Teaching guide

IDENTIFICATION DETAILS

Degree: Child Education

Field of Knowledge: Social and Legal Science

Faculty/School: Education and Humanities

Course: 

Type: Compulsory  
ECTS credits: 6

Year: 3  
Code: 7332

Teaching period: Fifth semester

Area: Learning of Natural Sciences, Social Sciences and Mathematical Sciences

Module: Teaching and discipline

Teaching type: Classroom-based

Language: Spanish

Total number of student study hours: 150

SUBJECT DESCRIPTION

The main objective of the course is to equip students with the necessary skills to generate programmes and activities suitable for the development of mathematical logical thinking in infant education. The course therefore involves content which enables students to identify and appreciate the aspects of the development of mathematical-logical thinking and to have the strategies and resources necessary for their implementation in the classroom.

SKILLS

Basic Skills
Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks.

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study.

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues.

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience.

Students must have developed the learning skills needed to undertake further study with a high degree of independence.

General Skills

- To be familiar with the goals, syllabus content and assessment criteria of early childhood education.
- To reflect on classroom practices to innovate and improve teaching duties. To acquire habits and skills for independent, cooperative learning and to foster this learning process among pupils.
- To promote and encourage learning in early childhood, from a comprehensive, inclusive perspective encompassing the various cognitive, emotional, psychomotor and volitional dimensions.

Specific skills

- To be familiar with the scientific, mathematical and technological foundations of the syllabus of this stage, as well as the theories on the acquisition and development of the respective knowledge gained.
- To be familiar with the teaching strategies for developing numerical representations and spatial, geometric and logical development notions.

DISTRIBUTION OF WORK TIME

<table>
<thead>
<tr>
<th>CLASSROOM-BASED ACTIVITY</th>
<th>INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY</th>
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<tbody>
<tr>
<td>60 hours</td>
<td>90 hours</td>
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