

BIP

Think Green, Think Forward: Exploring
Innovative Pathways to Sustainable and
Circular Economies

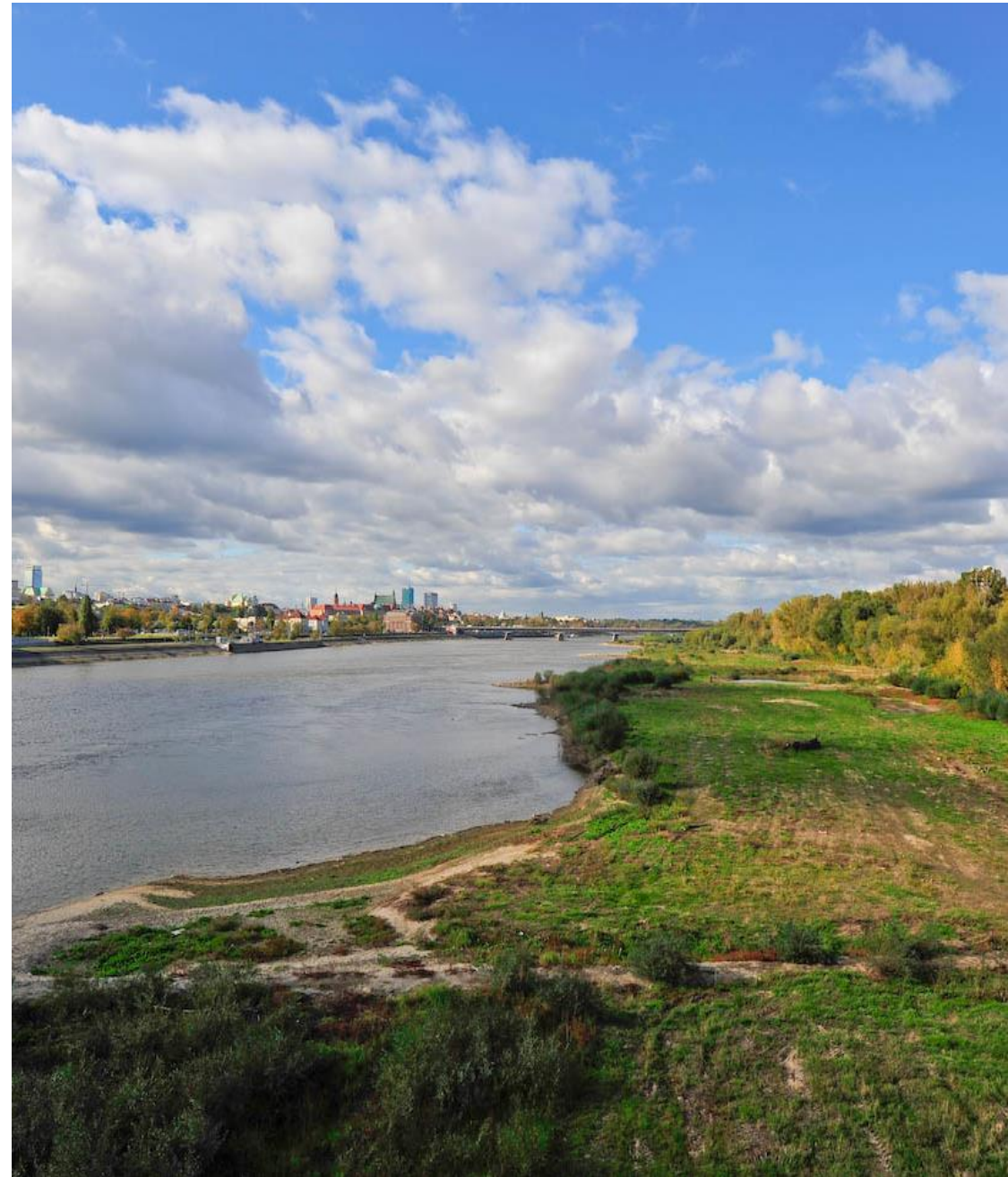
Online part – April 2025 (8 hours)

