

STUDY GUIDE

Sustainability and SDGs in research and innovation

Organised by University of Murcia



UNIVERSITY OF
BIRMINGHAM



UNIVERSITY
OF COLOGNE



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DEGLI STUDI
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Universität
Konstanz



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UNIVERSITY OF SOUTHERN
CALIFORNIA



SEMMELWEIS
UNIVERSITY 1769



TARAS SHEVCHENKO
NATIONAL UNIVERSITY
OF KYIV



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Erasmus+

1. IDENTIFYING DATA	
Course/training name*	Sustainability and SDGs in Research and Innovation
Coordinating/host University*	University of Murcia
Other Universities involved	
Main Thematic Arena *	Transversal
Relation with the above selected Thematic Arena	
Course/training field(s)*	Cross-cutting training
ISCED Code	ISCED 8: Doctoral or equivalent level
Related SDGs	All of them
Target audience(s)*	PhD students from all the disciplines
Number of ECTS credits or number of hours allocated	10 Hours
Other modes of certifications	EUniWell certificate
Mode of delivery*	Online synchronous (1 session) and asynchronous
Language of instruction*	English
Semester*	Second Semester (Spring Semester)
Course/training dates*	May 20 th - May 23 nd , 2025

Precise schedule of the lectures (Mind the time zone) *	Tuesday May 20th: 12:00-13:00 GMT+1 (This session will be a synchronous session to explain the methodology and the organisation of the information for the course)
Key words (max 5) *	SDGs, sustainability in research
Catch Phrase*	Learn how to include sustainability in research projects
Prerequisites and co-requisites*	Being a PhD student
Number of EUniWell students or staff that can attend the course/training*	30 to 40
Course/training application procedure(s)*	EUniWell joint application process on EUniWell website

2. CONTACT DETAILS

Department	Department of Marketing - Universidad de Murcia
Name and email of lecturer/trainer*	Inés López López
Name and e-mail of the catalogue coordinator*	Inés López López ineslop@um.es
Other lecturers/trainers	Marcos Alonso Bote Díaz, Senior Lecturer of Sociology Francisco Javier Caballero Cano, Senior Lecturer of Fine Arts Daniel Carrillo Zapata, T.S.P.I. European University for Well-Being - Research Patricia Esteve Guirao, Lecturer in Didactics of Experimental Sciences

	Elena Dorothy Estrada Tanck, Lecturer in Financial, International and Procedural Law Francisco Antonio Guardiola Abellán, Lecturer of Cellular Biology and Histology Inés López López, Senior Lecturer in Marketing Longinos Marín Rives, Professor of Marketing José Miguel Martínez Paz, Professor of Applied Economics Juan Antonio Ortega García, Lecturer of Surgery, Paediatrics, Obstetrics and Gynaecology
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3. COURSE/TRAINING ABSTRACT*

This training aims to provide students with an overview of the 2030 Agenda and its relevance for research. Several examples in very different disciplines will be shown on the possibilities of incorporating sustainability into research projects.

4. DEVELOPED SKILLS AND COMPETENCES*

Competence to embed SDG targets and indicators in research objectives and outcomes

Ability to design innovative solutions to sustainability challenges through research

Ability to incorporate principles of sustainability in research methodologies

5. OBJECTIVES AND LEARNING OUTCOMES*

- Overview of the international framework provided by the 2030 Agenda on the concept of sustainable development.
- Comprehension of the critical role of scientific research in the achievement of the Sustainable Development Goals.
- Ability to connect the SDGs to the wide array of disciplines in which students conduct their research work.

6. COURSE/TRAINING ORGANISATION

UNITS

- | | |
|----|---|
| 1. | Introduction. The 2030 Agenda and the Sustainable Development Goals as a frame of reference |
| 2. | Research challenges in the face of the 2030 Agenda |
| 3. | Research at the University of Murcia and its relationship with the SDGs |
| 4. | Applied research on the Sustainable Development Goals |

LEARNING RESOURCES AND TOOLS

Pre-recorded videos, Complimentary material

PLANNED LEARNING ACTIVITIES AND TEACHING METHODS

The first two sessions will be devoted to contextualising the 2030 Agenda and introducing its content and scope. It will thus provide a comprehensive overview of the role of higher education institutions and the special relevance of research as a means of answering the challenges of the 169 goals associated to the Sustainable Development Goals.

The rest of the sessions will be dedicated to lectures provided by faculty from different areas who will share their experience in research projects related to the 2030 Agenda.

Students will have to attend the different modules (one general module and several discipline-specific modules) channelled through 10 asynchronous video sessions available for them in the online platform. They will be able to watch their videos at their convenience and will be given the opportunity to interact with professors to raise questions.

7. ASSESSMENT METHODS AND CRITERIA*

The evaluation of the training will be based on the mandatory viewing of the different videos, the student's participation, and the completion of an assignment

RECOGNITION*
EUniWell Certificate
ADDITIONAL INFORMATION
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8. BIBLIOGRAPHY AND TEACHING MATERIALS
Aguirre-Bastos, C., Chaves-Chaparro, J., Saito, O., & Takeuchi, K. (2019). Sustainability Science: Where and How?. <i>Codesigning Science in Africa: First Steps in Assessing the Sustainability Science Approach on the Ground</i>, 21-37. Plummer, R., Blythe, J., Gurney, G. G., Witkowski, S., & Armitage, D. (2022). Transdisciplinary partnerships for sustainability: An evaluation guide. <i>Sustainability Science</i>, 17(3), 955-967. SDSN, F. (2020). Accelerating education for the SDGs in universities: a guide for universities, colleges, and tertiary and higher education institutions. UNESCO. Guidelines on Sustainability Science and Education
9. QUALITY ASSURANCE*
The training meets all the quality requirements from Universidad de Murcia and EUniWell