

63315 - Information and Communication Technologies for Learning

Syllabus Information

Academic year: 2024/25

Subject: 63315 - Information and Communication Technologies for Learning

Faculty / School: 107 - Facultad de Educación

202 - Facultad de Ciencias Humanas y de la Educación

301 - Facultad de Ciencias Sociales y Humanas

Degree: 584 - Master's Degree in Teaching Compulsory Secondary Education

585 - Master's Degree in Teaching Compulsory Secondary Education

590 - University Master's Degree in Teaching, specializing in Geography and History

591 - Master's Degree in Teaching, specializing in Philosophy

592 - Master's Degree in Teaching, specializing in Business and Economics

593 - Master's Degree in Teaching, specializing in Mathematics

594 - Master's Degree in Teaching, specializing in Technology and Computer Science

595 - Master's Degree in Teaching, specializing in Biology and Geology

596 - Master's Degree in Teaching, specialization in Physics and Chemistry

597 - Master's Degree in Teaching, specializing in Spanish Language and Literature. Latin and Greek

598 - Master's Degree in Teaching, specialization in Foreign Language: French

599 - Master's Degree in Foreign Language Teaching: English

600 - University Master's Degree in Teaching, specializing in Music and Dance

601 - University Master's Degree in Teaching, specializing in Industrial and Construction Processes

602 - University Master's Degree in Teaching, specializing in Administration, Marketing, Tourism, Services to the Community and FOL

603 - Master's Degree in Teaching, specializing in Sanitary, Chemical, Environmental and Health Processes Agri-

food

ECTS: 3.0

Year: 1

Semester: Second semester

Subject type: Optional

Module:

1. General information

The general objective of the subject is to develop in the student the ability to analyse, evaluate and integrate technologies in their daily work as teachers of ESO, Bachillerato or Professional Training Throughout the same different technological resources are presented that can be useful to the teacher:

The ultimate goal is to ensure that the student is in a position to analyse and use basic tools and resources to promote the learning of their future students and, at the same time, given the speed with which new tools and resources become available to be able to update their knowledge

Briefly, the three main objectives are as follows:

- To know the main technological elements that can be used as didactic resources in teaching.
- To know the applications of the mentioned didactic resources, as well as their adequate use and exploitation in teaching
- To adequately integrate resources and tools in the teaching and learning process.

2. Learning results

- Analyse and design strategies for the integration of ICT in teaching and learning processes
- Design, update and apply digital resources and materials for the development of teaching and learning processes
- Analyse and evaluate ICT alternatives for pedagogical innovation.

3. Syllabus

1. Sense of technologies in Education.
2. Representation of information through ICT.
3. Tools for collaboration.
4. Tools for the creation of learning environments.
5. Technology consumption habits.
6. Audiovisual teaching materials.

4. Academic activities

Each week the theoretical contents will be presented, and practices will be carried out in relation to the following theoretical contents:

- Select and organize information.
- Maps, timelines and word clouds.
- Presentations and Infographics.
- Tools for collaboration.
- Creation of surveys, questionnaires and learning activities.
- Living and Coexisting in the digital environment.
- Audiovisual teaching materials.

5. Assessment system

Continuous evaluation

Practice portfolio. The date and time of delivery of the portfolio of practices will be indicated by the teachers in each group, according to the development of the subject. The portfolio accounts for 100% of the grade

Global evaluation and second call

It consists of two tests:

1. Written test on the theoretical contents of the subject. This written test will consist of several development questions related to the theoretical and practical contents of the subject. The grade of the written test will be from 0 to 10 and will represent 50% of the student's final grade.
2. Portfolio of practices that compiles all the practices carried out in the subject and the justification of its elaboration. In that case, the portfolio grade will be from 0 to 10 and will account for 50% of the student' final grade.

Fifth and sixth calls

In the same terms as the global evaluation.

Finally, it should be taken into account that the Regulation of the Rules for the University of Saragossa to the irregularities committed in the evaluation tests by means of academic fraud, as well as the application of article 30 of the evaluation tests through academic fraud, as well as the application of Article 30 of the Regulations of the Of the Learning Assessment Standards in relation to irregular practices other than academic fraud

6. Sustainable Development Goals

- 4 - Quality Education
- 10 - Reduction of Inequalities