

FINANCIAL MATHEMATICS

(course title)

COURSE SYLLABUS ABSTRACT

Specialty 6-05-0411-02 Finance and credit
(Profiling: "Banking", "Taxes and taxation")

	STUDY MODE	
	full-time	part-time
Year	1	1
Semester	1	1
Lectures, hours	16	4
Laboratory classes, hours	34	8
In-class test (semester, hours)		1 / 2
In-class test (semester, hours)	1	1
Exam, semester	50	14
Independent study, hours	58	94
Total course duration in hours / credit units	108/3	

1. Course outline

The purpose of teaching the discipline is to form students' analytical thinking by mastering mathematical models of financial transactions necessary in practical activities

2. Course learning outcomes

Upon completion of the course, students will be expected:

To know:

- subject, goals and objectives of financial mathematics;
- conceptual and categorical apparatus of financial calculations ;
- methodological principles of quantitative financial analysis

to be able to:

- generalize and systematize the simplest financial transactions;
- identify and classify interest rates.

Have a skill :

- the basics of methods for calculating interest in financial calculations.
- methods of assessing the profitability of financial transactions

3 Competencies

SK-15 Choose tools for processing financial data in accordance with the task, analyze the results of financial calculations and substantiate the conclusions

4. Requirements and forms of midcourse evaluation and summative assessment

Current certification – protection of laboratory works. Intermediate Evaluation is an exam.