

Course



1161102 - Didactics and Educational Innovation

### Information about the subject

Degree: Bachelor of Arts Degree in Primary School Education

Faculty: Faculty of Teacher Training and Education Sciences

Code: 1161102 Name: Didactics and Educational Innovation

Credits: 6,00 ECTS Year: 1 Semester: 2

**Module:** Educational processes and contexts

**Subject Matter:** Education **Type:** Basic Formation

Field of knowledge: Social and Legal Science

Department: -

Type of learning: Classroom-based learning / Online

Languages in which it is taught: Spanish

### Lecturer/-s:

| 116A   | Isabel Fuster Palacios (Responsible Lecturer)         | isabel.fuster@ucv.es    |
|--------|---|-------------------------|
| 116AA  | Noelia Martinez Hervas (Responsible Lecturer)         | noelia.martinez@ucv.es  |
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| 116G   | Miguel Angel Jiménez Rodríguez (Responsible Lecturer) | mangel.jimenez@ucv.es   |
| 116OL1 | Remedios Aguilar Moya (Responsible Lecturer)          | remedios.aguilar@ucv.es |
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### **Module organization**

### **Educational processes and contexts**

| Subject Matter | ECTS  | Subject  | ECTS | Year/semester |
|----------------|-------|--|------|---------------|
| Education      | 24,00 | Design and Evaluation of Educational Action Plans                  | 6,00 | 2/2           |
|                |       | Didactics and<br>Educational Innovation                            | 6,00 | 1/2           |
|                |       | Educational Fundamentals and School Organisation                   | 6,00 | 1/1           |
|                |       | Teaching-Learning Processes in the Classroom: Techniques and Tools | 6,00 | 2/2           |

### Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Recognizes the function and characteristics of didactics and the curriculum within the current legislative framework.
- R2 Designs and defends a Didactic Unit based on the official curriculum from a competency-based approach, properly aligned and using the learned methodologies and evaluation systems.
- R3 Explains the characteristics of various current methodological systems, showing their potential and applying them to simulated contexts.
- R4 Reflects on the importance of didactics, the curriculum, and programming from current approaches, acknowledging their significance for educators.



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## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

| GENER | AL   | Wei | ghtin | 9 |
|-------|--|-----|-------|---|
|       |  | 2   | 3     | 4 |
| CG1   | Understand the curricular areas of Primary Education, the interdisciplinary relationship between them, the evaluation criteria, and the body of didactic knowledge around the respective teaching and learning procedures. |     |       | x |
| CG2   | Design, plan, and evaluate teaching and learning processes, both individually and in collaboration with other teachers and professionals from the school.  |     |       | x |
| CG4   | Design and regulate learning spaces in diverse contexts that address gender equality, equity, and respect for human rights, which form the values of citizenship education.  |     | X     |   |
| CG10  | Reflect on classroom practices to innovate and improve teaching work. Acquire habits and skills for autonomous and coopoerative learning and promote it among students.  |     |       | x |

| SPECIF | FIC CONTRACTOR OF THE PROPERTY |   | Weig | hting | 9 |
|--------|--|---|------|-------|---|
|        |  | 1 | 2    | 3     | 4 |
| CE4    | Know the current proposals and developments based on competency-based learning.  |   |      |       | X |
| CE5    | Identify and plan the resolution of educational situations affecting students with different abilities and learning rhythms.   |   |      |       | x |
| CE7    | Know the fundamentals of primary education. Analyze teaching practice and the institutional conditions that frame it.  |   |      | X     |   |
| CE11   | Promote cooperative work and individual effort in students.  |   |      |       | X |
| CE14   | Design, plan, and evaluate teaching activity and learning in the classroom.  |   |      |       | X |
| CE15   | Know and apply innovative experiences in primary education.  |   |      |       | x |



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CE17 Know and apply basic methodologies and techniques of educational research and be able to design innovation projects identifying evaluation indicators.

X





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## Assessment system for the acquisition of competencies and grading system

### In-class teaching

| Assessed learning outcomes | Granted<br>percentage | Assessment method   |
|----------------------------|-----------------------|---|
| R1, R4                     | 10,00%                | Solution of practical cases: Execution tests, real and/or simulated tasks.  |
| R3                         | 20,00%                | Oral presentation of group and individual works: Self-assessment systems (oral, written, individual, in groups). Oral tests (individual, in groups, presentation of topics or works). |
| R1                         | 50,00%                | Written tests: Objective tests with short and extended responses.   |
| R3                         | 20,00%                | Projects. Development and/or design works.  |

#### **Observations**

### a) SPECIFICATION OF ASSESSMENT SYSTEMS:

Solution of practical cases: Class activities. Readings and reflections. 10%

Oral presentation of group work: group oral presentation of the methodology chosen 20%.

Written tests: Theoretical objective tests on the subjects: 20%.

Practical test on the application and reflection of the Programming Unit: 30%.

Work on the design of a Programming Unit. 20%

- b) In order to pass the subject, it will be necessary to obtain a grade equal to or higher than 5 points in each of the sections of the evaluation system.
- c) In order to pass the subject, it is necessary to demonstrate in all oral and written productions an advanced level of linguistic proficiency, so as to achieve level C1 at the end of the Degree, as required by the official Degree Report. Therefore, each spelling mistake will be penalised with 0.50 points in assignments and exams. Three missing accents will be equivalent to one spelling mistake.

Translated with www.DeepL.com/Translator (free version)

### Online teaching

| Assessed learning outcomes | Granted percentage | Assessment method   |
|----------------------------|--------------------|---|
| R1, R4                     | 20,00%             | Written tests: short-answer objective tests, developmental tests. Projects. Reports/Practical reports. Design work, development |



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| R2     | 20,00% | Solution of practical cases: Performance tests of real and/or simulated tasks.   |
|--------|--------|--|
| R2, R3 | 20,00% | Exposición oral de trabajos grupales e individuales: sistemas de autoevaluación (oral, escrita, individual, en grupo). Pruebas orales (individual, en grupo, presentación de temas-trabajos) |
| R4     | 10,00% | Monitoring of student work in non-face-to-face/distance sessions: Observation techniques, rubrics, checklists. Portfolios.   |
| R2     | 30,00% | Projects. Development and/or design works.   |

#### **Observations**

### a) SPECIFICATION OF EVALUATION SYSTEMS:

Objective tests: 20%.

Performance tests: Developmental exam. 20%

Oral presentation of group work. 20%

Monitoring of work: reflection on a scientific article and a press release. 10%

Projects: Programming Unit. 30%

- b) In order to pass the subject, it will be necessary to obtain a grade equal to or higher than 5 points in each of the sections of the evaluation system.
- c) In order to pass the subject, it is necessary to demonstrate in all oral and written productions an advanced level of linguistic proficiency, so as to achieve level C1 at the end of the Degree, as required by the official Degree Report. Therefore, each spelling mistake will be penalised with 0.50 points in assignments and exams. Three missing accents will be equivalent to one spelling mistake.

#### **CRITERIA FOR THE AWARDING OF HONOURS:**

As a sign of academic exceptionality, the Honour's Degree will be awarded to the student who, in addition to obtaining a maximum mark in the above criteria, is considered by the teacher to be worthy of such a distinction. And, in accordance with the general regulations which indicate that only one matriculation of honour can be awarded for every 20 students, not per fraction of 20, with the exception of the case of groups of less than 20 students in total, in which one matriculation can be awarded.



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## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

| M1  | Participatory Master Class     |  |
|-----|--------------------------------|--|
| M2  | Case Study                     |  |
| МЗ  | Project-based Learning         |  |
| M4  | Learning Contracts             |  |
| M5  | Seminar Work                   |  |
| M6  | Problem-based Learning         |  |
| M7  | Cooperative/Collaborative Work |  |
| M9  | Group and Individual Tutoring  |  |
| M10 | Individual Tutoring            |  |
| M11 | Participatory Master Class     |  |
| M13 | Seminar Work                   |  |
| M15 | Project-based Learning         |  |
| M16 | Learning Contracts             |  |
| M18 | Cooperative/Collaborative Work |  |
| M19 | Individual Tutoring            |  |



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M20 Group and Individual Tutoring



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| IN-CLASS LEARNING   |                          |                         |                                      |
|---|--------------------------|-------------------------|--------------------------------------|
| IN-CLASS LEARNING ACTIVITIES  |                          |                         |                                      |
|   | LEARNING OUTCOMES        | HOURS                   | ECTS                                 |
| Group Work Presentation<br><sup>M7</sup>  | R2, R3                   | 4,00                    | 0,16                                 |
| Theoretical Class<br><sup>M1</sup>  | R1, R2                   | 15,00                   | 0,60                                 |
| Practical Class<br>M2, M7   | R2, R3                   | 35,00                   | 1,40                                 |
| Tutoring<br>M9, M10   | R2                       | 4,00                    | 0,16                                 |
| Evaluation  | R1, R2, R3, R4           | 2,00                    | 0,08                                 |
| M2, M4, M6  |                          |                         |                                      |
| M2, M4, M6 TOTAL  LEARNING ACTIVITIES OF AUTONOMOUS W                               | ORK                      | 60,00                   | 2,40                                 |
| TOTAL  LEARNING ACTIVITIES OF AUTONOMOUS W  | LEARNING OUTCOMES        | HOURS                   | ECTS                                 |
| TOTAL   |                          |                         | ECTS                                 |
| TOTAL  LEARNING ACTIVITIES OF AUTONOMOUS WO  Group work                             | LEARNING OUTCOMES        | HOURS                   | ECTS                                 |
| LEARNING ACTIVITIES OF AUTONOMOUS WO Group work M3, M7, M9 Individual work          | LEARNING OUTCOMES R2, R3 | HOURS<br>40,00          | 1,60<br>2,00                         |
| LEARNING ACTIVITIES OF AUTONOMOUS WO  Group work M3, M7, M9  Individual work M2, M4 | LEARNING OUTCOMES R2, R3 | HOURS<br>40,00<br>50,00 | 2,40<br>ECTS<br>1,60<br>2,00<br>3,60 |
| LEARNING ACTIVITIES OF AUTONOMOUS WO  Group work M3, M7, M9  Individual work M2, M4 | LEARNING OUTCOMES R2, R3 | HOURS<br>40,00<br>50,00 | 1,60<br>2,00                         |



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|  | TIOTIOE BIGGORIO GITA EGGO |       |      |
|--|----------------------------|-------|------|
| ON-LINE LEARNING                                 |                            |       |      |
| SYNCHRONOUS LEARNING ACTIVITIES                  |                            |       |      |
|  | LEARNING OUTCOMES          | HOURS | ECTS |
| Theoretical class (e-learning mode) M11          | R1, R3, R4                 | 20,00 | 0,80 |
| Practical class (e-learning mode) M15, M18       | R2, R4                     | 30,00 | 1,20 |
| Individual tutoring (e-learning mode) M19        | R4                         | 7,00  | 0,28 |
| Evaluation (e-learning mode) M16, M19            | R1, R2, R3, R4             | 3,00  | 0,12 |
| TOTAL  |                            | 60,00 | 2,40 |
|  |                            |       |      |
| ASYNCHRONOUS LEARNING ACTIVITIES                 |                            |       |      |
|  | LEARNING OUTCOMES          | HOURS | ECTS |
| Individual work Activities (e-learning mode) M16 | R1, R4                     | 52,50 | 2,10 |
| Group Work (e-learning mode) M20                 | R2, R3                     | 37,50 | 1,50 |
| TOTAL  |                            | 90,00 | 3,60 |
|  |                            |       |      |
|  |                            |       |      |
|  |                            |       |      |
|  |                            |       |      |
|  |                            |       |      |



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## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

| Content block                             | Contents  |
|---|---|
| DIDACTICS AND CURRICULUM                  | The role of didactics and its components.  The curriculum in education. Sources, elements and levels.   |
| THE CURRICULUM IN EDUCATIONAL LEGISLATION | Design, development and evaluation of the learning-centred curriculum.  Legislative framework.  Development of the Primary Education Curriculum Decree.                     |
| TEACHING-LEARNING<br>METHODOLOGIES        | Innovation: approaches and current affairs. Methodology as a means to enable innovation.  Methodologies focused on learning.  Educational evaluation.  Specific vocabulary. |
| DIDACTIC PROGRAMMING                      | The competence-centred curriculum.  Design of learning situations.  Process of elaboration of Programming Units.  |



