

# Syllabus

## 1. Programme information

|                        |  |
|------------------------|--|
| 1.1. Institution       | THE BUCHAREST UNIVERSITY OF ECONOMIC STUDIES       |
| 1.2. Faculty           | International Business and Economics               |
| 1.3. Departments       | Department of International Business and Economics |
| 1.4. Field of study    | Applied modern languages                           |
| 1.5. Cycle of studies  | Licence  |
| 1.6. Education type    | Full-time  |
| 1.7. Study programme   | Applied Modern Languages                           |
| 1.8. Language of study | Romanian, English, French                          |
| 1.9. Academic year     | 2022-2023  |

## 2. Information on the discipline

|                    |                                  |  |          |                         |             |                               |                          |                             |          |
|--------------------|----------------------------------|--|----------|-------------------------|-------------|-------------------------------|--------------------------|-----------------------------|----------|
| 2.1. Name          | <b>International Investments</b> |  |          |                         |             |                               |                          |                             |          |
| 2.2. Code          | <b>22.0223IF2.2-05.1</b>         |  |          |                         |             |                               |                          |                             |          |
| 2.3. Year of study | <b>2</b>                         | 2.4. Semester                              | <b>2</b> | 2.5. Type of assessment | <b>Exam</b> | 2.6. Status of the discipline | <b>A</b>                 | 2.7. Number of ECTS credits | <b>3</b> |
| 2.8. Leaders       | C(C)                             | <b>prof.univ.dr. PAUN Cristian Valeriu</b> |          |                         |             |                               | cristian.paun@rei.ase.ro |                             |          |

## 3. Estimated Total Time

|   |                |
|---|----------------|
| 3.1. Number of weeks  | 14.00          |
| 3.2. Number of hours per week   | 2.00 of which  |
|   | S(S) 1.00      |
|   | C(C) 1.00      |
| 3.3. Total hours from curriculum  | 28.00 of which |
|   | S(S) 14.00     |
|   | C(C) 14.00     |
| 3.4. Total hours of study per semester (ECTS*25)  | 75.00          |
| 3.5. Total hours of individual study  | 47.00          |
| <i>Distribution of time for individual study</i>  |                |
| Study by the textbook, lecture notes, bibliography and student's own notes                | 10.00          |
| Additional documentation in the library, on specialized online platforms and in the field | 10.00          |
| Preparation of seminars, labs, assignments, portfolios and essays                         | 10.00          |
| Tutorials   | 10.00          |
| Examinations  | 7.00           |
| Other activities  |                |

## 4. Prerequisites

|                     |                               |
|---------------------|-------------------------------|
| 4.1. of curriculum  | Corporate finance             |
| 4.2. of competences | Use of mathematical knowledge |

## 5. Conditions

|              |                         |
|--------------|-------------------------|
| for the S(S) | Use of multimedia rooms |
| for the C(C) | Use of multimedia rooms |

## 6. Acquired specific competences

|              |    |  |
|--------------|----|--|
| PREFESSIONAL | C3 | Adequate use of generally applicable documentation, information search, classification and storage techniques, adequate use of information resources (electronic dictionaries, databases), basic competences in text editing and correction, use of computer text editing programs and of document archiving techniques; |
| PREFESSIONAL | C5 | Networking in various institutional contexts (institutions, business entities, NGOs) and use of general and semi-specialized knowledge in professional fields applicable to the specialization undertaken  |
| PREFESSIONAL | C7 | Assisting the planning and conduct of negotiations in international business;  |

## 7. Objectives of the discipline

|                          |   |
|--------------------------|---|
| 7.1. General objective   | Definition of concepts, techniques, mechanisms and specific tools for international business  |
| 7.2. Specific objectives | <ul style="list-style-type: none"> <li>• Caracterizarea cadrului internațional de dezvoltare a investițiilor străine de portofoliu</li> <li>• Furnizarea instrumentarului necesar pentru înțelegerea conceptului de diversificare a riscului, prin apelare la modele specifice</li> <li>• Analizarea portofoliilor internaționale de active financiare</li> <li>• Identificarea factorilor care influențează în sens pozitiv și negativ formarea de portofolii internaționale de active financiare</li> </ul> |

## 8. Contents

| 8.1. C(C) |  | Teaching/Work methods  | Recommendations for students  |
|-----------|--|--|---|
| 1         | Introductory course: presentation of main objectives and competences as result of learning presentation of methods and instruments, requirements and evaluation standards. | Interactive lecture. Use of PowerPoint and Excel presentations | Students are advised to read the curriculum in advance.   |
| 2         | International capital flows - methodology, history and perspectives.   | 2 lectures   | Students are advised to read the curriculum in advance.   |
| 3         | Fundamentals of risk diversification.  | 3 lectures   | Students are advised to read the curriculum in advance. Statistical tools are required: mean, standard deviation, correlation, covariance |
| 4         | Asset pricing<br>Presentation of asset pricing models: CAPM, APT   | 3 lectures   | Students are advised to read the curriculum in advance.   |
| 5         | International risk diversification. Empirical evidence   | 2 lectures   | Students are advised to read the curriculum in advance.   |
| 6         | International asset pricing. Use of models like ICAPM and the relevance of currency risk.  | 2 lectures   | Students are advised to read the curriculum in advance.   |
| 7         | General review   | 1 lecture  | Students are advised to read the curriculum in advance.   |

