urbanism. And with it, the new paradigms of mobility, transport and the city. Under this new epistemological framework, revising the classics, the mobility of people living in urban areas will be analysed. The daily movements of population are explained by the organization of cities themselves, so that is the territory that shapes the daily mobility. And it is only from this territorial perspective that the environmental, social and economic challenges that mobility faces can be addressed.

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PROGRAMME

SESSION 1

- Conference: To be determined
- Introduction of the course

Topic: Introduction to concepts and paradigm changes

Topic: MOBILITY AND TERRITORY. SUSTAINABLE MOBILITY, A NEW GEOGRAPHICAL PERSPECTIVE

Readings:

a.- (JJ) Part one: : The peculiar nature of cities.

02 The uses of sidewalks: safety (p.55)

03 The uses of sidewalks: contact (p. 82)

04: The uses of sidewalks: assimilating children (p.103)


SESSION 2

Topic: COSTS OF MOBILITY: ECONOMIC, ENVIRONMENTAL AND SOCIAL

Readings:

a.- (JJ) Part Two: Conditions for urban diversity
07: Generators of diversity (p.175)
08: Need for the combination of primary uses (p.185)
09: Need for small blocks (p.211)


- Miralles-Guasch, Carme & Martínez Melo, Montserrat; Marquet Sarda, Oriol (2012) El uso del transporte privado, percepciones individuales y contradicciones colectivas en un marco de sostenibilidad ambiental y social. ACE Arquitectura, ciudad y entorno Volumen: 19

SESSION 3

Tema: URBAN SHAPES, MOBILITY, PROXIMITY AND DISTANCE

Readings:

a.- (JJ) Part two: Conditions for urban diversity
10: The need for oldbuildings (p.221)
11: The need for concentration (p.235)
12: Some myths about diversity (p.257)


SESSION 4

Topic: SOURCES OF INFORMATION ON MOBILITY. AN EXAMINATION OF THE MOBILITY IN CATALONIA.

Readings:

- Miralles-Guasch, Carme; (2012) Las encuestas de movilidad y los referentes ambientales de los transportes. EURE. Santiago de Chile Volumen 38, nº 115 Páginas 33-45 ISSN: 0717-6236 digital; 0250-7161 papel

- Presentation of the doctoral theses currently running in the research group
SESSION 5

Topic: THE SOCIAL STRUCTURE OF MOBILITY

a.- (JJ) Part three: Forces of decline and regeneration

13: The self destruction of diversity (p.277)
14: The curse of border vacuums (p.293)


SESSION 6

Topic: MOBILITY AND TIME

Readings:

(JJ) Part three: Forces of decline and regeneration

15: Unslumming and slumming (p.307)
16: Gradual Money and cataclysmic money (p.329)

Part four: Different tactics

17: Subsidizing dwellings (p.359)

- Miralles-Guasch, Carme (2011) Dinámicas metropolitanas y tiempos de la movilidad. La región metropolitana de Barcelona, como ejemplo. Anales de Geografía. vol. 31, núm. 1 125-145

SESSION 7

Topic: THE ROLE OF INFRAESTRUCTURE IN THE TERRITORY

Readings:

a.- (JJ) Part four: Different tactics

18: Erosion of cities or attrition of automobiles (p.377)
19: Visual order: its limitations and possibilities (p.411)

(JJ) Part four: Different tactics

20: Salvaging projects (p.431)
21: Governing and Planning districts (p.443)
22: The kind of problema a city is (p.467)

b.- Bellet, Carme; Alonso, Pilar; Casellas, Antònia (2010), "Infraestructuras de transporte y territorio. Los efectos estructurantes de la llegada del tren de alta velocidad en España", en Boletín de la Asociación de Geógrafos Españoles, núm. 52, pp.143-163
Epilogue of the course and final exam.

Methodology

The subject will be structured based on directed and autonomous activities, where students will learn interactively with the contents of the program, with the help and support of the teacher.

The subject includes lectures by the teacher, exhibitions and discussions by the students, with the collaboration of external experts from different fields.

All the activities in class will have a bibliographic support that the students will be provided at the beginning of the course (check the programme).

The activities that could not be done onsite will be adapted to an online format made available through the UAB's virtual tools. Exercises, projects and lectures will be carried out using virtual tools such as tutorials, videos, Teams sessions, etc. Lecturers will ensure that students are able to access these virtual tools, or will offer them feasible alternatives.

Activities

<table>
<thead>
<tr>
<th>Title</th>
<th>Hours</th>
<th>ECTS</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical classes</td>
<td>10</td>
<td>0.4</td>
<td>3, 6</td>
</tr>
<tr>
<td>Class expositions</td>
<td>10</td>
<td>0.4</td>
<td>3, 4, 6</td>
</tr>
<tr>
<td>Preparation work</td>
<td>36</td>
<td>1.44</td>
<td>3</td>
</tr>
<tr>
<td>Read papers or books of the subject</td>
<td>26</td>
<td>1.04</td>
<td>3, 6</td>
</tr>
</tbody>
</table>

Assessment

The assessment will be made on the following basis:
Classroom exhibitions by pupils: 30%
Exam: 40%
Interventions in class (attendance is mandatory): 10%
Assistance and participation in directed activities: 20%

VERY IMPORTANT: Total or partial plagiary of any of the exercises will automatically be considered "fail" (0) for the plagiarized item. Plagiarism is copying one or more sentences from unidentified sources, presenting it as original work (THIS INCLUDES COPYING PHRASES OR FRAGMENTS FROM THE INTERNET AND ADDING THEM WITHOUT MODIFICATION TO A TEXT WHICH IS PRESENTED AS ORIGINAL). Plagiarism is a serious offense. Students must learn to respect the intellectual property of others, identifying any source they may use, and take responsibility for the originality and authenticity of the texts they produce.

In the event that assessment activities cannot be taken onsite, they will be adapted to an online format made available through the UAB's virtual tools (original weighting will be maintained). Homework, activities and class participation will be carried out through forums, wikis and/or discussion on Teams, etc. Lecturers will ensure that students are able to access these virtual tools, or will offer them feasible alternatives.
Assessment Activities

<table>
<thead>
<tr>
<th>Title</th>
<th>Weighting</th>
<th>Hours</th>
<th>ECTS</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistance and participation in directed activities</td>
<td>20</td>
<td>15</td>
<td>0.6</td>
<td>3, 1, 4, 2</td>
</tr>
<tr>
<td>class exposition</td>
<td>30</td>
<td>15</td>
<td>0.6</td>
<td>3, 5, 1</td>
</tr>
<tr>
<td>participation in class</td>
<td>10</td>
<td>8</td>
<td>0.32</td>
<td>3, 1, 6</td>
</tr>
<tr>
<td>test</td>
<td>40</td>
<td>30</td>
<td>1.2</td>
<td>3, 1, 6</td>
</tr>
</tbody>
</table>

Bibliography

- Delclòs-Alió, Xavier i Miralles-Guash, Carme *Looking at Barcelona through Jane Jacobs's eyes: Mapping the basic conditions for urban vitality in a Mediterranean conurbation* Land Use Policy, 2018


- Climate Change 2007Cambridge, United Kingdom and New York, NY, USA.


- Vich, Guillem; Marquet, Oriol & Miralles-Guasch, Carme (2019) Is there any time left for walking?“ Physical activity implications of suburban commuting in the Barcelona metropolitan region. Geografisk Tidsskrift-DanishJournal of Geography,