

## COURSE GUIDE

<u>Course title</u>	<b>Investments in the capital market</b>
<u>Specialization</u>	<b>Management</b>
<u>Form of study</u>	<b>Full-time studies</b>
<u>Qualification level</u>	<b>Second-degree studies</b>
<u>Year</u>	<b>2</b>
<u>Semester</u>	<b>III</b>
<u>Unit running the program</u>	<b>Department of Microeconomics, Investments and Real Estate</b>
<u>Author</u>	<b>dr Marcin Sitek</b>
<u>Profile</u>	<b>General academic</b>
<u>Number of ECTS credits</u>	<b>3</b>

### COURSE TYPE – NUMBER OF SEMESTER HOURS

LECTURE	CLASSES	LABORATORY	PROJECT	SEMINAR
<b>15</b>	<b>15</b>	–	–	–

### COURSE DESCRIPTION

#### COURSE OBJECTIVE

- O1. Role of the capital market in the economy and its functions with respect to the enterprise.
- O2. The essence of financial investments and their characteristics.
- O3. Knowledge of leading financial instruments and methods of their evaluation from the standpoint of investors.
- O4. Stock exchange as a form of the capital market.

#### INITIAL REQUIREMENT FOR THE KNOWLEDGE, ABILITIES AND OTHER COMPETENCES

Fundamentals of economy.

Fundamentals of the quantitative methods and statistical analysis.

Ability to characterize indices in the capital market.

Analysis and forecasting as the basic skill in development of investment strategies in the capital market.

#### THE EFFECTS OF LEARNING

EU 1 – student is able to properly divide investments according to a subject-based criterion and to characterize financial investments

EU 2 – student is able to properly characterize the capital market and instruments used in this market

EU 3 – student is able to analyse stocks and shares.

EU 4 – student is able to analyse derivatives (options, short-term futures, swaps) and evaluate their advantages and disadvantages from the standpoint of financial investments.

#### COURSE CONTENT

Form of teaching – LECTURE 15 hours	Number of hours
L1 – Essence of investments and their division according to the object criterion.	2
L 2 – Characterization of the financial investments. Financial market and its structure	1
L 3 -. Financial instrument. Idea and types of financial instruments.	2
L 4 – Investment – based characteristics of the financial market – income, risk and liquidity.	2
L 5 – Primary market. Forms of issuing the securities. Secondary market.	1
L 6 – Characteristics of the capital market and the instruments used in this market:	2

stocks, bonds, investment certificates and covered bonds.	
L 7 – Stock exchange as and institutional form of the capital market Indices in the capital market.	1
L 8 – Stock exchange Technical and fundamental analyses. Analysis of banking instruments of the capital market, evaluation of stocks and bonds.	1
L 9 – Investment funds. Derivatives: options, futures, swaps.	2
L 10 – Investment strategies in the capital market.	1
<b>Form of teaching – CLASSES 15 hours</b>	<b>Number of hours</b>
C 1 – Financial market and its structure. Financial instrument. Idea and types of financial instruments.	2
C 2 – The value of money in the time as a base of investment– capitalisation	1
C 3 – The value of money in the time as a base of investment– discounting process	1
C 4 – Financial investments and their characteristics – income.	1
C 5 – Financial investments and their characteristics - risk and liquidity.	1
C 6 – Characteristics of the capital market and the instruments used in this market: bonds	2
C 7 – Characteristics of the capital market and the instruments used in this market - shares,	2
C 8 – Characteristics of the capital market and the instruments used in this market: portfolio of shares	2
C 9 –Characteristics of derivatives: options.	1
C 10 - Characteristics of derivatives: futures and forward contracts.	1
C 11 – final exam	1

### TEACHNING TOOLS

Manuals and textbooks

Audiovisual equipment

Lecture using audiovisual means

Microsoft Office package, Microsoft PowerPoint

### WAYS OF ASSESSMENT (F – FORMING, P – SUMMARY)

F1. Presentation of the performed instructions and exercises from exercise classes

P1. Evaluation of the knowledge acquired (test and/or tasks)

### STUDENT WORKLOAD

Type of activity	Mean total hours for the activity
Contact hours spent with a teacher	30 hours
Preparation for the exercises	15
Familiarizing with the literature on the subject	5
Participation in tutorial classes	15
Present on consultations	10
<b>Total</b>	<b>75 hours</b>
<b>TOTAL ECTS POINTS FOR THE SUBJECT</b>	<b>3 ECTS</b>

## BASIC AND SUPPLEMENTARY LITERATURE

### Basic literature

Szkutnik J. , Moroz E., *Warsaw Stock Exchange As an Example of Emerging Capital Market in Developing Economy*, Interdisciplinary Approach to Sustainable Development, ed. By R. Lescroart, P. Pachura, T. Nitkiewicz, ISI Pierrard, HEC du Luxemburg, Virton, 2007.

