



UNIVERSITATEA DIN ORADEA
**Facultatea de
Științe Economice**

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Nr. înreg. FSE: 168 din data de 04.02.2025

Pt aviz CA și aprobare SUC

Auero 10 *Prorector MA,*

L.S. 18-20.02.2025

Către,

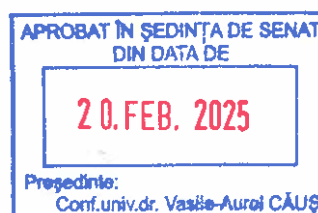
Consiliul de Administrație al Universității din Oradea
Senatul Universității din Oradea

Prin prezenta vă rugăm să avizați Planul de Învățământ pentru anul universitar 2024-2025 pentru BIP Project Management Toolkit for Sustainability organizat în cadrul Alianței Eu Green.

Cu deosebită considerație,

Decan

Prof.univ.dr.habil. Claudia Diana SABĂU - POPA



CURRICULUM

Valid from academic year 2024-2025

UNIVERSITY OF ORADEA

Faculty of Economic Sciences

Department of Management-Marketing

Belnded Intensive Programme (BIP) – Project management toolkit for sustainability

Duration of studies / no. of credits: 2 months / 6 credits

1. MISSION OF THE STUDY PROGRAMME (BiP) - Project management toolkit for sustainability

Project management toolkit for sustainability BiP is a highly interdisciplinary program focused mainly to bachelor students in all fields of study interested in project management as a tool to address sustainability challenges in their regions. The team of trainers involved in developing the program come from various fields: management, marketing, education, engineering etc. The curriculum is designed with equal input from all teachers involved from the 7 EU Green partner universities. We are committed to organize this BiP yearly, with partners taking turns in the administration of the program. The curriculum, focused on how to approach critically and creatively sustainability challenges using project management tools

Students from all fields of study are welcomed, as project management offers a toolkit that can be used in all areas of activity. Moreover, through this BiP we intend to emphasize interdisciplinarity - both teachers and participants should be from diverse study fields so the solutions found to SDG/sustainability challenges would embed different points of view.

2. OBJECTIVES OF THE STUDY PROGRAMME (BiP) - Project management toolkit for sustainability

This BiP aims to equip students with the necessary skills and knowledge to effectively develop projects that address sustainability challenges in the EU Green Alliance regions.

3. COMPETENCES THAT GRADUATES WILL OBTAIN UPON THE COMPLETION OF STUDIES

In order to achieve this aim, by the end of this programme, students will be able to:

- *formulate innovative and interdisciplinary solutions to existent regional sustainability challenges*
- *effectively plan, execute, and manage projects across various domains, understanding the fundamental principles and methodologies of project management, including project lifecycle, scope, time, cost, quality, risk, and decision making.*
- *develop a well balanced project outline (objectives, activities, diagram, budget, resources etc)*
- *critically analyze and apply the principles of sustainable development within various contexts. They will gain a comprehensive understanding of the 17 Sustainable Development Goals (SDGs) and their interconnections, and will be equipped to propose and evaluate strategies for achieving these goals at local, national, and global levels.*

These learning outcomes are aligned with the EU Green graduate attribute framework and the organization of the BiP will be constructed on the EU Green educational principles.

CURRICULUM

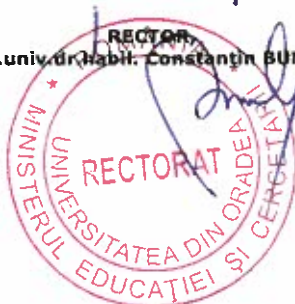
Module	Hours				Verification	Credits	IS [hours]
	C	S	L	P			
Module 1. Defining regional sustainable challenges, societal and environmental change, political changes, new regulations 1.1. The theory and practice of sustainable development 1.2. Introduction to the SDG framework 1.3. The role of SDGs in promoting sustainability 1.1. Identifying key stakeholders in sustainability projects	3	6			Ex	1	16
Module 2. Strategic planning aligned with the SDGs 2.1. Analyzing the materials topics of an organization 2.2. Towards sustainable strategies	2	4			Ex	1	19
Module 3. Project management concepts and tools 3.1. Using a network to visually display a project 3.2. Scheduling a project using Critical Path Method (CPM) 3.3. Dealing with uncertainty in durations (PERT) 3.4. Time, Costs, Social and Environmental trade offs	6	12			Ex	2	32
Module 4. Project management for sustainability 4.1. Interdisciplinarity and team management in projects 4.2. Writing a project 4.3. Reviewing a project (including sustainability impact) 4.4. Case studies and study visits				10	Colloquium ex.	1	15
Modul 5. Communication and dissemination of the project 5.1. The impact of communication on project outcomes. 5.2. Developing a communication plan tailored to stakeholder needs 5.3. Tools and Techniques for Effective Communication 5.4. SDGs and Communication	3	6			Colloquium ex.	1	16
TOTAL	14	28		10		6	98

