COURSE DESCRIPTION

COURSE DETAILS

Title (of the course): METODOLOGÍA DE LA INVESTIGACIÓN CUANTITATIVA
Code: 622005
Degree/Master: MASTER UNIVERSITARIO ERASMUS MUNDUS EN PLAY,
ECTS Credits: 2.0
Face-to-face classroom percentage: 30%
Online platform: http://moodle.uco.es/moodlemap/

LECTURER INFORMATION

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Name: GÓMEZ PARRA, MARÍA ELENA
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PREREQUISITES AND RECOMMENDATIONS

Prerequisites established in the study plan
None

Recommendations
None specified

INTENDED LEARNING OUTCOMES

CG4 To obtain the theoretical knowledge, the assimilation of contents, and the practical tools to implement and assess research and practice based on data, in order to promote the improvement and continuous development of good practices in professional environments.

CG6 To obtain and understand the knowledge about different cultural traditions and increase intercultural awareness within the family context and future generations in order to achieve a better disposition to accept differences.

CB10 To develop the learning skills which will allow students to continue studying in a self-directed or autonomous way.

CT2 To develop a conceptual, procedural and attitudinal command for the professional exercise of teamwork, as well as for the effective and positive interaction with other people, and the creation of national and international working and research networks.

CE2 To implement their original scientific or didactic research, as well as their innovative ideas, about games, toys, early childhood education, intercultural studies, and early second language acquisition.

CE3 To develop research projects in their own countries and/or in international teams.
COURSE DESCRIPTION

OBJECTIVES

1. To know the different theories that support research and practice based on quantitative data.
2. To consider the different research hypotheses and statistical hypotheses that can be subjected to empirical contrast, establishing the necessary relationships among the different variables.
3. To know and start in the effective management of different tools and statistical packages for data analysis.

CONTENT

1. Theory contents
   1. Fundaments of quantitative research.
   2. The first phase of the research: design, sample, and questionnaires.
   4. Introduction to data analysis.

2. Practical contents
   1. Quantitative research designs.
   2. Types of study variables.
   3. Basic descriptive statistics.

METHODOLOGY

Clarifications
Part-time students must submit a dossier of practices and pass the final exam of the subject.

Face-to-face activities

<table>
<thead>
<tr>
<th>Activity</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Conference</td>
<td>2</td>
</tr>
<tr>
<td>Group work (cooperative)</td>
<td>1</td>
</tr>
<tr>
<td>Lab practice</td>
<td>2</td>
</tr>
<tr>
<td>Lectures</td>
<td>7</td>
</tr>
<tr>
<td>Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Tutorials</td>
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<tr>
<td><strong>Total hours</strong></td>
<td><strong>15</strong></td>
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Off-site activities

<table>
<thead>
<tr>
<th>Activity</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Self-study</td>
<td>35</td>
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COURSE DESCRIPTION

<table>
<thead>
<tr>
<th>Activity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total hours</strong></td>
<td>35</td>
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</tbody>
</table>

WORK MATERIALS FOR STUDENTS

- Exam
- Exercises and activities
- Oral presentations

EVALUATION

<table>
<thead>
<tr>
<th>Tools</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments and projects</td>
<td>30%</td>
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<tr>
<td>Final exam</td>
<td>60%</td>
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<tr>
<td>Group work</td>
<td>10%</td>
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**Period of validity for partial qualifications:**

No se realizarán pruebas parciales

**Clarifications:**

The University of Córdoba has regulations into force regarding fraud, cheating and plagiarism. Students who have committed serious fraud may even fail the subject. It is therefore important that students follow all these academic rules, including those related to repeated absence to the lessons or any alteration of the Basic Rules of Coexistence recognized in the Coexistence Regulations of the University of Córdoba (BOUCO, July 1, 2016).

BIBLIOGRAPHY

1. **Basic Bibliography**
   
   

2. **Further reading**
   
   

The methodological strategies and the evaluation system contemplated in this Course Description will be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required.