

## Micro-Credential Syllabus

**Title:** *Digitalization of Financial Monitoring: Modern Technologies, Innovations, and Prospects for Transparent Development*

**ECTS / Workload:** 3 ECTS (90 hours total)

**Delivery Mode:** Fully Online (synchronous via Zoom)

**EQF Level:** Aligned with EQF Level 5-7

**Language of Instruction:** Ukrainian, English

**Language(s) of Issuing (certificate):** English

**Period:** 17 October – 19 December 2025

**Target Group:** Banking and finance professionals, regulators, government representatives, and anyone interested in financial transparency and digital tools for monitoring in the digital age.

**Entry Requirements:** No specific prerequisites. Basic knowledge of finance is helpful but not required.

### Course Description

This online micro-credential explores how digital transformation reshapes financial monitoring, transparency, and risk management. It provides participants with conceptual understanding, analytical skills, and hands-on experience to critically evaluate and apply modern digital tools in the field of financial monitoring. The course covers digital technologies, innovative practices, and regulatory frameworks that enhance transparency and combat financial crime. It integrates both theoretical and applied dimensions, focusing on Ukraine's context of wartime and post-war recovery, European integration, and global cooperation.

**SDG Alignment:** The course supports SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), and SDG 16 (Peace, Justice and Strong Institutions) by promoting transparency, digital innovation, and integrity in financial systems.

### Learning Outcomes

Graduates of the micro-credential “Digitalization of Financial Monitoring: Modern Technologies, Innovations, and Prospects for Transparent Development” will:

1. Understand the concept, principles, and global standards of financial monitoring and their evolution in the digital era.
2. Apply digital tools, AML/CFT regulations, and innovative approaches to analyze financial flows and monitoring systems in Ukraine and globally.
3. Analyze real-world cases and evaluate risks, identifying cybersecurity threats, regulatory gaps, and ethical dilemmas in digitalized monitoring systems.
4. Evaluate the effectiveness of digital transformation in financial monitoring, considering international cooperation and post-war recovery priorities.
5. Collaborate in teams to design practical solutions for improving financial transparency and accountability using digital monitoring technologies.
6. Reflect on the ethical, legal, and social implications of financial monitoring digitalization, including human rights and data privacy issues.

### Competence Alignment

- Subject-specific competences: Digital financial monitoring, transparency systems, AML/CFT compliance.
- Transversal competences: Critical thinking, communication, teamwork, and problem-solving in a digital environment.
- LOUIS competences: Critical Thinking, Ethical Responsibility, Global Digital Literacy.

### Course Structure & Workload

| Session                  | Topic                                                                                  | Hours |
|--------------------------|----------------------------------------------------------------------------------------|-------|
| 1                        | Financial Monitoring in the Digital Era: Current State and Development Prospects       | 2     |
| 2                        | Challenges of Financial Monitoring in Ukraine During the War and Post-War Recovery     | 2     |
| 3                        | Financial Monitoring in the Banking Sector: Digitalization and Innovative Practices    | 2     |
| 4                        | Financial Investigations: Digital Tools and Methods                                    | 2     |
| 5                        | Financial Monitoring in the World of Virtual Assets                                    | 2     |
| 6                        | International Cooperation in the Field of Financial Monitoring Digitalization          | 2     |
| 7                        | Prospects for Financial Monitoring Digitalization: Global Trends and Future Challenges | 2     |
| 8                        | Basic Approaches to Revealing the Essence of Financial Flow Transparency               | 2     |
| 9                        | De-shadowing of Financial Flows and the Role of Transparency in Its Implementation     | 2     |
| 10                       | Examination                                                                            | 2     |
| Independent & Group Work | Reading, individual research, project work, preparation of group presentation          | 70    |

Total: 20 hours synchronous sessions + 70 hours self-study/group work = 90 hours (3 ECTS)

### Teaching & Learning Methods

- Online lectures and guided discussions
- Case studies and simulations
- Group projects and policy design
- Interactive reflection activities
- Examination

### Assessment

| Component                                  | Weight | Learning Outcomes & Competences                                |
|--------------------------------------------|--------|----------------------------------------------------------------|
| Class participation                        | 30%    | LO1, LO2, LO6; Critical Thinking, Ethical Responsibility       |
| Group project report & online presentation | 30%    | LO3, LO4, LO5; Global Digital Literacy, Ethical Responsibility |
| Examination                                | 40%    | LO1, LO2, LO3; Critical Thinking, Ethical Responsibility       |

Passing threshold:  $\geq 60\%$ .

Grading scale: National (ECTS compatible).

### Quality Assurance

- Internal QA procedures of V. N. Karazin Kharkiv National University
- Examination Committee

### Recognition & Portability

Designed for recognition within EURIDICE partner universities and other HEIs, in line with the Lisbon Recognition Convention (based on the principle of no “substantial differences”).

Level statement: learning outcomes aligned with EQF Level 5-7 / Dublin Descriptors.

Aurora Level: Aurorisation Level 2 – course linked to SDGs and competences in the Aurora Competence Framework.

### Issuing & Validity

- Certificate: Issued by V. N. Karazin Kharkiv National University as an EURIDICE-branded digital certificate (e-sealed PDF).
- Validity: No expiry date

### Stackability

Can be stacked with other EURIDICE micro-credentials within the *Digital Economy and Financial Systems Transformation* pathway.