On-site part - 12.05-16.05.2025

3 ECTS

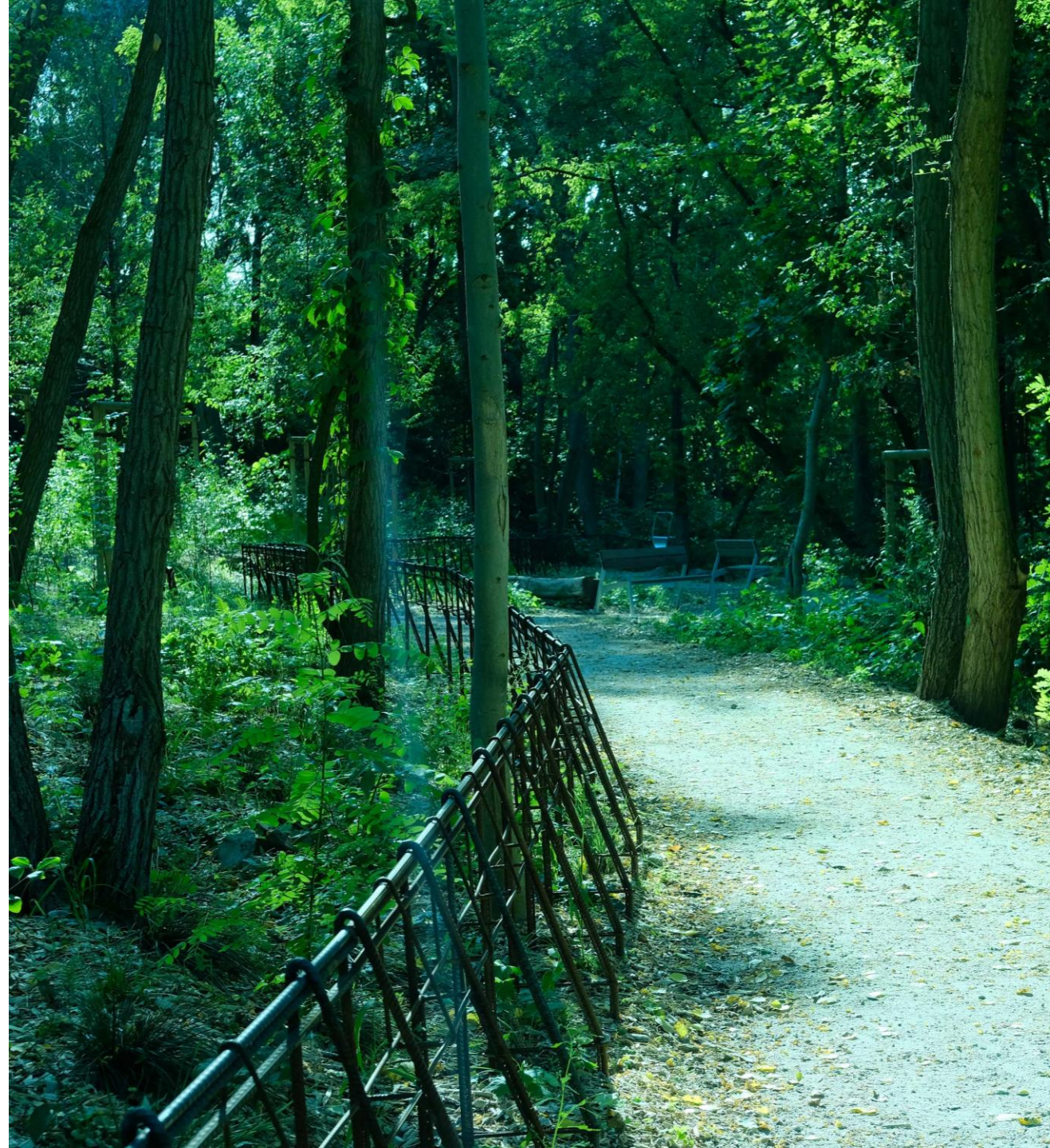
Think Green, Think Forward: Exploring Innovative Pathways to Sustainable and Circular Economies

- AIM: to equip students with an interdisciplinary understanding of **how green infrastructure and circular economies can be integrated to create resilient, sustainable cities.**
- Students will explore the **interconnections between ecological systems, city planning, bioeconomy principles, and regional development** through both theoretical instruction and practical experience.
- Students will explore how the city (on the example of Warsaw) has transformed its infrastructure in response to the pressing challenges of urbanization and climate change, making it an ideal learning laboratory.
- Through online modules and a **five-day on-site visit to Warsaw**, students will gain theoretical knowledge and practical insights into how these principles are applied in a real-world context.



Students will be able to:

- Show an understanding of green infrastructure, bioeconomy, and circular economy concepts, drawing from fields such as environmental science, economics, and urban planning.
- Analyze the relationship between urban ecological systems and economic development.
- Propose solutions for integrating sustainable development practices into city planning and policy.
- Suggest practical, scalable solutions for enhancing resilience through nature-based solutions (NbS) and circular economy approaches.
- Work with peers from different academic disciplines and cultural backgrounds to develop innovative solutions for urban sustainability challenges.



Methods:

- lectures by experts from both ecological and economic backgrounds;
- online discussion forums to encourage interaction among students from different universities,
- group assignments to simulate interdisciplinary collaboration,
- case studies of successful green infrastructure projects and circular economy models
- Practicals: visits to sites with implemented Nature-based Solutions, meetings with authorities, co-design workshops





Erasmus+ project

CL4Bio

Creative Learning
for Boosting Bio-Economy
within HEI's Curricula

Online part

- will provide a foundational understanding of green infrastructure, bioeconomy, and circular economy concepts.
- will incorporate innovative, creative learning methods inspired by the [CL4BIO project](#), designed to foster collaboration and teamwork among students. Through engaging activities, students will form effective teams, preparing them for hands-on, on-site project work in the next phase of the course.

On-site part
Team Building for Nature-Based Solutions

The on-site segment will allow students to explore Warsaw's pioneering projects firsthand while working in groups to develop proposals for sustainable urban development in the city's specific environmental challenges.



Exploring Roles: Students discuss preferred roles and teamwork styles.

Assessing Compatibility: Quick discussions help identify partners with complementary skills.

- Warsaw, a global leader in integrating nature-based solutions and circular economy principles into its urban planning strategies, offers an exemplary model for other cities to follow.
- With a strong focus on biodiversity, flood protection, ecosystem services, and sustainable economic development, Warsaw has implemented progressive policies and projects that address urban environmental challenges, from restoring natural watercourses to managing green spaces for climate resilience.
- In addition to its leadership in green infrastructure, Warsaw has adopted circular economy initiatives that promote resource efficiency and sustainable waste management, creating a synergy between ecological and economic development.



Study visits: Example of implemented Nature-based solutions in Warsaw

On-site part

12.05-16.05.2025, SGGW campus, Warsaw, Poland

General framework

Monday: 9am-3pm; lectures and team-building activities on the campus (one coffee break and lunch provided)

Tuesday: 9am-5pm; workshop on the campus and Warsaw case study side (one coffee break and lunch provided)

Wednesday: 9am-4pm; Warsaw case study side and team project work on the campus (lunch provided)

Thursday: 9am-4pm; workshop and team project work on the campus (one coffee break and lunch provided)

Friday: 9am-3pm; Projects' presentations and discussion (one coffee break and lunch provided)

Maximum number of participants: 20-25

Contact persons:

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