COURSE DESCRIPTION CARD

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

1. Course title: in Polish / in English RISK CONTROLLING & ORGANISATION OF MARKET RISK	**2.** Course code: Number of ECTS credits: 2,0 Course completion mode: E Course commenced / Year 2019/20

3. Major: Finance and Accounting/ARIMA

4. Department of major coordinator: dr hab. Grażyna Szustak, prof. UE, Katedra Bankowości i Rynków Finansowych

5. Name of course instructor: Lecture: dr hab. inż. Krzysztof Targiel, Prof UE
Examiner : dr hab. inż. Krzysztof Targiel, Prof UE

6. Department of course instructor: Katedra Badań Operacyjnych

7. Number of contact hours with students:

Type of instruction	Full-time study	Part-time study
lectures	15	0
classes		
foreign language classes		
lab classes		
seminars		
e-learning		
other		
Total hours	15	0
examination (hours)	3	

8. Course timeframe - no. of semesters: 1

Course commencement / Year 2

Course commencement / Semester 3

9. Level of tertiary education: Second (Master)	**10.** Course status ☐ Compulsory for the major ☐ Compulsory for the specialization ARIMA ☐ Elective

11. Course prerequisites
Compulsory: MEASUREMENT OF MARKET RISK
Recommended: None

12. Course objectives:
To give knowledge of organization of market risk management in the banking industry, with particular emphasis on the role of accounting.

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 multimedia techniques	Integrated classes	15	0
Total			AS: 15	AN: 0

B. Self-study:

No.	Learning methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Solving case studies	Solving received case study	15	0
2.	Analysis of source materials	Analysis of the Basel Committee's recommendations	10	0
3.	Analysis of lecture notes		10	0
Total			BS: 35	BN: 0

Total AS+BS = 50
Examination (E) = 3
Total AS+BS+E= 53

Total AN+BN = 0
Examination (E) = 0
Total AN+BN+E = 0

14. Key words: market risk management

15. Course content:

1. Introduction to Risk Management. (Organization of Risk Departments, Roles and responsibilities)
2. Regulatory aspects for market risk. (minimum capital requirements)
3. Operative control and trading strategies. (Strategies for different types of instruments)
4. Controlling and performance measures for operative control
5. Limit systems and allocation of economic capital for different types of market risk
6. Relevant aspects of IFRS for market risk. (balance sheet aspects, pricing/ valuation, hedge accounting)

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>		
FiR2_W02#	Knows and understands in depth, methods used in international finance and accounting, in particular methods mathematical and statistical methods of analysis and effective financial data processing, using innovative IT tools and reporting solutions.	1. Test 2. Homework	1.Test questions 2. Solved tests
FiR2_W03#	Knows and understands complex problems and development trends of contemporary	1. Test	1.Test questions

	finance and accounting, occurring on a international scale against dilemmas of modern civilization		2. Solved tests
Skills			
FiR2_U02#	Is able to communicate on professional topics with diverse audiences, using financial and accounting terminology, also from complementary disciplines.	1. Homework	1.Students homeworks
FiR2_U03#	Can lead a debate on finance and accounting related topics taking into account social responsibility of risk management in financial institutions.	1. Test 2. Homework	1.Test questions 2. Students homeworks
FiR2_U04#	Can use a foreign language on B2+ level of the European Description System Language Education, including terminology characteristic to market risk management.	1. Test (in English) 2. Homework (in English)	1.Test questions 2. Students homeworks
Social competences			
FiR2_K01#	Is ready for critical self-assessment of knowledge and received content in the field finance and accounting, with respect to international market risk management standards	1. Homework	1. Students homeworks
FiR2_K02#	Is ready to recognize the role of professional knowledge in interdisciplinary market risk problems solution, also using expert opinions to ensure integrity with international standards	1. Homework	1. Students homeworks

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.	Test	Solving multiple choice test	50%
2.	Case study	Solving received case study (Home work)	50%

* 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. Revisions to the Basel II market risk framework, updated as of 31 December 2010. Basel Committee on Banking Supervision, Basel, 2011.
2. Basel Committee on Banking Supervision (2006) International Convergence of Capital Measurement and Capital Standards. A Revised Framework Comprehensive Version, Basel.
3. Penza P., Bansal V.K. : Measuring Market Risk with Value at Risk. John Wiley & Sons, New York, 2001.

Suggested readings:

19. Language of instruction: English

20. Course instructors' recommendations: Used software: MS Excel, R System