Legend: C - Course; S - Seminar; L - Laboratory; P - Project; IS - Individual Study; Ex. - Examination

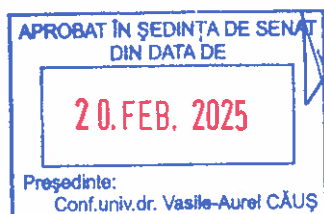
ONE CREDIT POINT REQUIRES A TOTAL OF 25 HOURS OF STUDY PROGRAM, DIDACTIC AND INDIVIDUAL ACTIVITY.

Head of Management-Marketing Department ,
Prof.univ.dr. habil. Maria Madela ABRUDAN

RECTOR
Prof.univ.dr.habil. Constantin BUNGĂU



DEAN,
prof. univ. dr. habil. Claudia-Diana SABAU-POPA



DISTRIBUTION OF VIRTUAL AND IN PRESENCE ATTENDANCE

Module	VT	VP	PT	PP	Total	Evaluation	Credits	IS [hours]
Module 1. Defining regional sustainable challenges, societal and environmental change, political changes, new regulations								
1.4. The theory and practice of sustainable development	2	3	1	3	9	Ex	1	16
1.5. Introduction to the SDG framework								
1.6. The role of SDGs in promoting sustainability								
1.7. Identifying key stakeholders in sustainability projects								
Module 2. Strategic planning aligned with the SDGs								
2.1. Analyzing the materials topics of an organization	2			4	6	Ex	1	19
2.2. Towards sustainable strategies								
Module 3. Project management concepts and tools								
3.1. Using a network to visually display a project								
3.2. Scheduling a project using Critical Path Method (CPM)	3	6	3	6	18	Ex	2	32
3.3. Dealing with uncertainty in durations (PERT)								
3.4. Time, Costs, Social and Environmental trade offs								
Module 4. Project management for sustainability								
4.1. Interdisciplinarity and team management in projects				10	10	Colloquium ex.	1	15
4.2. Writing a project								
4.3. Reviewing a project (including sustainability impact)								
4.4. Case studies and study visits								
Modul 5. Communication and dissemination of the project								
5.1. The impact of communication on project outcomes.								
5.2. Developing a communication plan tailored to stakeholder needs	1	3	2	3	9	Colloquium ex.	1	16
5.3. Tools and Techniques for Effective Communication								
5.4. SDGs and Communication								
TOTAL	8	12	6	26			6	98
		20		32				

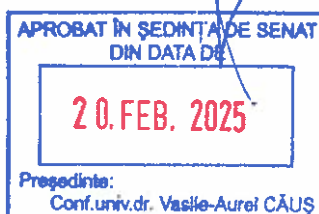
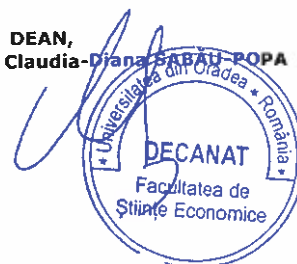
VT = virtual theory. VP = virtual practical, PT = in pesence theory, PP: in presence practical.

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Pt aviz CA și
aprobare SUO.

