

# Syllabus

## 1. Programme information

1.1. Institution	THE BUCHAREST UNIVERSITY OF ECONOMIC STUDIES
1.2. Faculty	Finance and Banking
1.3. Departments	Department of Finance
1.4. Field of study	Finance
1.5. Cycle of studies	Master Studies
1.6. Education type	Full-time
1.7. Study programme	Master of Applied Finance
1.8. Language of study	English
1.9. Academic year	2019-2020

## 2. Information on the discipline

2.1. Name	<b>Business and investment valuation. Risk and return.</b>								
2.2. Code	<b>19.0276IF1.1-0004</b>								
2.3. Year of study	<b>1</b>	2.4. Semester	<b>1</b>	2.5. Type of assessment	<b>Exam</b>	2.6. Status of the discipline	<b>O</b>	2.7. Number of ECTS credits	<b>8</b>
2.8. Leaders	C(C)	<b>prof.univ.dr. DUMITRESCU Dalina</b>					dalina.dumitrescu@fin.ase.ro		
	S(S)	<b>prof.univ.dr. GHERGHINA E LILIANA NICOLETA</b>					liliana.simionescu@fin.ase.ro		

## 3. Estimated Total Time

3.1. Number of weeks	14.00
3.2. Number of hours per week	4.00 of which
	C(C) 2.00
	S(S) 2.00
3.3. Total hours from curriculum	56.00 of which
	C(C) 28.00
	S(S) 28.00
3.4. Total hours of study per semester (ECTS*25)	200.00
3.5. Total hours of individual study	144.00
<i>Distribution of time for individual study</i>	
Study by the textbook, lecture notes, bibliography and student's own notes	45.00
Additional documentation in the library, on specialized online platforms and in the field	39.00
Preparation of seminars, labs, assignments, portfolios and essays	39.00
Tutorials	8.00
Examinations	9.00
Other activities	4.00

## 4. Prerequisites

4.1. of curriculum	
4.2. of competences	

## 5. Conditions

for the C(C)	The courses must take place in classrooms with technical facilities
for the S(S)	The activities must take place in classrooms with technical facilities

## 6. Acquired specific competences

PREFESSIONAL	C1	Operating ability with mathematical, financial, statistical and econometric functions
PREFESSIONAL	C2	Sourcing, compilation, processing, analysis and synthesis of financial information
PREFESSIONAL	C3	Evaluation and quantification of financial risk management
PREFESSIONAL	C4	Analysis, profiling and modeling of the behavior of investors on the financial markets
PREFESSIONAL	C5	Analysis and modeling of decision making process at micro and macroeconomics level

## 7. Objectives of the discipline

7.1. General objective	The course is about knowledge acquisition of techniques for evaluation and quantification of financial risk management, application of statistical, mathematical and econometric methods in finding solutions to financial new problems and case studies, description and exemplification for techniques applied to evaluation and quantification of financial risk management. Also will be addressed topics aiming knowledge acquisition of the concepts for substantiation of investment and business valuation decisions as well as explanation and interpretation of models for business and investment valuation decisions.
7.2. Specific objectives	<p>Studentii vor dobândi cunoștințe și abilități pentru:</p> <ul style="list-style-type: none"> <li>-Identificarea și analiza riscurilor în domeniul financiar ;</li> <li>-Compararea rezultatelor diferitelor tehnici de cuantificare a riscurilor în domeniul financiar;</li> <li>-Cunoașterea și utilizarea modelelor avansate de cuantificare și gestiune a riscurilor;</li> <li>-Identificarea și cuantificarea indicatorilor care stau la baza deciziilor în domeniul financiar;</li> <li>-Utilizarea metodelor și modelelor de evaluare pentru business-uri și investiții;</li> <li>-Realizarea de analize specifice domeniului financiar fundamentarea deciziilor la nivelul macro și microeconomic privind evaluarea de afaceri și investiționale</li> </ul>

## 8. Contents

8.1. C(C)		Teaching/Work methods	Recommendations for students
1	Introduction- course objectives and requirements for the course and for applicative sessions; the recommended bibliography ; grading rules Introduction in valuation	Student centered course	The syllabus of the course to be studied in advance.
2	Approaches to valuation	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session

3	The basic of risk	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
4	Risk free rate, equity risk premium	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
5	Estimating Risk Parameters and Costs of Financing	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
6	Estimating cash flow in investment decisions	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
7	Estimating growth and terminal value in investment decisions	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
8	Basic models in business valuation (1)	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session

