

Degree	Type	Year	Semester
4313815 Research in Education	OT	0	1

Contact

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Use of languages

Principal working language: catalan (cat)

Other comments on languages

Es promourà la lectura d'articles en llengua anglesa i la participació de professorat estranger que utilitza per comunicar-se

Teachers

Mercè Izquierdo Aymerich
Conxita Márquez Bargalló
Neus Sanmartí Puig
Maria Isabel Hernandez Rodriguez

Prerequisites

They are not necessary

Objectives and Contextualisation

This is a compulsory module within science education and it is an elective for the rest of specialities. This module acts as an introduction aiming at providing students with the basic ideas of science and environmental education research. The module focuses on facilitating students the access to science education research literature so that they can use it in the development of the master's research project. In addition the module aims at providing students with a retrospective vision of the field and to represent it in constant evolution so that it meets the goals formal and informal science and environmental education. Finally the module aims at providing students with opportunities to develop the competence of writing, talking and reading in science and environmental education research as a way to confront successfully their own research projects.

Content

This module will deal with the following thematic areas such as the changes in the visions about science and school science and how these visions have influenced the didactics of science field; the goals of science education, its changes along the development of the field, and their most recent focus on scientific competence; and finally the science teaching and learning approaches supported by the latest development within the field. More specifically the content will approach the following:

- Introduction to Didactics of Science I and II
- Theoretical approaches on science teaching and learning I, II and II
- Trends in science education research: I, II and III