

SYLLABUS-CONCEPT OF THE EDUCATIONAL COURSE

Name of the course	European green building investment practices
Course type	Multidisciplinary
Course visitors	Students of the Bachelor's course, 8th semester (social majors; technical majors) Masters 2nd semester (social specialties; technical specialties)
The amount of the course	3 ECTS credits
The total number of classroom hours	46
including lectures	16
seminars	14
case-stage	16
Individual work, hours	44
Prerequisites for trainees	Students will spend in average 46 of contact hours during the academic term participating in the teaching, learning and assessment processes.
Planned educational activities per week on average - classroom *: * 2022-2023 study year. online training (related to the state of war in Ukraine)	1 x 1 hour of lectures per week, 1 x 1 hour of seminar per week (for a typical 15-week semester) * * in 2022-2023 (1st year of project implementation) the average weekly study plan is coordinated with the 10-week duration of the semester (that caused by the state of war in Ukraine and changes to the study calendar in PDABA). It is reflected on the working study plan.
Planned case studies using the cloud environment:	1 x 1 class hour per week of online supervised collaborative learning

Course content

This course allows students to explore sustainability as a cross-curricular topic. The course is organized for the formation and development of knowledge regarding to the applied problems of investment transition to more socially responsible, environmentally sustainable models of construction. An important applied value of the training course is the formation of a systematic answer to such a complex question: how the construction business enterprises, government and non-profit organizations, financial managers of various branches can better integrate the needs of the planet, people and profits in the short and long term?

The current challenges faced by construction companies and businesses are presented in the context of the European Green Deal policy on construction and reconstruction and the Sustainable Development Goals (SDGs): SDG 9: Industry, Innovation and Infrastructure; SDG 11: Sustainable cities and communities.

The impact of this imperative on building and business models, practices and behaviours, as well as the overall relevance of green building investment, is discussed in comparison to the scale of the economic, environmental challenges facing people and the planet.

This course will focus on four main questions:

1. What historical, legal, political and political factors contributed to the formation of modern green construction models?

2. How must our understanding of sustainability evolve to create a future of health and well-being, a future that is regenerative rather than just sustainable, and what is the role of the green building sector in this course?

3. What role can the construction sector play in moving us towards a new economy, driven by a regenerative understanding of wealth and happiness, equality and justice that insists on a systemic long-term view?.

4. How we as leaders can create and manage organizations that contribute to the achievement of these goals?

Course results

To understand and explain the interrelationships between business, society and the environment, to think systematically about the comprehensive consideration of the sustainable development requirements in a specific industry (construction).

To analyze systemic changes in consumer requirements for construction products in the context of the new paradigm and strategy of the Green Deal and the possibility of forming an offer of a similar construction product on the part of the construction business.

To understand the structure and peculiarities of the green construction investment models operation in the EU for the formation of the future managerial practice in financial management of construction enterprises in Ukraine.

Course plan

Topic 1. Theoretical background of green construction.

Topic 2. The role of green construction in achieving the goals of sustainable development within the framework of the Green Deal course.

Topic 3. Features of the development of EU construction services in the context of sustainable development.

Topic 4. Successful European practices of green construction as a tool for the revitalization of depressed areas.

Topic 5. Investment models of green construction: structure and tools.

Topic 6. Ukrainian market of green construction: realities and prospects.

Additional Information:

This module is organized on the base of environmental responsibility theme. It provides an understanding of ethical decisions and ethical behavior in the construction industry, business environment and society, particularly in relation to corporate social responsibility.

Seminar classes and case studies will require students to learn collaboratively and apply the content of specific lectures to case studies, practical exercises and role-plays in a variety of contexts.

European green building investment practice is an multidisciplinary module that will be interesting to OPP undergraduate and graduate students in social sciences, engineering and architecture.