



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Security of banking transactions [S1IBIJ1>BTB]

Course

Field of study

Safety and Quality Engineering

Year/Semester

2/4

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

Number of hours

Lecture

15

Laboratory classes

0

Other

0

Tutorials

15

Projects/seminars

0

Number of credit points

2,00

Coordinators

dr hab. Mariya Khmelyarchuk prof. PP
mariya.khmelyarchuk@put.poznan.pl

dr hab. Marek Szczepański prof. PP
marek.szczepanski@put.poznan.pl

Lecturers

Prerequisites

Knowledge: Student can explain the basic issues of the science of organization and the theory of financial security, in particular the security of banking transactions Skills: Is able to identify and associate risks in banking activity related to potential threats as well as diagnose and monitor the security of banking transactions Competences: Demonstrates readiness to develop their knowledge and skills. He/She is open to work in a team

Course objective

The aim of the course is to provide students with basic knowledge of the security of banking operations (organizational and management aspects), necessary to use financial services of banks (clearing, credit, deposit). Developing students' ability to identify financial and operational risks in relations between economic entities (households, enterprises) and banks.

Course-related learning outcomes

Knowledge:

1. The student has advanced knowledge of related with identification, analysis and assessment related with quality and safety of banking transactions. [K1_W03]
2. The student knows the issues of management and organization as well as marketing and logistics in the context of banking transactions. [K1_W05]
2. The student knows the principles of creating and developing forms of individual entrepreneurship and the problems resulting from the activities of enterprises in the market environment, with particular emphasis on the relations between enterprises and banks. [K1_W13]

Skills:

1. The student is able to see system and non-technical aspects in engineering tasks, as well as social and technical, organizational and economic aspects, useful in cooperation with financial market institutions (including banks). [K1_U03]
2. The student is able to use analytical, simulation and experimental methods to formulate and solve engineering tasks (including tasks related to obtaining financing in cooperation with banks), also with the use of information and communication methods and tools. [K1_U04]

Social competences:

1. The student is aware of the understanding of non-technical aspects and effects of engineering activities, including its impact on the environment and the associated responsibility for decisions made, in particular - decisions related to taking loans and settlements through banks [K1_K03].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Initial assessment:

- a) in terms of exercises: on the basis of the assessment of: current progress in the implementation of tasks assessed by written assignments - tests, active participation in classes, tasks performed alone or in groups;
- b) in the field of lectures: on the basis of answers to the questions concerning the material assimilated during the lectures and the final test.

Final grade:

- a) in terms of exercises: pass on the basis of a positive grade in the final test (at least 50 points out of 100 required for a positive grade)
- b) in the field of lectures: examination in the form of a test (for a positive assessment, at least 50 points out of 100 are required).

Programme content

The program covers the security of banking operations (organizational and management aspects), necessary to use financial services of banks (clearing, credit, deposit).

Course topics

Lectures:

Bank security system. The role and place of banking transaction security in the bank's security system.
Threats and risks in modern banking transactions practice.
Methods of diagnosis and assessment of the security of banking transactions in the bank's security system.
Financial risk management for the purposes of ensuring the security of banking transactions.
Information risk management and cybersecurity of banking transactions.
Human resource management and personnel management in ensuring the security of banking transactions.
Financial and economic crises and their impact on the security of banking transactions.

Exercises:

Bank security system. The role and place of banking transaction security in the bank's security system.
Threats and risks in modern banking transactions practice.
Methods of diagnosis and assessment of the security of banking transactions in the bank's security system.
Financial risk management for the purposes of ensuring the security of banking transactions.
Information risk management and cybersecurity of banking transactions.
Human resource management and personnel management in ensuring the security of banking transactions.
Financial and economic crises and their impact on the security of banking transactions.

Teaching methods

Informative lecture with elements of problem lecture. The use of the mindmapping method. Weaving medody in case study and brainstorming.

Exercise method (application of acquired knowledge in practice - calculating tasks). Seminar discuss

Bibliography

Basic:

1. Koleśnik J., Bezpieczeństwo systemu bankowego. Teoria i praktyka , Wyd. Difin 2012. 343 s.
2. Capiga M., Bezpieczeństwo transakcji finansowych w Polsce, Wyd. CEDEWU, 2015 , 199 s
3. Szpringer W., Bezpieczeństwo systemu bankowego. Konkurencja czy współpraca?, Wyd. Twigger, 2001, 286 s.
3. Kosiński B., Nowak A. Z., Karkowska R., Winkler-Drews T. Podstawy współczesnej bankowości, Wyd. I, 2017. 240 s.
4. Iwanicz-Drozdowska M., Zarządzanie finansowe bankiem w erze cyfrowej, Wyd. Warszawa, 2021, 252 s.

Additional:

1. Wodo W., Stygar D., Winiarska K. Bezpieczeństwo systemów bankowości elektronicznej i mobilnej w Polsce. Badania użytkowników 2019, Wyd. Politechniki Wrocławskiej, Wrocław 2019.
2. Laskowski P. Bezpieczeństwo elektronicznych operacji bankowych, Scientific Bulletin of Chelm Section of Mathematics and Computer Science, N1, 2008.
3. Szczepański M., Khmelyarchuk M., Determinants of competitiveness in the banking sector of Poland and Ukraine // Financial and credit activity : problems of theory and practice, 2020, vol. 3, no. 34, p. 19-31P.
4. Szczepański M., Khmelyarchuk M., Problems and Priorities of the Development of Ukrainian and Polish Banking Systems: Common and Distinctive Features // Socio-economic problems of the modern period of Ukraine, N 2 (118), p. 66-73

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,00
Classes requiring direct contact with the teacher	30	1,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	20	0,50