LEARNING PROGRAMME

Teaching Climate Change Across the Curriculum (Interdisciplinary Approaches for Sustainable Education)

5-DAY COURSE

25 learning hours | Course programme

Teaching Climate Change Across the Curriculum (Interdisciplinary Approaches for Sustainable Education) – 5-Day Course

Introduction and Description

This is a structured short-term professional development course aimed at supporting teachers, trainers, and educational staff in integrating climate change education across subject areas within a focused and time-efficient framework. The course is designed for educators who seek to strengthen their capacity to address climate change as a cross-curricular theme while working within existing curricular constraints and institutional realities.

The programme introduces participants to climate change as an educational challenge that extends beyond disciplinary boundaries and requires coherent interdisciplinary responses. Participants explore how climate-related topics can be meaningfully connected across different curriculum areas, such as sciences, humanities, social sciences, languages, and the arts, without overloading curricula or compromising subject integrity. Particular attention is given to identifying realistic entry points for interdisciplinary integration and to understanding how climate change can function as a unifying theme that supports curricular coherence rather than fragmentation.

During the five days, the course focuses on the essential pedagogical principles of interdisciplinary teaching, including curriculum mapping, inquiry-based learning, and collaborative planning. Participants are supported in analysing their own curricula, identifying opportunities for interdisciplinary connections, and designing feasible learning units that can be implemented in their professional contexts. The course places emphasis on clarity of learning objectives, alignment with curricular requirements, and the balance between knowledge development, skills acquisition, and reflective engagement.

While the programme is compact in duration, it maintains an academic orientation by encouraging participants to critically reflect on the educational role of climate change, the challenges of interdisciplinary work, and the implications for teaching practice. Participants also explore issues related to learner engagement, differentiation, and the handling of complex or sensitive topics, ensuring that interdisciplinary climate education remains inclusive, pedagogically sound, and context-sensitive.

The five-day course supports educators in developing practical and transferable outcomes, enabling them to integrate climate change education across the curriculum in a structured and sustainable manner. It is particularly suited for Erasmus+ short-term mobility activities and provides participants with a solid foundation for further professional development in interdisciplinary teaching and climate education.

Methodology and Assessment

The course adopts a participatory and practice-oriented methodology combining focused theoretical inputs with interactive workshops, collaborative curriculum-design tasks, guided reflection, and peer exchange. Learning activities are structured around interdisciplinary inquiry, curriculum mapping, and the co-design of climate-related learning units applicable to participants' professional contexts.

Assessment is formative and reflective, emphasising active participation, collaborative engagement, and the quality of practical outputs developed during the course. Participants receive continuous feedback through peer review and facilitator guidance. The course concludes with the presentation and reflective discussion of participants' interdisciplinary learning designs, supporting the effective transfer of course outcomes to classroom and institutional practice.

Learning Objectives

Climate Change as an Educational Theme

Participants will:

- develop a clear understanding of climate change as a complex issue requiring interdisciplinary educational approaches;
- analyse the relevance of climate change for contemporary education across scientific, social, and cultural dimensions.

Interdisciplinary Curriculum Integration

Participants will:

- identify opportunities for integrating climate change topics across different subject areas;
- apply curriculum mapping strategies to support interdisciplinary coherence within existing curricula;
- design learning objectives that reflect interdisciplinary learning outcomes.

Pedagogical Approaches for Interdisciplinary Climate Teaching

Participants will:

- apply inquiry-based and project-based methodologies to interdisciplinary climate education;

- support the development of critical thinking and systems thinking through climate-related learning activities;
- facilitate collaborative learning processes that connect multiple disciplinary perspectives.

Inclusion and Learner Engagement

Participants will:

- design inclusive interdisciplinary learning activities that address diverse learner needs;
- apply differentiation strategies within interdisciplinary climate tasks;
- create supportive learning environments for addressing complex and sensitive climate-related topics.

Transfer to Professional Practice

Participants will:

- adapt interdisciplinary climate learning designs to their own professional and institutional contexts;
- reflect critically on implementation challenges and opportunities;
- plan concrete steps for integrating climate change education across the curriculum in a sustainable manner.

