

## Report of the M08 pilot teaching in KNUCA

**Semester:** Spring 2023/2024 academic year

**Curricula:** 073 specialty "Management. Project management, Master Program

**Module:** Sustainability Management (elective)

**Students:** 20 persons

**Teacher:** Yevheniia Boiko (PhD)

**About the module:** During the second learning semester, Master students had only elective modules. 20 Students chose the module "Sustainability Management". According to the actual curricula at that academic year, the module had 3 ECTS.

**Short description of students:** Some students had practical experience in solving issues of ensuring sustainable development of the enterprise (as a team member or a project manager).

The module topics:

- Topic 1: Theoretical foundations of the concept of sustainable development.
- Topic 2. The role of the international community in the formation and implementation of the principles of sustainable development.
- Topic 3. Global problems of humanity.
- Topic 4: Ensuring sustainable development of socio-economic systems.
- Topic 5. Program-targeted approach to the development of various socio-economic systems.
- Topic 6: Assessment of the social potential of the state and its regions.
- Topic 7. Territorial migration system of Ukraine as a prerequisite for sustainable development of the economy, state and society.
- Topic 8. Characterization of the energy component of sustainable development of Ukraine.
- Topic 9. Economic mechanism of rational nature management.
- Topic 10. Strategic directions for the formation of a model of sustainable development of Ukraine and its regions.
- Topic 11: The concept of a mechanism for managing the sustainable development of project-oriented enterprises.
- Topic 12: Circular economy.
- Topic 13. Basic principles and implications of ecodesign.
- Topic 14. Ecodesign and the company.
- Topic 15. Product life cycle: contextualization and concept.

Topics #12, 13, 14 and 15 were chosen based on the M08 content that was created in the frame of the project.

**Educational process form:** online

**Didactic concept: more traditional conception:** theoretical material (lectures), discussions during the classes and tasks.

**Pedagogical strategy:** traditional presentation material with elements case-study.

**Quality evaluation:** A questionnaire was created for evaluating the learning process and content. It consisted of four blocks of questions, such as:

- Section 1: Pedagogical Quality Criteria (10 questions);
- Section 2: Didactic Quality (4 questions);
- Section 3: Technical Quality (5 questions);
- Section 4: Academic Quality (4 questions).

The results of the evaluation are presented below. However, this report is presented only the information concerning the content.

*1. Does the digital learning resource align with the stated learning objectives?*

The students' answers:

Moderately – 25 %

Mostly – 25 %

Completely – 50 %

*2. Does the resource offer interactive elements that engage learners?*

The students' answers:

Frequently – 75%

Extensively – 25%

*3. Does the resource allow for customization and adaptation to different learner needs?*

The students' answers:

Considerable extent – 50%

Fully customizable – 50%

*4. Does the resource provide a logical progression of content and activities?*

The students' answers:

Adequately -25 %

Well - 50 %

Very well structured - 25 %

*5. Is the offered information important for preparation for future professional activity?*

The students' answers:

Mostly important – 75%

Extremely important – 25%

*6. Was the study of mandatory literature sufficient for mastering the discipline?*

The students' answers:

Moderately sufficient – 25%

Completely sufficient – 75%

*7. Is there enough time allocated for independent work?*

The students' answers:

Moderately enough time – 25%

Sufficient time – 25%

Ample time – 50%

*8. How optimal is the ratio of theoretical and practical parts of the course?*

The students' answers:

Moderately optimal – 25%

Mostly optimal -25%

Highly optimal -50%

*9. How do you rate the training part of the course?*

The students' answers:

Average - 25 %

Excellent - 75%

*10. Does the resource incorporate innovative approaches or cutting-edge scientific knowledge?*

The students' answers:

Frequently – 25%

Extensively – 75%

*11. Is the content presented in a clear and organized manner?*

The students' answers:

*Moderately - 25%*

*Clearly - 25%*

*Very clearly and well-organized - 50%*

*12. Does the resource provide adequate guidance and support for learners?*

The students' answers:

*Moderately - 25%*

*Extensively -75 %*

*13. Does the resource include effective assessment tools and provide timely feedback?*

The students' answers:

*Effectively - 25%*

*Very effectively – 75%*

*14. Does the resource include real-world examples and scenarios?*

The students' answers:

*Rarely - 25%*

*Extensively - 75%*

*15. Does the resource adhere to accessibility standards (e.g., WCAG)?*

The students' answers:

*Partially - 25%*

*Mostly - 50%*

*Fully accessible - 25%*

*16. Is the user interface intuitive and user-friendly?*

The students' answers:

*Moderately - 25%*

*User-friendly - 25%*

*Very intuitive and user-friendly - 50 %*

*17. Does the resource effectively integrate multimedia elements (e.g., videos, images, interactive simulations)?*

The students' answers:

*Moderately - 25%*

*Effectively - 25%*

*Very effectively -50%*

*18. Does the resource function smoothly without technical glitches or errors?*

The students' answers:

*Mostly reliable - 50%*

*Completely reliable -50%*

*19. Does the resource effectively utilize digital media elements to enhance learning?*

The students' answers:

*Moderately - 25%*

*Effectively - 25%*

*Very effectively - 50%*

*20. Are the information sources cited and reliable?*

The students' answers:

*Moderately - 25%*

*Extensively - 75%*

21. *Is the resource updated regularly to reflect current knowledge and practices?*

The students' answers:

*Moderately - 25%*

*Mostly - 25%*

*Regularly - 50%*

22. *Has the resource undergone a peer review process by experts in the field?*

The students' answers:

*Partially - 25%*

*Yes, extensively - 75%*

23. *Does the resource provide a comprehensive bibliography or reference list?*

The students' answers:

*Some extent - 25%*

*Considerable extent -25%*

*Extensively - 50%*

**Conclusions:**

An analysis of the survey results has led to the conclusion that the online course "Sustainable Development Management" is of high quality. Students positively evaluated the [clear course structure, variety of learning materials, timely feedback from the instructor]. In particular, they highlighted the [interactive elements that engage learners]. This indicates careful preparation of the course and its compliance with modern requirements for online learning. It confirms that the M08 is a state-of-the-art module.