Choudhry M., *Capital Market Instruments: Analysis and Valuation*, Prentice Hall, London, 2002.

### Supplementary literature

Allen L. *Capital Markets and Institutions: a Global View*, John Wiley and Sons, Inc., New York, 1997.

Sharpe W.F. *Portfolio Theory and Capital Markets*, McGraw-Hill Book Company, New York 1970.

Nelson P. *Capital Markets Law and Compliance: The Implications of MiFD*, University Press, Cambridge, 2008

Sitek M., *Prospects for Development of the Market of Mortgage Bonds in Poland*. Entrepreneurship and Management, vol.XVII, issue 1, part I, Łódź-Warszawa 2016

## TEACHERS (NAME, SURNAME, ADRES E-MAIL)

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## MATRIX OF REALIZATION OF LEARNING EFFECTS

The learning effect	Reference to the effects of the defined effects for the entire program (PEK)	Course aims	Course content	Teaching tools	Evaluation method
EU 1	K_W02 K_W06	C1	C1, C2,C3 C4, L1, L2,	1,3	F1,P1
EU 2	K_W4 K_W7 K_W8	C1,C2	C5 C6, C7, L3, L4, L5, L6	1,2,3	F1,P1
EU 3	K_U02 K_U04	C2,C3,C4	C6, C7 C8, L6, L7, L8	1,2,3	F1,P1
EU 4	K_U03 K_K06	C1, C2,C3,C4	C6, C8 C9, C10, L9, L10	1,2,3,4	F1,P1

## EVALUATION FORM – DETAILS

	For a grade of 2	For a grade of 3	For a grade of 4	For a grade of 5
Effect 1	Student is unable to properly divide investments according to an object-based criterion and to characterize financial investment.	Student presents a superficial understanding of the division of investments according to an object-based criterion and characteristics of financial investment.	Student presents an ordered knowledge of capital investments, division of investments according to an object-based criterion and characteristics of financial investment.	Student presents an ordered and in-depth knowledge of capital investments, division of investments according to an object-based criterion and characteristics of financial investment.

Effect 2	Student cannot properly characterize a capital market and the instruments used in this market.	Student has a fragmentary knowledge of the characteristics of the capital market and the instruments used in this market.	Student has a full knowledge in terms of evaluation of the capital market and characterization of the instruments used in this market.	Student has a full and in-depth knowledge in terms of evaluation of the capital market and characterization of the instruments used in this market.
Effect 3	Student is unable to evaluate stocks and bonds and relate it to the quotations in the stock Exchange.	Student is able to evaluate stocks and bonds and relate it to the quotations in the stock Exchange.	Student is able to carry out a full evaluation of stocks and bonds and to analyse the dynamics of the quotations of these instruments in the stock Exchange.	Student is able to carry out a full and in-depth evaluation of stocks, bonds and derivatives through analysis of dynamics of the quotations for these instruments in the stock Exchange.
Effect 4	Student is unable to analyse derivatives (options, short-term futures, swaps) and evaluate their advantages and disadvantages from the standpoint of financial investment.	Students has a fragmentary understanding of stocks, bonds and derivatives in the capital market.	Student is able to analyse derivatives (options, short-term futures, swaps) and evaluate their advantages and disadvantages from the standpoint of financial investment.	Student is able to perfectly analyse stocks, bonds and derivatives (options, short-term futures, swaps) and evaluate their advantages and disadvantages from the standpoint of financial investment.

#### **OTHER USEFUL INFORMATION ABOUT THE SUBJECT**

Information about where the students will be able to familiarize with the curriculum is presented to the students during the classes. If the structure of the classes necessitates such procedures, this information is sent via e-mail to individual groups.

Information about the venue for the classes is available in the Faculty's website.

Information about the dates of classes (day of the week/hour/room) can also be found in the Faculty's website.

Students will be informed about tutorial classes (hour/place/day of the week) during the first classes.

This information is also available in the Faculty's website and information board at the Department of Microeconomics, Investments and Real Estate.