

63306 - Thinking Skills: Development in the Teaching and Learning Process

Syllabus Information

Academic year: 2023/24

Subject: 63306 - Thinking Skills: Development in the Teaching and Learning Process

Faculty / School: 107 - Facultad de Educación

Degree: 584 - 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: First semester

Subject type: Optional

Module:

1. General information

The general objective of this subject is for the student to analyse and understand the importance of the development of thinking skills in the teaching-learning process, to learn to think and to teach how to think in the teaching-learning process, so that they not only transmits knowledge but also favours the development of thinking skills of the students.

It is an eminently practical subject, in which starting from the analysis and knowledge of the concept of thinking, aptitudes, styles and thinking skills, activities are designed to be implemented in the classroom to teach how to think and to develop thinking skills

Due to the practical nature of the subject, class attendance is necessary, since daily activities are carried out individually and/or in groups.

These approaches and objectives are aligned with Goal 4 "Quality Education" of the SDGs.

2. Learning results

In order to pass this subject, students must demonstrate the following results:

- To be able to analyse and interpret the concept of thinking, aptitudes, styles and abilities of thinking.
- To be able to analyse and explain the main characteristics of thinking skills, as well as how to develop them in students during the teaching-learning process.
- To be able to design, explain and expose, collaboratively and/or individually, the development of activities to teach and learn to think in the teaching-learning process.

The learning results obtained by taking this subject favour the development of professional and personal competencies Developing thinking skills, as well as learning to think, favours psychological and personal development.

3. Syllabus

The theoretical-practical topics that make up the program of the subject are the following:

1. Concept of thought
2. Thinking skills, styles and abilities
3. Development of thinking skills

4. Concept and development of convergent thinking skills
5. Concept and development of metacognitive skills
6. Concept and development of divergent-creative thinking skills
7. Learning and teaching to think.

4. Academic activities

The presentation of contents and the exchange of ideas are combined with application practices in the classroom related to the contents presented, individual and group work, and the sharing of ideas.

Different techniques will be used: Bibliographic search. Document analysis. Case studies. Group dynamics.

Oral presentations. Carrying out in class different activities that teach how to think and favour the development of the thinking skills. Creation and planning of activities, by the students, of certain topics of the curriculum of their specialty that teaches them to think and favours the development of thinking skills.

5. Assessment system

CONTINUOUS ASSESSMENT

1- Practical activities carried out in class individually and/or in groups.

- Weight of the total grade 40%.

2- Development of ten activities to teach and learn to think in the teaching-learning process, related to the specialty being studied in the master's degree. They will be carried out on a blended basis.

- Weight of the total grade 20%.

3- Oral presentation of activities.

- Weight of the total grade 10%.

4- Written Test.

- It will consist of two developmental questions in which the student must demonstrate knowledge of the subject and the understanding and critical reflection of such knowledge, as well as the applicability of such knowledge to teach and learn to think in the teaching-learning process of the students.

Duration of the test: 1 hour.

- Weight of the total grade 30%.

GLOBAL TEST

1- Work done individually, on the theoretical basis and the development of activities to teach and learn to think in the teaching-learning process

- Weight of the total grade 40%.

2- Oral presentation of the work.

- Weight of the total grade 10%.

3- Written Test.

- It will consist of four developmental questions in which the student must demonstrate knowledge of the subject and the understanding and critical reflection of such knowledge, as well as the applicability of such knowledge to teach and learn to think in the teaching-learning process of the students

Duration of the test: 2 hours.

- Weight of the total grade 50%.

SECOND CALL

Students who do not pass the subject in the first call, must take, for the second call of the same academic year, the Test, Activities and/or Work pending recovery corresponding to each one of the Evaluation Activities.

FIFTH AND SIXTH CALLS

The same activities and criteria as in the global test.

In order to pass the subject, at least 50% of the value of each of the Evaluation Activities must be obtained, both in the Continuous Evaluation and in the Global Test.

Important: Finally, it should be noted that the Rules of Coexistence Regulations of the University of Zaragoza will apply to irregularities committed in the evaluation tests through academic fraud, as well as the application of Article 30 of the Rules of Learning Evaluation Regulations in relation to irregular practices other than academic fraud.