

Academic Year/course: 2023/24

63300 - Design of Learning Activities for Health, Chemical, Environmental and Agri-food Processes

Syllabus Information

Academic year: 2023/24

Subject: 63300 - Design of Learning Activities for Health, Chemical, Environmental and Agri-food Processes

Faculty / School: 107 - Facultad de Educación

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

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

ECTS: 8.0

Year: 1

Semester: Second semester

Subject type: Optional

Module:

1. General information

The general objective of the subject is to acquire the concepts, criteria and tools necessary to analyse different didactic methodologies of Professional Training, allowing the student to choose and plan the most appropriate ones according to the context and the content, maintaining a critical, creative and constructive attitude towards the teaching practice.

These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 (<https://www.un.org/sustainabledevelopment/es/>), so that the acquisition of the learning results of the subject provides training and knowledge, skills and competencies to contribute to some extent to the achievement of Goal 3: Health and wellness; Goal 4: Quality Education; Goal 5: Gender Equality; Goal 10: Reduction of inequalities.

2. Learning results

1. Explain the specific characteristics and difficulties of learning the corresponding subjects, establishing their relationship with the characteristics of the content to be taught and with the teaching processes followed.
2. Describe and critically comment on activities and resources for learning the corresponding subjects, related to different types of objectives, methodologies and learning styles.
3. Describe assessment tools and procedures and critically comment on them in terms of their appropriateness for different types of educational objectives
4. Design teaching proposals on the corresponding subjects, following the principles and criteria previously established in the theoretical framework of the corresponding specific didactics.
5. Know and contribute to the achievement of the Sustainable Development Goals (SDGs) from the professional practice and personal life.

3. Syllabus

- Organization, educational offer and problems of the specialty.
- The initial evaluation of students.
- Parts and design of a didactic programming of a professional module of a title of the professional family.

Competencies and curriculum.

- The teaching-learning process, the didactic strategy and the design of activities.
- Didactic Units.
- Development of activities in the specialty.
- Organization, management and development of activities in the professional family and orientation of the students' work process within the framework of the methodology.

4. Academic activities

Lectures (32 h): presentation of the contents of the subject with a practical orientation towards the design of activities

Practical classes (48 h): practical sessions aimed at the design of teaching-learning activities (E-A) and evaluation, contextualized in a professional module (PM).

Directed work (32 h): focused on the development of E-A activities and evaluation of a didactic unit of a PM: Individual study (80 h)

Evaluation tests (8 h)

5. Assessment system

It will be evaluated by means of the following activities (in all of them, a minimum of 4 out of 10 is required to obtain an average): Reflective analysis (20% of the grade)

Individual reflective work on the activities performed and the feedback received from the teacher. The following will be evaluated: quality of the reflections, evaluation of the results and analytical, critical and self-critical capacity.

Teaching-learning and evaluation activities (50% of the grade).

Complete design of the set of teaching-learning activities evaluation of a didactic unit of a professional module . The following will be evaluated: applicability of the proposals designed, planning, sequencing and timing of contents, description of proposed innovative methodologies and necessary resources, attention to diversity, didactic materials developed and bibliography used. The work can be group work (maximum 3 people).

Oral presentation (30% of the grade). Oral defence of the didactic proposal (maximum time 15 minutes), co-evaluated by the rest of the students. The following will be evaluated: clarity and rigor of the information presented, appropriateness to the time allotted, relevance and originality of the resources used, interest generated, enthusiasm for the topic, eye contact and use of voice.

In group presentations, coordination in the intervention.

In any case, as part of the evaluation, the teacher may request, at random, the oral defence of the test or assignment submitted in writing, for the verification of the grade.

If any of these activities are not passed during the semester, they can be recovered in the global test of the two official calls. These evaluation criteria are the same for students in the 5th and 6th call.

Finally, it must be taken into account that the Regulations of the Norms of Coexistence of the University of Zaragoza will be applicable to the irregularities committed in the evaluation tests by means of academic fraud, as well as the application of article 30 of the Regulations of the Norms of Evaluation of Learning in relation to irregular practices other than academic fraud.