

STUDY GUIDE

Education towards a sustainable future

Organised by University of Florence



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BIRMINGHAM



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OF COLOGNE



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DEGLI STUDI
FIRENZE



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Erasmus+

1. IDENTIFYING DATA	
Course/training name*	Education towards a sustainable future
Coordinating/host University*	University of Florence
Other Universities involved	Universities from EUniWell
Main Thematic Arena*	Environmental Change and Well-being
Relation with the above selected Thematic Arena	
Course/training field(s)*	Educational field, primary education field, architecture and design fields, sociology field, historical and anthropology fields, marketing and communication fields,
ISCED Code	
Related SDGs	SDG4 Quality Education, SDG13 Climate Action, SDG17 Partnership for the goals
Target audience(s)*	Students (Bachelor, Master and PhD) Teaching Staff
Number of ECTS credits allocated	3 ECTS

Other modes of certifications	Open Badge
Mode of delivery*	Blended
Language of instruction*	English
Semester*	II° semester
Course/training dates*	Virtual Part: 28/04/2025 & 19/05/2025 In person: from 05/05/2025 to 09/05/2025
Precise schedule of the lectures (Mind the time zone) *	28 April 2025 (online) 14:30 – 16:30 5 May 2025 (in Florence): 14:30 – 17:00 6 May 2025 (in Florence): 9:30 – 17:30 7 May 2025 (in Florence): 10:00 – 17:30 8 May 2025 (in Florence): 9:00 – 17:30 9 May 2025 (in Florence): 10:00 – 12:00 19 May 2025 (online) 14:30 – 17:30 Time zone GMT+1
Key words (max 5) *	Sustainability competences; change agent; experiential learning; outdoor education; internationality
Catch Phrase*	Shaping Sustainable Futures: A Blended Journey of Learning, and Global Collaboration with EUniwell Universities.
Prerequisites and co-requisites*	none
Number of EUniWell students or staff that can attend the course/training*	max 30

Course/training application procedure(s)*	Participants must apply via the EUniWell Courses and Training Catalogue
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2. CONTACT DETAILS	
Department	Department of Education, Languages, Interculture, Literatures and Psychology (FORLILPSI)
Name and email e of lecturer/trainer*	giovanna.delgobbo@unifi.it daniela.frison@unifi.it sabina.falconi@unifi.it
Name and e-mail of the catalogue coordinator*	giovanna.delgobbo@unifi.it
Other lecturers/trainers	

3. COURSE/TRAINING ABSTRACT*
The program presents a variety of activities (in presence) to develop basic skills in sustainability and sustainable development. The activities are designed in an integrated manner, involving Green Office of University of Florence and Laboratorio Didattico Ambientale della Città Metropolitana (Villa Demidoff) in the area focusing on sustainability. All activities are supported by Professors, PhD students, and Researchers. The main goal of the event is preparing future professionals to address sustainability challenges in innovative and creative ways. Through participatory methodologies such as World Café, Metaplan, workshops, and outdoor education experiences participants will be able to understand and articulate the concepts of sustainability and sustainable development. They will understand the role of education and training in cultivating a sustainability-oriented mindset, including values, beliefs and worldviews. In addition, they will be able to anticipate the potential impact of their professional actions within different contexts and communities, as well as imagine alternative futures and formulate strategies and actions for their realisation.

4. DEVELOPED SKILLS AND COMPETENCES*

Sustainability competences:

- Understanding and interpreting the idea of the future as an open opportunity to be built collectively;
- Understanding the function of educational actions and training for the change needed for the ecological transition;
- Understanding that environmental quality is linked to equity and justice and that human health is intrinsically linked to the health of the planet;
- Understanding that the skills of systemic thinking, critical thinking, and problem definition make it possible to evaluate options and make decisions;
- Being able to analyse and understand the complexity of interacting systems that influence current and future trajectories, and how these, in turn, are influenced by values, worldviews, and experiences;
- Being able to think creatively and critically about different possibilities for the future and proposals to deal with.

Soft skills:

- Teamwork, collaboration and participation, including in international and multicultural settings;
- Language and communication skills;
- Critical and systemic thinking;
- Problem posing and problem solving;
- Recognition and respect for one's own values and those of other people and cultures;
- Self-management and self-reflection;
- Learning to learn;
- Adaptability and flexibility.

5. OBJECTIVES AND LEARNING OUTCOMES*

In line with GreenComp, the training program aims to: - Promote the ability of individuals to think holistically and systemically, nurturing the critical thinking necessary to challenge unsustainable worldviews; - Encourage collaborative action, both individually and collectively, to transform society and build a sustainable and inclusive future; - Promote the development of sustainability skills as part of professional growth by training ethical change agents in various sectors, including education, business, and the social economy.

