



SZKOŁA GŁÓWNA
GOSPODARSTWA
WIEJSKIEGO

Project Evaluation Methods

Educational subject description sheet

Basic information

Field of study Finance and accounting - przedmioty do wyboru		Didactic cycle 2024/25	
Speciality -		Subject code EKRFA-FS_D.28K.06469.24	
Organizational unit Faculty of Economics		Lecture languages english	
Study level second cycle (post bachelor's degree)		Mandatory Elective subjects	
Study form full-time studies		Block Major subjects	
Education profile General academic		Disciplines Economics and finance	
Coordinator	Katarzyna Boratyńska		
Teacher	Katarzyna Boratyńska		
Period Semester 4	Examination Pass with grade		Number of ECTS points 3
	Activities and hours Lecture: 20 Auditorium exercises: 10		

Goals

Code	Goal
C1	The purpose of the course is to present how project evaluation methods, e.g. Net Present Value (NPV) and Internal Rate of Return (IRR) can be implement to support taking investment decisions.
C2	The course stresses importance of investment decisions as well as methods of evaluating projects to practice. Investment decisions tend to involve large amounts of money and their impact on the survival and prosperity of the business can be profound. It is worth mentioning that once an investment decision has been made, and the funds committed, it is often difficult to abandon the project without significant losses being incurred. That's why knowledge about these methods is crucial. It indicates also practical implications of the subject.

Entry requirements

not concern

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	knows theory of methods of projects evaluation	FA_K2_W02, FA_K2_W03	Written credit
W2	knows selected methods of projects evaluation	FA_K2_W05	Written credit
Skills - Student can:			
U1	select, analyse and interpret main methods of projects assessment	FA_K2_U02	Test (written or computer based), Assessment of activity during classes
U2	prepare and present evaluation of project using proper methods (teamwork, including leadership skills)	FA_K2_U02	Project, Assessment of speeches during classes
Social competences - Student is ready to:			
K1	acknowledges knowledge in professional life and present active approach in increasing knowledge level of methods of project evaluation	FA_K2_K01	Assessment of speeches during classes
K2	takes into account professional ethics and reliability in project evaluation	FA_K2_K02	Assessment of speeches during classes

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Classification of investments. Role of investments in a company development strategy. Conditions that determine projects assessment. Investment project and its preparation: main phases. Types of projects, e.g.: large, medium and small scale projects. The sources of project financing (internal and external). The investor and market fluctuations. The investor and his advisers. Making investment decisions.	W1, W2	Lecture

No.	Course content	Subject's learning outcomes	Activities
2.	Cost benefit analysis (CBA). Break-even point (BEP). Primary methods of evaluating investment projects. The time value of money (present value of money, future value of money). Discounted cash flow methods. Risk assessment methods. Risk-adjusted discount rate method. Large and small scale projects appraisal. Evaluation of investment project effectiveness and profitability in practice using the following methods: Payback Period, Profitability Index (PI), Accounting Rate of Return, Net Present Value (NPV), Internal Rate of Return (IRR), Modified Internal Rate of Return (MIRR).	U1, U2, K1, K2	Auditorium exercises

Course advanced

Activities	Methods of conducting classes
Lecture	Lecture, Problem lecture, Case study, Discussion, Problem method
Auditorium exercises	Case study, Discussion, Brainstorm, Presentation, Teamwork

Activities	Examination method	Percentage
Lecture	Written credit	30%
Auditorium exercises	Test (written or computer based)	30%
Auditorium exercises	Assessment of speeches during classes	20%
Auditorium exercises	Assessment of activity during classes	10%
Auditorium exercises	Project	10%

Activities	Credit conditions
Lecture	all parts of the evaluation must be assessed with min. 51%
Auditorium exercises	all parts of the evaluation must be assessed with min. 51%

Literature

Obligatory

1. Boratyńska, K., 2016. NeoLek impacts on innovative realities: Lessons from Neo-Schumpeterian economics, Journal of Business Research, 69(5), 1676-1681, DOI: 10.1016/j.jbusres.2015.10.037.
2. Rugamba, M., 2012. Systematic Approach to Project Outcomes Evaluation. OmniScriptum GmbH & Co. KG
3. Lumby, Stephen, 1991. Investment appraisal and financing decisions: a first course in financial management. London: Chapman & Hall.

Optional

1. Graham, B., 2003. The Intelligent Investor. A book of Practical Counsel. PerfectBound.
2. Boratyńska, K., Andrusiewicz E., 2018. Selected European Union operational funds' impact on newly emerging SMEs in the Lubelskie Voivodeship, University of Life Sciences and Technologies/ Proceedings of the International Scientific Conference: Integrated and sustainable regional development: marketing and sustainable consumption, 9-11 May 2018, Jelgava, Latvia / [ed. Anita Auzina]. pp. 44-51.
3. Davies, A., Dodgson, M. and Gann, D. (2016), Dynamic Capabilities in Complex Projects: The Case of London Heathrow Terminal 5. Proj Mgmt Jrnl, 47: 26-46. <https://doi.org/10.1002/pmj.21574>
4. Trach, Roman, Połowski, Mieczysław i Hrytsiuk, Petro, 2019. Modelling of efficiency evaluation of traditional project delivery methods and Integrated Project Delivery (IPD). In: Yilmaz, Işık, Drusa, Marian i Marschalko, Marian (red.), World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium. WMCAUS. 2019. p. 1-10. IOP Conference Series: Materials Science and Engineering. DOI 10.1088/1757-899X/471/11/112043.
5. European Investment Bank webpage: <https://www.eib.org/en/projects/loans/index.htm>

Calculation of ECTS points

Activity form	Activity hours*
Lecture	20
Auditorium exercises	10
Preparation for the exam	15
Preparation for the test	15
Preparing the project	15
Preparation of a multimedia presentation	4
Student workload	Hours 79
Number of ECTS points	ECTS 3

* hour means 45 minutes

Effects

Code	Content
FA_K2_K01	label.effect.prefix.competenceThe graduate is ready to recognition of the profound importance of knowledge in professional life, a critical analysis of its resources and the search for its sources among experts
FA_K2_K02	label.effect.prefix.competenceThe graduate is ready to conduct professional activity in a socially responsible, entrepreneurial, ethical and public interest manner, as well as develop professional achievements and maintain the ethos of the profession, as well as think in an entrepreneurial way
FA_K2_U02	label.effect.prefix.skillThe graduate is able to skilfully analyse the causes and effects of phenomena occurring in the economy in the field of finance and accounting
FA_K2_W02	label.effect.prefix.knowledgeThe graduate knows and understands in-depth data and processing methods appropriate for economics and finance
FA_K2_W03	label.effect.prefix.knowledgeThe graduate knows and understands an extended level, forms, and standards as well as legal regulations regarding the functioning of entities in the real and financial sector
FA_K2_W05	label.effect.prefix.knowledgeThe graduate deeply knows the ethical, social, ecological and other conditions of running a business, including the basic concepts and principles of industrial property and copyright protection