

COURSE DESCRIPTION CARD

NOTE: If the course includes lectures and classes, the Course Description Card applies to both types of instruction.

1. Course title:

**ZIELONE FINANSE I INWESTYCJE
GREEN FINANCE AND INVESTMENTS**

2. Course code:

Number of ECTS credits: 3
Course completion mode: Z
Course commenced / Year: 2022/23

3. Major: Finance and Accounting for Business

4. Department of major coordinator: Department of Banking and Financial Markets

5. Name of course instructor:

Lecture: prof. Monika Foltyn-Zarychta, Ph.D.

Classes:

Lab classes -

Examiner: prof. Monika Foltyn-Zarychta, Ph.D.

6. Department of course instructor: Department of Investment

7. Number of contact hours with students:

Type of instruction	Full-time study	Part-time study
lectures	15	9
classes		
foreign language classes		
lab classes		
seminars		
e-learning		
other		
Total hours	15	9
examination (hours)		

8. Course timeframe - no. of semesters: 1

Course commencement / Year 1

Course commencement / Semester 2

9. Level of tertiary education: Master degree

10. Course status

Compulsory for the major

Compulsory for the specialization

Elective

11. Course prerequisites

Compulsory: -

Recommended: -

12. Course objectives:

1. Acquainting students with the sustainable development problems in investing
2. Presentation of tools for the inclusion of environmental aspects in the economic appraisal of investment
3. Presentation of the sources of capital for financing environmental and sustainable development investments

13. Teaching and learning methods:**A. Direct student-instructor contact:**

No.	Teaching methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Active lecture using case studies	Lecture using examples	5	3
2.	Active lecture using multimedia tools	Presentation of theoretical and methodical issues	10	6
Total			AS: 15	AN: 9

B. Self-study:

No.	Learning methods	Description	Number of hours	
			Full-time study	Part-time study
2.	Cause-effect studying with literature	Deepening knowledge through self-study of the presented problems	30	33
3.	Analysis of notes from classes and lectures	Preparing for tests	30	33
Total			BS: 60	BN: 66

Total AS+BS = 75

Examination (E) = -

Total AS+BS+E= 75

Total AN+BN = 75

Examination (E) = -

Total AN+BN+E = 75

14. Key words: cost-benefit analysis ,investment efficiency, environmental protection, sources of financing for investments

15. Course content:

1. Theoretical foundations of environmental protection and sustainable development in economic sciences and investment
3. Concepts and tools dealing with environmental aspects in the process of appraisal and evaluation of investments
4. Green finance for investments

16. Course learning outcomes as related to the learning outcomes of the major and methods for assessing student attainment

Intended learning outcomes of the major / Symbols	Intended learning outcomes of the course	Methods for assessing student learning outcomes	Documentation
<u>Knowledge</u>			
FAB2_W01#	Student knows at the profound level the reasons, course and consequences of investment activities in the field of environmental protection as well as assessment methods and tools, and financing of environmental projects.	Test	Test form

<u>Skills</u>			
FAB2_U01#	Student has the ability to choose and use evaluation tools for environmental investments as well as to analyze sources of their financing	Test	Test form
FAB2_U04#	Student has language skills in the area of evaluation and financing environmental investments that comply with the requirements specified for the B2+ level of Common European Framework of Reference of Languages (CEFR) using financial and accounting specialised terminology.	Test	Test form
<u>Social competences</u>			
FAB2_K01#	Student critically evaluates own knowledge as well received content in terms of issues related to finances and environmental investments evaluation	Test	Test form

17. Method for determining the final course grade:

No.	Methods for awarding credits and course completion requirements	Description	Percentage of the final course grade*
1.	Written test	multiple or single-choice test, closed-book test (lecture)	100%

* If students are required to obtain both a class grade and an exam grade, the class grade constitutes at least 30% of the final course grade.

18. Reading list

Mandatory readings:

1. E. J. Mishan, E. Quah: Cost-benefit analysis, Routledge, Taylor & Francis Group, London, New York, 2007
2. Harry F. Campbell and Richard P. C. Brown: Benefit-cost analysis: financial and economic appraisal using spreadsheets, Cambridge University Press, Cambridge.
3. Dirk Schoemaker and Willem Schramade: Principles of sustainable finance. Oxford University Press, Oxford, 2019.

Suggested readings:

1. Johansson P.-O., Krström B.: Cost-Benefit Analysis. Cambridge University Press, Cambridge, 2018.
2. Pearce, D. W., & Turner, K. : Economics of Natural Resources and the Environment. Harvester Wheatsheaf, New York, 1990.
3. Tietenberg, T. H., & Lewis, L.: Environmental and natural resource economics (w:) 0 (red.) 0. Wyd. Routledge, Boston, 2016.
4. Willis, G., & Garrod, K. G. : Economic Valuation of the Environment. Methods and Case Studies. Edward Elgar, 1999.
5. Boardman A.E.: Cost-Benefit Analysis: Concepts and Practice. 2nd ed.. Wyd. Prentice Hall, Inc., Upper Saddle River, New Jersey, 2001.
6. Foltyn-Zarychta, M.; Buła, R.; Pera, K.: Discounting for Energy Transition Policies-Estimation of the Social Discount Rate for Poland (w:) Energies 2021, 14, 741
<https://doi.org/10.3390/en14030741>

19. Language of instruction: English

20. Course instructors' recommendations:

Multimedia classroom, beamer