6. COURSE/TRAINING ORGANISATION

UNITS

PRE TRAINING (on-line session)

28/04/2025 – 14:30-16:30

Welcome and Opening of BIP

The Proposal of the University of Florence on Education toward a sustainable future

Giovanna Del Gobbo, Daniela Frison, University of Florence

TRAINING (in-person): 05 – 09/05/2025

Day 1

14:30-17:00 FORLILPSI Department Via Laura, 48

Welcome

Vanna Boffo - Director of Department, University of Florence

Opening

Giovanna Del Gobbo, University of Florence

Ice breaking activities

Giulia Biagi, Chiara Funari, University of Florence

Sustainable mindset development

Sabina Falconi, University of Florence

Workshop: embedded learning

Giulia Biagi, Chiara Funari, University of Florence

Day 2

9:30-12:30 FORLILPSI Department Via Laura, 48

How to build sustainability skills in professions and organizations?

Manuel Sbrigione, University of Florence

Decisional Strategies and Future Thinking: Skills for the sustainable Development

Glenda Galeotti, University of Florence

14:30-17:30 FORLILPSI Department Via Laura, 48

	<i>How to structure a skills portfolio</i> Daniela Frison, University of Florence <i>Train for the BIP and for the future: sustainability assessment skills</i> Chiara Funari, Giorgia Pasquali,, Manuel Sbriglione, University of Florence
	Day 3 10:00-17:30 Outdoor Experiential Training on Education for Sustainable Development Villa Demidoff, Parco Mediceo di Pratolino <i>Scenarios and Challenges Related to Education for Sustainable Development</i> Emanuele Sbaffi, Beatrice Donati - Center for Environmental Education "Villa Demidoff" <i>Debriefing of activities</i>
	Day 4 9:00-13:00 <i>Workshop on SDG's</i> Carlo Spellucci, University of Florence & Green Office 14.30- 17.30 Orto Botanico <i>Future Thinking Workshop</i> <i>Game Based Learning Session: Working Together to Shape Sustainable Futures</i> Silvia Mugnaini, Manuel Sbriglione, Chiara Funari, University of Florence
	Day 5 10:00-12:00 FORLILPSI Department Via Laura, 48 <i>Group work for structuring the final work (Portfolio and self-assessment tool)</i> Giovanna Del Gobbo, Chiara Funari, Manuel Sbriglione, University of Florence
POST TRAINING (on-line session)	
	19/05/2025 - 14.30 – 17.30 <i>Presentation of final work (Portfolio) and assessment of the program</i> Giovanna Del Gobbo, Daniela Frison, Chiara Funari, Giorgia Pasquali, Manuel Sbriglione, University of Florence
LEARNING RESOURCES AND TOOLS	
● Agenda 2030 ● Green Comp	

PLANNED LEARNING ACTIVITIES AND TEACHING METHODS

- Outdoor education
- game-based learning
- experiential learning
- critical reflection activities
- storytelling
- climate fiction

7. ASSESSMENT METHODS AND CRITERIA*

Radar of competences (pre and post training)

Portfolio of competences

RECOGNITION*

3 ECTS (75hrs) and upon completion of the final assignments (Portfolio of competence), students will receive a EUniWell Badge

ADDITIONAL INFORMATION

8. BIBLIOGRAPHY AND TEACHING MATERIALS

- Heiskanen, E., Thidell, Å., & Rodhe, H. (2016). Educating sustainability change agents: The importance of practical skills and experience. *Journal of Cleaner Production*, 123, 218-226.
- Janhonen-Abruquah, H., Topp, J., & Posti-Ahokas, H. (2018). Educating professionals for sustainable futures. *Sustainability*, 10(3), 592
- Milkoreit, M., Martinez, M., & Eschrich, J. (Eds.). (2016). *Everything Change: An Anthology of Climate Fiction: Featuring Stories from Arizona State University's 2016 Climate Fiction Short Story Contest*. Arizona State University.
- O'Brien, K., & Sygna, L. (2013). Responding to climate change: the three spheres of

transformation. Proceedings of transformation in a changing climate, 16, 23.

- O'Brien, K. You matter more than you think. Quantum social change for a thriving world <https://www.youmattermorethanyouthink.com>
- Perez Salgado, F., Abbott, D., & Wilson, G. (2018). Dimensions of professional competences for interventions towards sustainability. Sustainability science, 13, 163-177.
- Redman, A., & Wiek, A. (2021). Competencies for advancing transformations towards sustainability. Frontiers in Education.
- Salovaara, J. J., & Soini, K. (2021). Educated professionals of sustainability and the dimensions of practices. International Journal of Sustainability in Higher Education, 22(8), 69-87.
- Wapner, P. K., & Elver, H. (Eds.). (2016). Reimagining climate change. Oxford, UK:: Routledge.
- Woiwode, C., Schöpke, N., Bina, O., Veciana, S., Kunze, I., Parodi, O., ... & Wamsler, C. (2021). Inner transformation to sustainability as a deep leverage point: fostering new avenues for change through dialogue and reflection. Sustainability Science, 16, 841-858.

9. QUALITY ASSURANCE*

Pedagogical content developed and monitored by University of Florence.

Online survey assessing the programme