



### MODULE DESCRIPTION

Module code	full-time studies:	<b>Z-ZIP1-E-533</b>
	part-time studies:	<b>Z-ZIPN1-E-533</b>
Module name	<b>Investment Project Appraisal</b>	
Module name in Polish	<b>Ocena efektywności projektów inwestycyjnych</b>	
Valid from academic year	<b>2019/2020</b>	

### MODULE PLACEMENT IN THE SYLLABUS

Field of study	<b>MANAGEMENT AND PRODUCTION ENGINEERING</b>
Level of education	<b>1st degree</b>
Studies profile	<b>General</b>
Form and method of conducting classes	<b>Full-time and Part-time</b>
Specialisation	<b>Production and Innovation Management</b>
Unit conducting the module	<b>Department of Economics and Finance</b>
Module co-ordinator	<b>Oleksandr Oksanych, PhD, DSc, ProfTit Paweł R. Kozubek, PhD</b>
Approved by:	<b>Dariusz Bojczuk, PhD, DSc</b>

### MODULE OVERVIEW

Type of subject / group of subjects	<b>Specialist subject</b>
Module status	<b>Compulsory</b>
Language of conducting classes	<b>English</b>
Module placement in the syllabus - semester	<b>Semesetr V</b>
Initial requirements	<b>No requirements</b>
Examination (YES/NO)	<b>NO</b>
Number of ECTS credit points	<b>1</b>

Method of conducting classes		Lecture	Classes	Laboratory	Project	Other
Per semester	full-time studies:	<b>15</b>				
	part-time studies:	<b>9</b>				

## TEACHING RESULTS AND THE METHODS OF ASSESSING TEACHING RESULTS

Category	Symbol	Learning outcomes	Assignations to the directional learning outcomes
Knowledge	W01	Has knowledge of economic phenomena and economic processes in terms of macro and micro, taking into account the role of finance.	ZIP1_W10 ZIP1_W13
	W02	Has knowledge of keeping records of economic events in the company in the field of accounting, including the use of computer systems.	ZIP1_W10 ZIP1_W13
	W03	Has knowledge of the basics of managing an organization in a market economy in a development-friendly manner.	ZIP1_W10 ZIP1_W13
Skills	U01	He is able to carry out a basic economic analysis of engineering activities related to commissioning, modernization and modernization of production.	ZIP1_U13
Social competences	K01	Is aware of the importance and understands the relationship between engineering and non-technical activities in terms of the effects of environmental impact and responsibility for decisions made	ZIP1_K02
	K02	Is aware of responsibility for their own work and readiness to submit to the rules of teamwork and responsibility for jointly performed tasks.	ZIP1_K01 ZIP1_K04

## TEACHING CONTENTS

Method of conducting classes	Teaching contents
Lecture	<p>The essence and classification of investments. Investment life cycle.</p> <p>Criteria and rules for assessing the effectiveness of investment projects.</p> <p>The stages of preparation and implementation of the investment project. Analysis of the size and cost structure of the investment project.</p> <p>Factors influencing the effectiveness of the investment project.</p> <p>Basic and advanced methods of assessing the effectiveness of investment projects (discounted payback period, NPV, IRR, MIRR, NPV).</p> <p>Sources of financing for investment projects, Advantages and disadvantages of their use.</p> <p>Simple and advanced methods of taking into account the risk in the implementation of investment projects.</p> <p>Creation of the company's investment portfolio.</p>

## METHODS OF ASSESSING TEACHING RESULTS

Symbol	Methods of checking the learning outcomes <i>(select X)</i>					
	Oral exam	Written exam	Test	Project	Statement	Other
W01			X			
W02			X			
W03			X			
U01			X			
K01			X			
K02			X			

## FORM AND CONDITIONS OF PASSING

Form of classes	Form of credit	Passing conditions
Lecture	Credit with grade	Obtaining at least 50% of the points of the final test.

## STUDENT WORKLOAD

Balance of ECTS points												
No.	Type of student's activity	Student's workload										Unit
		full-time					part-time					
		Lc	C	Lb	P	O	Lc	C	Lb	P	O	
1.	Participation in the activities	15					9					h
2.	Other (consultation, exam)	2					2					h
3.	<b>Number of hours of a student's assisted work</b>	<b>17</b>					<b>11</b>					h
4.	<b>Number of ECTS credit points which are allocated for assisted work</b>	<b>0,7</b>					<b>0,4</b>					ECTS
5.	<b>Number of hours of a student's unassisted work</b>	<b>8</b>					<b>14</b>					h
6.	<b>Number of ECTS credit points which a student receives for unassisted work</b>	<b>0,3</b>					<b>0,6</b>					ECTS
7.	<b>Work input connected with practical classes</b>	<b>0</b>					<b>0</b>					h
8.	<b>Number of ECTS credit points which a student receives for practical classes</b>	<b>0,0</b>					<b>0,0</b>					ECTS
9.	<b>Total number of hours of a student's work</b>	<b>25</b>					<b>25</b>					h
10.	<b>Punkty ECTS za modul</b> <i>1 ECTS=25 hours</i>	<b>1</b>										ECTS

## LITERATURE

1. Dayananda D., Irons R., Harrison S. (2015), *Capital Budgeting: Financial Appraisal of Investment Projects*, Cambridge University Press.
2. Poggensee K., Poggensee J. (2022), *Investment Valuation and Appraisal: Theory and Practice*, Springer.
3. Götze U. Northcott D., Schuster P. (2016), *Investment Appraisal: Methods and Models*, Springer.