

SCIENTIFIC RESEARCH METHODS AND TOOLS FOR ICZM

Credits: 4,0 ECTS

Detailed programme:

LEARNING BLOCK	TOPIC OR ACTIVITY
B1	Foundations of the hypothetico-deductive method (I).
B2	Foundations of the hypothetico-deductive method (II).
B3	Key milestones in the methodological and epistemological evolution (I).
B4	Key milestones in the methodological and epistemological evolution (I).
B5	Orientations for the development of scientific texts: writing and oral presentation (general and linguistic features).
B6	Technical guidelines for information integration and formal aspects of scientific texts.
B7	Orientations for the development of scientific texts: writing and oral presentation (general and linguistic features). Practical class.
B8	Technical guidelines for information integration and formal aspects of scientific texts. Practical class.
B9	Structure and development of scientific studies: (I) the introduction (brief description of the topic and its limits, justification of the choice); (II) the development of a working hypothesis and objectives.
B10	Structure and development of scientific studies: (III) the methods used (from the general to the specific).
B11	Structure and development of scientific studies: (IV) the presentation of the results obtained in the hypothesis verification process: clarity, synthesis and order.
B12	Structure and development of scientific studies: (V) discussion of the results (justification and demonstration of all the results presented). (VI) Final conclusions.
B13	Structure and development of scientific studies: case study I.
B14	Structure and development of scientific studies: case study II.

Evaluation system:

SYSTEM	WEIGHT
Written essays	40 – 60
Presentation and/or defence of exercises, topics and projects	20 – 40
Attendance and participation in theory and practical classes, seminars, mentoring and other complimentary activities	0 – 20