### ***Bibliography***

- • Beninnga, Simon , Financial Modeling, MIT Press, 2008, Statele Unite ale Americii
- • Bodie, Zvi, Kane, Alex, Marcus Alan J.(, Essentials of Investments, Mc-Graw Hill, Boston, 2007, Statele Unite ale Americii
- • Dobbs, R.; Spence, M. , The era of cheap capital draws to a close, McKinsey Quarterly Review, 2011
- • Horobeț, Alexandra , Managementul riscului în investițiile internaționale, Editura Allbeck, București, 2005, Statele Unite ale Americii
- • Markowitz, Harry , Portfolio Selection, Journal of Finance, 1952, Statele Unite ale Americii
- Global capital markets: Entering a new era, • McKinsey Global Institute , 2009, Statele Unite ale Americii
- Farewell to cheap capital? The implications of long-term shifts in global investments and saving, • McKinsey Global Institute , 2010, Statele Unite ale Americii
- Mapping global capital markets , • McKinsey Global Institute , 2011, Statele Unite ale Americii
- • Milesi-Feretti, G.M.; Tille, C. , The Great Retrenchment: International Capital Flows during the Global Financial Crisis, 2010, Statele Unite ale Americii
- • Fama, Eugene; French, Kenneth , The Capital Asset Pricing Model: Theory and Evidence, Journal of Economic Perspectives, 2004, Statele Unite ale Americii
- • Malkiel, Burton G.(, The Efficient Market Hypothesis and Its Critics, Journal of Economic Perspectives, 2003, Statele Unite ale Americii

| 8.2. S(S)   |  | Teaching/Work methods                                    | Recommendations for students                                |
|---|--|--|---|
| 1   | Introduction. Presentation of tutorials. Team creation. General knowledge test             | Presentation   | Recapitulation of main concepts from the probability theory |
| 2   | Financial institutions - mutual funds at the international level                           | Comparative analyses based on data collected by students | Data collection on various economic variables.              |
| 3   | Risk and risk aversion. Probability and statistics. Data analysis in Excel.                | Applications   | Solutions to chapter 6 problems.                            |
| 4   | Capital allocation for risky and riskless assets.  | Applications   | Solutions to chapter 7 problems.                            |
| 5   | Optimal risky portfolios. Mean- variance optimization in Excel                             | Applications   | Solutions to chapter 8 problems.                            |
| 6   | The CAPM model. Test of capital market efficiency.   | Applications   | Solutions to chapter 9 problems.                            |
| 7   | The model with one index and multifactorial models. Determination of the beta coefficient. | Applications   | Solutions to chapter 10 problems.                           |
| 8   | Asset pricing by means of arbitrage  | Applications   | Solutions to chapter 11 problems.                           |
| 9   | International capital markets. Characteristics and evolution                               | Presentation   | Readings  |
| 10  | International risk diversification benefits  | Applications   | Readings  |
| 11  | Analysis of correlations among international capital markets. Excel application            | Applications   | Readings  |
| 12  | The I-CAPM model. Empirical evidence   | Applications   | Readings  |
| 13  | Integration of international capital markets   | Presentation   | Readings  |
| 14  | Review   | Presentation   |   |
| <p><b><i>Bibliography</i></b></p> <ul style="list-style-type: none"> <li>- • Beninnga, Simon , Financial Modeling, MIT Press, 2008</li> <li>- • Bodie, Zvi, Kane, Alex, Marcus Alan J.(, Essentials of Investments, Mc-Graw Hill, Boston, 2007</li> </ul> |  |  |   |

### 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

Consultation of content with specialists in financial markets, especially representatives of financial institutions.

### 10. Assessment

| Type of activity                      | Assessment criteria   | Assessment methods                                   | Percentage in the final grade |
|---------------------------------------|---|--|-------------------------------|
| 10.1. C(C)                            | Activity  | Measurement of frequency and quality of interaction. | 5.00                          |
| 10.2. C(C)                            | Essay   | Assessment of the quality of the essay.              | 5.00                          |
| 10.3. S(S)                            |   |  | 20.00                         |
| 10.4. S(S)                            |   |  | 20.00                         |
| 10.5. Final assessment                | Written exam  | Written exam   | 50.00                         |
| 10.6. Modality of grading             | Whole notes 1-10  |  |                               |
| 10.7. Minimum standard of performance | Students are required to have a minimal knowledge of: <ul style="list-style-type: none"> <li>- Computation of risk for a portfolio of financial assets as in the Markowitz model</li> <li>- Knowledge of CAPM</li> <li>- Knowledge of arbitrage theory</li> </ul> Students are required to obtain a 5 grade out of 10 |  |                               |

Date of listing,  
04/25/2026

Signature of the discipline leaders,

Date of approval in the  
department

Signature of the Department Director,