Preparation

After registration participants will receive a pre-course questionnaire which will be used by the trainer to learn about participants' teaching backgrounds and to assess their exact needs. Before the beginning of the course a basic reading list will be suggested to participants to prepare for the training. Participants will also be asked to prepare a presentation about themselves, their professional context and their culture. The presentation will be presented on the first day of the course to facilitate networking opportunities. Participants will receive information about the country they are going to visit in order to prepare them for their cultural experience.

Follow up

After the course participants will be asked to share what they have learned with the rest of the staff in their schools. Further books and articles to deepen the topic and contacts with some other practitioners all over Europe and in the world will be suggested by the

trainer. The methods shared and explored and the bibliography given will allow the participants to complete and improve their educational path.

Certificate

Certificate complies with the guidelines of the Erasmus+ programme and includes the topic, number of didactic hours, dates and location of the course. We can list the record of learning outcomes on the Europass Mobility Document on request of participants. In case a participant requires a specific format of certificate we can accommodate that if requested at least one week before the start of the course. It is necessary to attend at least 80% of the hours in order to receive the certificate.

Accommodation

We do not directly offer accommodation and subsistence and participants are responsible for organizing it by themselves.

Paperwork

We also provide all the support with paperwork you might need for your Erasmus+ project documentation such as mobility agreement and registration letter.

Fee: 400 €

Cancelation policy

We have a flexible cancellation policy in force at the moment and you can cancel your registration up to 30 days before the course and receive a full refund. In case you don't cancel the registration more than 30 days before you will not receive any refunds, but you will be able to choose to attend any other confirmed course session later (within 6 months) without any additional costs. In case you are not able to travel, your school can send someone else to take instead of you and you can change the details of the participant any time before the start of the course at no additional cost.

TENTATIVE PROGRAMME (25 didactic hours - 5*45min per day) Monday to Friday	
Day 1	Climate Change as an Interdisciplinary Educational Challenge
09.00 - 09.45	Introductions & Icebreakers
09.45 - 10.30	Course Overview & Learning Agreement
10.30 - 11.15	Climate change in the 21st century
11.15 - 11.30	Break
11.30 - 12.15	Why climate change belongs across the curriculum
12.15 - 13.00	Climate change across the curriculum
Day 2	Interdisciplinary Approaches and Curriculum Mapping
09.00 - 09.45	Understanding interdisciplinarity in education
09.45 - 10.30	Climate change as a complex educational theme
10.30 - 11.15	Curriculum mapping for climate education
11.15 - 11.30	Break
11.30 - 12.15	Identifying entry points across subjects
12.15 - 13.00	Collaborative mapping workshop
Day 3	Designing Interdisciplinary Climate Learning
09.00 - 09.45	Principles of interdisciplinary lesson and unit design
09.45 - 10.30	Learning objectives and outcomes in climate education
10.30 - 11.15	Inquiry-based and project-based approaches
11.15 - 11.30	Break
11.30 - 12.15	Drafting an interdisciplinary climate learning unit
12.15 - 13.00	Peer feedback and reflection
Day 4	Pedagogical Practice, Inclusion, and Learner Engagement
09.00 - 09.45	Engaging learners in interdisciplinary climate learning
09.45 - 10.30	Relevance, motivation, and participation
10.30 - 11.15	Inclusive approaches to climate education
11.15 - 11.30	Break
11.30 - 12.15	Differentiation and accessibility within interdisciplinary tasks

12.15 - 13.00	Addressing complexity and sensitive issues
Day 5	Individual support, presentations & Closing
09.00 - 09.45	Action Planning for School Implementation
09.45 - 10.30	Preparing the final presentations and individual support
10.30 - 11.15	Final presentations and feedback
11.15 - 11.30	Break
11.30 - 12.15	Evaluation & Reflection
12.15 - 13.00	Validation of learning outcomes and certification

*This is only a tentative timetable. The exact hours or the course might differ and will be announced for each session 2 weeks before the start. However, there will always be a total of 5 didactic hours per day and all will be in line with the Erasmus+ quality standards. The trainer might slightly modify the content in response to the needs of the group.
**Cultural and social programmes will be organized in addition to the academic programme. The exact cultural and social programme depends on the location, season, weather, etc.