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### Temporary organization of learning:

| Block of content                          | Number of sessions | Hours |
|---|--------------------|-------|
| DIDACTICS AND CURRICULUM                  | 6,00               | 12,00 |
| THE CURRICULUM IN EDUCATIONAL LEGISLATION | 6,00               | 12,00 |
| TEACHING-LEARNING METHODOLOGIES           | 8,00               | 16,00 |
| DIDACTIC PROGRAMMING                      | 10,00              | 20,00 |

### References

### **BIBLIOGRAPHY**

De La Herran, P.L. (Coord) (2008). *Didáctica General. La práctica de la enseñanza en Educación Infantil, Primaria y Secundaria*. McGraw Hill

Jiménez Rodríguez, M.A. (Coord.) (2019). *Programar al revés. El Diseño Curricular desde lo aprendizajes*. Narcea

Jiménez Rodríguez, M.A. (2019). El diseño de Unidades Didácticas hoy. La alineación del currículo al servicio de los aprendizajes. Tirant Humanidades

Medina y Mata, F. S. (Coord) (2009). Didáctica General. Pearson-UNED

Sánchez Huete, J.C. (Coord.) (2008). Compendio de Didáctica General. CCS

#### **READINGS**

Colección de textos y artículos elaborado por los docentes.

Gerver, R. (2016). *Crear hoy la escuela del mañana. La educación y el futuro de nuestros hijos.* Biblioteca de Innivación Educativa. SM.

Sánchez-Rivas, E. (2014). Ideas creativas para educar. Ediciones Aljibe.



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### Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

<u>Situation 1: Teaching without limited capacity</u> (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

<u>Situation 2: Teaching with limited capacity</u> (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

Kaltura

### 1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

| n the pa | articular case of this subjec | t, these videoconfer | ences will be made thr | ough: |
|----------|-------------------------------|----------------------|------------------------|-------|
| Х        | Microsoft Teams               |                      |                        |       |
|          |                               |                      |                        |       |



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### Situation 3: Confinement due to a new State of Alarm.

In this case, the following changes are made:

### 1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

| χ Microsoft Teams                         |  |
|---|--|
| Kaltura                                   |  |
|   |  |
| Explanation about the practical sessions: |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |



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## 2. System for Assessing the Acquisition of the competences and Assessment System

| ONSITE WORK |  |
|-------------|--|
|-------------|--|

| CNOTE WORK                      |  |                      |                                      |                        |  |  |
|---------------------------------|--|----------------------|--------------------------------------|------------------------|--|--|
| Regarding the Assessment Tools: |  |                      |                                      |                        |  |  |
| X                               | The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus. |                      |                                      |                        |  |  |
|                                 | The following changes will be made to adapt the subject's assessment to the online teaching.                                       |                      |                                      |                        |  |  |
|                                 | Course guide   |                      | Adaptation                           |                        |  |  |
|                                 | Assessment tool  | Allocated percentage | Description of the suggested changes | Platform to be<br>used |  |  |
|                                 |  |                      |                                      |                        |  |  |

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

### **Comments to the Assessment System:**



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| ONLINE WORK                     |   |                      |                                      |                        |  |  |
|---------------------------------|---|----------------------|--------------------------------------|------------------------|--|--|
| Regarding the Assessment Tools: |   |                      |                                      |                        |  |  |
| Х                               | $\chi$ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus. |                      |                                      |                        |  |  |
|                                 | The following changes will be made to adapt the subject's assessment to the online teaching.  |                      |                                      |                        |  |  |
|                                 | Course guide  |                      | Adaptation                           |                        |  |  |
|                                 | Assessment tool   | Allocated percentage | Description of the suggested changes | Platform to be<br>used |  |  |

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

### **Comments to the Assessment System:**