Prorector MA,

[Signature]

CURRICULUM

Valid from academic year 2024-2025

UNIVERSITY OF ORADEA

Faculty of construction, cadaster and architecture, department of architecture

Blended Intensive Programme (BIP) - Re-designing and co-making rural architectural commons together with local communities

Duration of studies/ no. of credits: 4 weeks/ 4 credit

1. Mission of the study programme (BIP)

Redesigning Rural Architectural Commons with Local Communities (BIP) brings together transdisciplinary teams of architecture, landscape architecture, conservation, and sociology students to collaborate directly with rural communities. The goal is to co-create sustainable, ecologically responsible designs for rural architectural commons—such as schools, churches, community centres and public spaces—tailored to local needs and environmental priorities.

Using participatory design methods that incorporate local knowledge and firsthand experiences, BIP reimagines rural spaces to support both community well-being and environmental sustainability. The program also emphasizes the valuable connections between rural and urban areas, exploring through lectures and field trips how revitalizing rural regions can strengthen urban sustainability through resilient ecosystems, resource management, and cultural exchange.

Through hands-on workshops with students, rural residents, and field experts, BIP fosters innovative, cooperative approaches to rural development, creating stronger, more interconnected strategies for rural transformation.

2. Objectives of the study programme (BIP)

- **Foster Collaborative and Sustainable Design Solutions** - Bring together transdisciplinary teams of students, rural communities, and experts to co-create innovative, ecologically responsible designs for rural architectural commons, addressing local needs and environmental priorities.
- **Strengthen Participatory and Inclusive Practices** - Equip students with participatory design methods, such as social cartography and community mapping, to engage local communities, incorporate their knowledge, and ensure inclusive, culturally sensitive rural transformation.
- **Promote Rural-Urban Synergies and Regional Revitalization** - Highlight the interconnectedness of rural and urban areas through lectures, field trips, and workshops, exploring how revitalizing rural spaces can support urban sustainability through resilient ecosystems, resource management, and cultural exchange

3. Competences that graduates will obtain upon the completion of studies

Architecture

- **Become familiar with** traditional building techniques, materials, and sustainable design principles specific to rural contexts.
- **Become aware of** the socio-cultural significance of rural architectural commons and their role in community identity.
- **Analyze** the spatial organization and functional needs of rural architectural spaces to propose context-sensitive redesigns.
- **Assess** the feasibility and sustainability of architectural interventions based on local environmental and cultural conditions.
- **Know how** to integrate participatory design methods into architectural planning processes with community stakeholders.

Landscape Architecture

- **Become familiar with** rural landscape features, including natural systems and historical patterns of land use.
- **Become aware of** the ecological and aesthetic impact of public space transformations in rural settings.
- **Analyze** rural public spaces to identify potential for ecological restoration and enhanced community use.
- **Assess** the relationship between built and natural environments to propose harmonious, sustainable interventions.
- **Know how** to design multi-functional landscapes that support biodiversity, community well-being, and environmental sustainability.

Environment

- **Become familiar with** ecological systems, resource cycles, and their relationship with rural development projects.
- **Become aware of** environmental challenges in rural areas, such as land degradation, resource scarcity, and climate resilience.
- **Analyze** the environmental impacts of design and development projects on rural ecosystems.
- **Assess** sustainable resource management practices for construction and rural land use.
- **Understand how** to integrate environmentally friendly strategies into rural architectural and landscape projects.

Sociology

- **Become familiar with** participatory research methods, including interviews, focus groups, and social cartography.
- **Become aware of** the role of social structures, cultural heritage, and community dynamics in rural development.
- **Analyze** the needs, challenges, and aspirations of rural communities to inform design and planning processes.
- **Assess** stakeholder engagement strategies and their effectiveness in fostering inclusive, community-driven development.
- **Know how** to facilitate collaborative processes that build trust and empower local communities in decision-making.

Conservation/Restoration

- **Become familiar with** techniques and materials used in conserving and restoring rural architectural heritage, including wooden and vernacular structures.
- **Become aware of** the historical, cultural, and social significance of rural architectural commons and their preservation value.
- **Analyze** the structural and material conditions of rural heritage buildings to propose appropriate restoration methods.
- **Assess** the balance between preserving authenticity and integrating modern interventions to ensure functionality and sustainability.
- **Know how** to document, conserve, and restore architectural elements in alignment with international conservation standards and practices.

