INVESTMENT DESIGN

COURSE SYLLABUS ABSTRACT
of higher education institution

Speciality 6-05-1042-01 «Transport logistics»
Profilization «Regional transport and logistics systems»

	STUDY MODE	
	Full-time	Part-time (shortened program)
Year	4	3
Semester	7	6
Lectures, hours	34	6
Practical classes, hours	16	4
In-class test, semester (hours)	–	6 (2 hours)
Exam, semester	7	6
Contact hours	50	12
Independent study, hours	58	96
Total course duration in hours / credit units	108 / 3	

1. Course outline

Introduction. Investments and investment activities. Investment project. State regulation of investment activities in the Republic of Belarus. Methodological basis for assessing the effectiveness of investment projects. Accounting for inflation in investment design. Methods for assessing the effectiveness of investment projects. Return on investment. Determining the discount rate. Application of the CAPM model in emerging markets. Cost and structure of borrowed capital of an investment project. Conditions for the implementation of the investment decision. Project sustainability analysis using sensitivity assessment, scenario analysis and simulation modeling. Real options and modern methodology for evaluating investment projects. Business plan for an investment project. Financing and lending of investment projects. Design and estimate documentation of the investment project.

2. Course learning outcomes

Upon completion of the course, students will be expected

to know:

– the essence of innovation and investment activities of the enterprise;

– the structure of investment projects and directions for increasing their efficiency at various stages of the investment cycle;

– the methods and technology of investment project management;

be able to:

– to formulate a project idea, evaluate its prospects and document it;

– to develop a business plan for an investment project, network and calendar schedules for its implementation, and calculate cash flows for the project;

– to evaluate the system of controlling and change management in the process of implementing an investment project;

– to select proposed investment projects taking into account the enterprise development strategy;

– to objectively assess the investment climate in the country and navigate the system of legal support for investment activities;

to possess a skill:

– to use methods for developing a business plan for an investment project;

– to use methods for calculating cash flows for a project

– to use change management methods in the process of implementing an investment project.

3. Competencies

– Take initiative and adopt to changes in professional activities.

– Be able to develop, implement and evaluate investment projects, increase the economic efficiency of investments for different types of transport activities.

4. Requirements and forms of midcourse evaluation and summative assessment

The module-rating system is used. The form of midcourse evaluation are course paper. Intermediate certification is a exam.