COURSE DESCRIPTION CARD

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

1. Course title:

FUNDAMENTALS OF FINANCE

2. Course code:
Number of ECTS credits: **5**
Course completion mode: **E**
Course commenced / **Year 2019/2020**

3. Major: Finance and Accounting / **ARIMA**

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

5. Name of course instructor:

Lecture: dr hab. EWA DZIWOK
Classes…
Lab classes …
Examiner: dr hab. EWA DZIWOK

6. Department of course instructor: Department of Applied Mathematics

7. Number of contact hours with students:

Type of instruction	Full-time study	Part-time study
lectures	45	
classes	-	
foreign language classes	-	
lab classes	-	
seminars	-	
e-learning	-	
other	-	
Total hours	45	
examination (hours)	3	

8. Course timeframe - no. of semesters: 1
Course commencement / Year 1
Course commencement / Semester 1

9. Level of tertiary education: 2

10. Course status
☐ Compulsory for the major …
☐ Compulsory for the **specialization X**
☐ Elective …

11. Course prerequisites
Compulsory:
Recommended:

12. Course objectives:

1. To familiarize students with the basic instruments of the financial market and the basics of their valuation
2. Providing knowledge of the functioning of the financial system.
3. To familiarize students with the basics of derivatives..

13. Teaching and learning methods:

A. Direct student-instructor contact:

No.	Teaching methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Solving exercises and tests	Solving tasks and tests, discussing possible solutions, proposing a solution.	15	
2.	Active exercises using case studies	Case studies on the financial and insurance market.	10	
3.	Discussion	Discussion within the proposed solutions; discussing the problems contained in the literature.	10	
4.	Active lecture using multimedia techniques.	Lecture using multimedia presentation.	10	
Total			AS: 45	AN:

B. Self-study:

No.	Learning methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Solving tests and tasks	Self-solving tests and tasks prepared by the teacher.	35	
2.	Cause-effect studies using literature	Studies of literature given by the teacher.	25	
3.	Analysis of lecture notes	Independent analysis of notes in order to use them to solve problems.	18	
4.	Other	short tests checking the progress made by the listeners	2	
Total			BS: 80	BN:

Total AS+BS = 125
Examination (E) = 3
Total AS+BS+E= 128

Total AN+BN = …….
Examination (E) =…….
Total AN+BN+E = …….

14. Key words: financial instruments, monetary policy instruments, financial mathematics

15. Course content:

1. Fundamentals of Financial Mathematics: interest rate, lichen percentage, composite, capitalization, continuous capitalization and its application
2. Financial market instruments based on simple interest: money market instruments
3. Compound interest-based financial market instruments: capital market instruments
4. Bonds: bond markets, valuation, yields, duration
5. FX market, exchange organization
6. Basic applications of valuation methods in the money and capital markets.

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
	Knowledge		
FiR2_W02# FiR2_W03#	1. Student has broader and in-depth knowledge of quantitative methods used in modern financial markets, in particular methods of financial instruments valuation. 2. Student has in-depth knowledge of the relationship between the structures of the real and	colloquium,	student working files

	financial sphere in the conditions of globalization of the economy on an international scale.		
Skills			
FiR2_U01# FiR2_U04#	Student has the ability to describe financial products, observe and interpret financial phenomena. Student has the ability to independently propose solutions to specific problems regarding the basic instruments of the financial market. He speaks English at B2 + level, in particular in the field of finance.	colloquium,	student working files
Social competences			
FiR2_K01#	Students are able to critically assess the importance and functioning of financial markets extended by the interdisciplinary and international dimension.	colloquium,	student working files

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 exam without the possibility of using notes	Possibility of using the formula	100%
2.			
3.			

* 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:

- Chisholm Andrew M.: An introduction to international capital markets. Wyd. Wiley, Chichester, 2009.
- Bodie Z., Kane A., Marcus A.J.: Investments. Wyd. McGraw-Hill, Boston, 2009.

Suggested readings:

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19. Language of instruction: English

20. Course instructors' recommendations: