

## Course description

### Investment Analysis

#### Course name, ECTS, quarter / semester, contact hours

Investment Analysis, 5 ECTS, 3-4 Quarters, 56 contact hours

#### Author of the course

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#### Outline of the course

The goal of this course is to make students acquainted with main tools of investment analysis, including (but not limited to):

- How to analyze present and future cash flows?
- How to calculate different investment indexes (for standard and non-standard investment projects)?
- How to use different methods of evaluation and elimination of risks?
- How to prepare corporate investment strategy?
- How to use mathematical models to build up an optimal set of investment projects?
- How to finance investment projects?

#### Structure and content:

№	Topic	Total	Class work		Home work
			Lectures	Workshops	
1.	Investments: general overview	16	2	2	12
2.	Business plan of investment projects	28	4	4	20
3.	Standard and non-standard cash flows and cash flow analysis	28	4	4	20
4.	Methods of investment calculation	34	6	6	22
5.	Risk and uncertainty: evaluation and elimination	26	4	4	18
6.	Investment strategy	24	4	4	16
7.	Investment programs	16	2	2	12
8.	Financing investment projects	16	2	2	12
	Total	190	28	28	134

**Prerequisites:** good knowledge of financial mathematics and corporate finance

**Assessment:** written examination, individual or team assignment

- Individual (team) assignment, including production of a report and group presentation (45%)
- Written examination (55%)