9	Basic models in business valuation (2)	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
10	Private company valuation	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
11	Valuation of the venture capital investments	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
12	Unicorns companies - specific , risk, value	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
13	Gazelles companies-specific, risk, value	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session
14	Final conclusions and remarks	Student centered course	The topic for each course will be specified together with the relevant bibliography. The students must prepare in advance the assignments related to the topic as base for the class debates and active participation in the course session

***Bibliography***

- DAMODARAN, ASWATH, Investment valuation: tools and techniques for determining the value of any asset.3rd ed., John Wiley & Sons,, Hoboken, 2012, cota 136194 sau 658.152 DAM2012,, Statele Unite ale Americii
- BAKER, KENT H.; ENGLISH, PHILIP. , Capital budgeting valuation: financial analysis for today's investment projects., John Wiley & Sons, Hoboken, 2011, cota 134359 sau 658.154 BAK, Statele Unite ale Americii

- GREGORY, ALAN, Strategic valuation of companies. 2nd ed, Prentice Hall, London, 2001, cota 118018 sau 658.15 GRE, Marea Britanie

8.2. S(S)		Teaching/Work methods	Recommendations for students
1	Introduction, the grading rules and the requirements for seminars; the selection of the individual essay subject and the date for presentation, how to cope with the minimal standards and the preconditions to enter the exam	Class debates of proposed pedagogical tools; review of basic general concepts	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
2	Debates and applications about :Approaches to valuation	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
3	Debates and applications about: The basic of risk	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
4	Debates and applications about: Risk free rate, equity risk premium	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
5	Debates and applications about:Estimating Risk Parameters and Costs of Financing	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
6	Debates and applications about: Estimating cash flow in investment decisions	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
7	Debates and applications about: Estimating growth and terminal value in investment decisions	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.

8	Debates and applications about: Basic models in business valuation (1)	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
9	Debates and applications about: Basic models in business valuation (2)	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
10	Debates and applications about: Private company valuation	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
11	Debates and applications about: Valuation of the venture capital investments	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
12	Debates and applications about: Unicorns companies - specific , risk value	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
13	Debates and applications about: Gazelles companies-specific, risk value	Class debates of proposed solutions; In each session the basic concepts and models will be reviewed by a 15 minutes test.	For the assignments of the session each student will prepare in advance the proposed solutions. In the session the proposed solutions will be presented and critically debated by students.
14	Final conclusions and remarks	Class debates about the achievement of the learning goals and objectives and the final grading situation for each student. Wrap-up and final Q&A session regarding the topics of the course	Class debates about the achievement of the learning goals and objectives and the final grading situation for each student. Wrap-up and final Q&A session regarding the topics of the course

### ***Bibliography***

- DAMODARAN, ASWATH, Investment valuation: tools and techniques for determining the value of any asset.3rd ed., John Wiley & Sons,, Hoboken, 2012, cota 136194 sau 658.152 DAM2012;, Statele Unite ale Americii
- BAKER, KENT H.; ENGLISH, PHILIP. , Capital budgeting valuation: financial analysis for today's investment projects., John Wiley & Sons,, Hoboken, 2011, cota 134359 sau 658.154 BAK, Statele Unite ale Americii
- DRAGOTA, VICTOR si colectiv, .Evaluarea si finantarea investitiilor directe.Culegere de studii de dezabilitate, ASE, Bucuresti, 2009, România

**9. Corroboration of the contents of the discipline with the expectations of the representatives of the epistemic community, of the professional associations and representative employers in the field associated with the programme**

The main topics and the content of the course have been discussed with the professionals from the field and the structure of the course is aligned to the best financial practices in practitioners and companies activity.

**10. Assessment**

Type of activity	Assessment criteria	Assessment methods	Percentage in the final grade
10.1. S(S)	Class activity	Presence, active participation , preparation of the proposed solutions for the applications.	20.00
10.2. S(S)	Test for the revision of the acquired knowledge and information – 15 minutes tests in at least 3 sessions graded with more than 5 marks	Written 15 minutes tests	10.00
10.3. S(S)	Individual essay related to current aspects in the corporate and investment valuation and corresponding presentation	Presentation of the essay and the corresponding presentation	10.00
10.4. Final assessment	Correct solutions proposed by the students in the written exam	Written exam	60.00
10.5. Modality of grading	Whole notes 1-10		
10.6. Minimum standard of performance	Coping with the minimum standard requires the following: <ul style="list-style-type: none"> <li>• Minimum the grade 5 per test in at least 2 tests passed during the semester and</li> <li>• Individual essay related to current aspects in the corporate and investment valuation and corresponding presentation</li> </ul>		

Date of listing,  
10/30/2024

Signature of the discipline leaders,

Date of approval in the  
department

Signature of the Department Director,