Transversal competences:

- **Teamwork and Interdisciplinary Collaboration** - Students learn to work effectively in transdisciplinary teams, collaborating with peers from diverse fields (landscape architecture, conservation, sociology) and engaging with local communities and stakeholders.
- **Problem-Solving in Real-World Contexts** - Students enhance their ability to analyze complex rural challenges, adapt participatory design methods, and propose innovative, context-sensitive solutions that balance social, cultural, and environmental factors.
- **Lifelong Learning and Adaptability** - By engaging with hands-on workshops, field trips, and participatory design processes, students develop a mindset of continuous learning, self-improvement, and responsiveness to evolving community and environmental needs.
- **Effective Communication and Stakeholder Engagement** - Students enhance their skills in communicating ideas clearly through presentations, interviews, and focus groups, while engaging with community members and stakeholders in participatory processes.

BIP CURRICULUM

	Hours				Verification	Credits	IS [hours]
	C	S	L	P			
Module 1: Theory	12	10			Ex.	1	3
<ul style="list-style-type: none"> - Redesigning and Co-Creating Rural Architectural Commons - Social Cartography and Community Mapping - Vernacular Architecture and Cultural Heritage - Landscape Transformation of Rural Public Spaces - Design and community participation - Preserving wooden heritage. Networks of architects and craftsmen - Minor Industrial Architectural Heritage around Oradea - Ecological and Sustainable Approaches to Rural Public Spaces - Transform rural architectural commons into tourism attractions 							
Module 2: Fieldtrips in rural areas in Bihor		10			Colloquium Ex.	1	15
Module 3: Design and Hands-On Workshops		9		9	Colloquium Ex.	2	32
<ul style="list-style-type: none"> - Design workshop - Hands-on workshop - Final projects evaluation 							
TOTAL	12	29		9		4	50

Legend: C- course; S – seminar; L – laboratory, P – project; Proj. Ev.- project evaluation; IS – individual study; Ex. - examination.

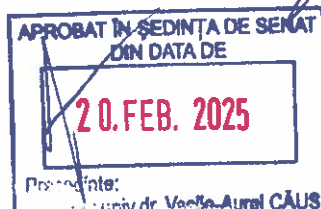
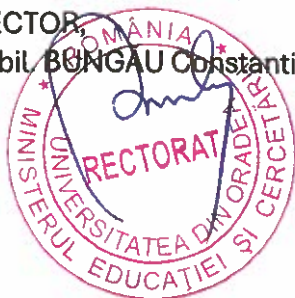
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Scientific coordinator,
lecturer arch. MEDȘAN Silviu

Administrative coordinator,
lecturer arch. BOCA Miruna, PhD

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Prof. univ. dr. ing. habil. PRADA Marcela Florina



UNIVERSITY OF ORADEA

Faculty of construction, cadaster and architecture,
department of architecture

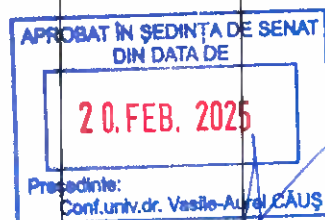
**BIP - Re-designing and co-making rural architectural commons
together with local communities**

Duration of studies/ no. of credits: **4 weeks/ 4 credit**

Valid from academic year
2024-2025

DISTRIBUTION OF VIRTUAL AND IN PRESENCE ATTENDANCE

Modules	VT	VP	PT	PP	Total	Evaluation	Credits	IS [hours]
Module 1: Theory <ul style="list-style-type: none"> - Redesigning and Co-Creating Rural Architectural Commons - Social Cartography and Community Mapping - Vernacular Architecture and Cultural Heritage - Landscape Transformation of Rural Public Spaces - Design and community participation - Preserving wooden heritage. Networks of architects and craftsmen - Minor Industrial Architectural Heritage around Oradea - Ecological and Sustainable Approaches to Rural Public Spaces - Transform rural architectural commons into tourism attractions 	12		5	5	22	Ex.	1	3
Module 2: Fieldtrips in rural areas in Bihor			4	6	10	Colloquium Ex.	1	15
Module 3: Design and Hands-On Workshops <ul style="list-style-type: none"> - Design workshop - Hands-on workshop - Final projects evaluation 		3	6	9	18	Colloquium Ex.	2	32
TOTAL	12	3	15	20			4	50



VT= virtual theory; VP = virtual practical; PT=in presence theory; PP= in presence practical

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